

## Closure Report

ID # nOY1800836161,nAPP2116655568

### Site Description

Site Name:	SHU RMT INJ BLDG 3
Company:	Oxy USA, Inc.
Legal Description:	U/L D, Section 10, T19S, R38E
County:	Lea County, NM
GPS Coordinates:	N 32.67942 , W -103.14262

### Release Data

Date of Release:	(1/2/18) , (6/9/21)
Type of Release:	Produced water
Source of Release:	INTERNAL CORROSION OF HEADER
Volume of Release:	390 bbls , 130 bbls
Volume Recovered:	370 bbls , 135 bbls

### Remediation Specifications

Remediation Parameters:	OXY excavated the spill area as depicted on the following site diagram . The leak area SP1, SAP3-SP5,SP7-SP9, and SP12- SP14 (GREEN shade on diagram ) was excavated to a depth of 1 foot . The leak area near SP2 ( BLUE shade on diagram ) was excavated to a depth of 2 feet . The leak area near SP6,SP10, AND SP11 (WHITE shade on diagram ) required zero remediation . OXY collected sidewall and bottom confirmation samples every 200 square feet .	
Remediation Activities:	5/2/22 - 6/18/22; 7/25/22 - 8/5/22	
Plan Sent to OCD:		2/7/2022
OCD Approval of Plan:		2/22/2022
Plan Sent to BLM:		
BLM Approval of Plan:		

### Supporting Documentation

C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Closure photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report for 6/18/21 ,7/21/22 ,6/15/22	
Notifications	5/17/22, 6/7/22, 7/21/22	

### Request for Closure

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

Cliff P. Brunson  
President, BBC International, Inc.

8/12/2022

Form C-141

State of New Mexico  
Oil Conservation Division

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Incident ID	nAPP2116655568
District RP	
Facility ID	
Application ID	

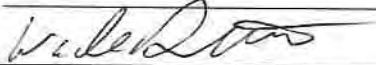
## Closure

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

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

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


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

Printed Name: Wade Dittrich Title: Environmental Coordinator  
Signature:  Date: 8-12-22  
email: 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:  Date: 08/16/2022  
Printed Name: Jennifer Nobui Title: Environmental Specialist A

Form C-141

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State of New Mexico  
Oil Conservation Division

Incident ID	nOY1800836161
District RP	
Facility ID	
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Printed Name: Wade Dittrich Title: Environmental Coordinator  
 Signature:  Date: 8-12-22  
 email: 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: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

**From:** [Nobui, Jennifer, EMNRD](#)  
**To:** [Cliff Brunson](#)  
**Cc:** [Bratcher, Mike, EMNRD](#); [Hamlet, Robert, EMNRD](#); [Harimon, Jocelyn, EMNRD](#)  
**Subject:** FW: [EXTERNAL] OXY - SHU RMT INJ BLD #3 (nAPP2116655568) - Sampling Notification  
**Date:** Thursday, July 21, 2022 9:05:42 AM

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Cliff

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

Thanks,  
Jennifer Nobui

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**From:** Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>  
**Sent:** Thursday, July 21, 2022 8:01 AM  
**To:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>  
**Subject:** Fw: [EXTERNAL] OXY - SHU RMT INJ BLD #3 (nAPP2116655568) - Sampling Notification

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**From:** Cliff Brunson <[cbrunson@bbcinternational.com](mailto:cbrunson@bbcinternational.com)>  
**Sent:** Tuesday, July 19, 2022 5:04 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us)>  
**Cc:** 'Wade Dittrich' <[Wade\\_Dittrich@oxy.com](mailto:Wade_Dittrich@oxy.com)>; 'Ken Swinney' <[kswinney@bbcinternational.com](mailto:kswinney@bbcinternational.com)>; 'Jennifer Gilkey' <[jgilkey@bbcinternational.com](mailto:jgilkey@bbcinternational.com)>; Kathy Sweeney <[kathys@bbcinternational.com](mailto:kathys@bbcinternational.com)>  
**Subject:** [EXTERNAL] OXY - SHU RMT INJ BLD #3 (nAPP2116655568) - 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 SHU RMT INJ BLD #3 (nAPP2116655568) on Thursday, July 21 at 9:00 a.m.

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

**From:** [Nobui, Jennifer, EMNRD](#)  
**To:** [Cliff Brunson](#); [Hamlet, Robert, EMNRD](#)  
**Cc:** [Bratcher, Mike, EMNRD](#); ["Wade Dittrich"](#); [Hamlet, Robert, EMNRD](#); [Harimon, Jocelyn, EMNRD](#)  
**Subject:** RE: [EXTERNAL] OXY - SHU RMT INJ Bldg #3 (Incident # nAPP2116655568) - Closure Extension Request  
**Date:** Tuesday, May 17, 2022 8:23:25 AM

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Cliff,

nAPP2116655568

Your request for an extension to **June 17, 2022** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Thanks,  
Jennifer Nobui

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**From:** Cliff Brunson <cbrunson@bbcinternational.com>  
**Sent:** Monday, May 16, 2022 3:20 PM  
**To:** Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>  
**Cc:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; 'Wade Dittrich' <Wade\_Dittrich@oxy.com>; 'Ken Swinney' <kswinney@bbcinternational.com>; 'Jennifer Gilkey' <jgilkey@bbcinternational.com>; Kathy Sweeney <kathys@bbcinternational.com>  
**Subject:** [EXTERNAL] OXY - SHU RMT INJ Bldg #3 (Incident # nAPP2116655568) - Closure Extension Request

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

Oxy is requesting an extension to the Closure Due date of 5/23/22 for the SHU RMT INJ Bldg #3 (Incident # nAPP2116655568). BBC has been working on this site (see attached pictures) and it has been slow going due to all the buried lines, etc. Therefore, Oxy is requesting an additional 30 days to complete the closure of this site.

If you have any questions, please let me or Wade know.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS  
President  
BBC International, Inc.  
World-Wide Environmental Specialists  
Mailing Address:  
P. O. Box 805

**From:** [Cliff Brunson](#)  
**To:** [Kathy Sweeney](#)  
**Subject:** FW: [EXTERNAL] OXY - SHU RMT INJ BLDG 3 - Sampling Notification  
**Date:** Thursday, August 11, 2022 4:58:50 PM

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**From:** Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>  
**Sent:** Tuesday, June 7, 2022 12:05 PM  
**To:** Cliff Brunson <cbrunson@bbcinternational.com>  
**Cc:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>  
**Subject:** FW: [EXTERNAL] OXY - SHU RMT INJ BLDG 3 - Sampling Notification

Cliff

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

Thanks  
Jennifer Nobui

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**From:** Enviro, OCD, EMNRD <[OCD.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us)>  
**Sent:** Tuesday, June 7, 2022 11:41 AM  
**To:** Hamlet, Robert, EMNRD <[Robert.Hamlet@state.nm.us](mailto:Robert.Hamlet@state.nm.us)>; Nobui, Jennifer, EMNRD <[Jennifer.Nobui@state.nm.us](mailto:Jennifer.Nobui@state.nm.us)>; Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>; Harimon, Jocelyn, EMNRD <[Jocelyn.Harimon@state.nm.us](mailto:Jocelyn.Harimon@state.nm.us)>  
**Subject:** Fw: [EXTERNAL] OXY - SHU RMT INJ BLDG 3 - Sampling Notification

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**From:** Cliff Brunson <[cbrunson@bbcinternational.com](mailto:cbrunson@bbcinternational.com)>  
**Sent:** Tuesday, June 7, 2022 9:49 AM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us)>  
**Cc:** 'Wade Dittrich' <[Wade\\_Dittrich@oxy.com](mailto:Wade_Dittrich@oxy.com)>; 'Ken Swinney' <[kswinney@bbcinternational.com](mailto:kswinney@bbcinternational.com)>; 'Jennifer Gilkey' <[jgilkey@bbcinternational.com](mailto:jgilkey@bbcinternational.com)>; Kathy Sweeney <[kathys@bbcinternational.com](mailto:kathys@bbcinternational.com)>  
**Subject:** [EXTERNAL] OXY - SHU RMT INJ BLDG 3 - 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 SHU RMT INJ BLDG 3 (Incident ID # nAPP2116655568 & Incident ID # nOY1800836161) on Thursday, June 9 at 9:00 a.m.

Cliff P. Brunson, CEI, CRS  
President  
BBC International, Inc.

**From:** [Dittrich, John W](#)  
**To:** [Cliff Brunson](#); "Ken Swinney"  
**Cc:** "Jennifer Gilkey"; [Julia French](#)  
**Subject:** FW: The Oil Conservation Division (OCD) has approved the application, Application ID: 79319  
**Date:** Tuesday, February 22, 2022 12:47:21 PM

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**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>  
**Sent:** Tuesday, February 22, 2022 11:42 AM  
**To:** Dittrich, John W <Wade\_Dittrich@oxy.com>  
**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 79319

**WARNING - This message is from an EXTERNAL SENDER - be CAUTIOUS, particularly with links and attachments.**

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To whom it may concern (c/o Wade Dittrich for OXY USA INC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2116655568, with the following conditions:

- **Closure report due 05/23/2022**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,  
Chad Hensley  
Environmental Science & Specialist  
575-703-1723  
[Chad.Hensley@state.nm.us](mailto:Chad.Hensley@state.nm.us)

**New Mexico Energy, Minerals and Natural Resources Department**  
1220 South St. Francis Drive  
Santa Fe, NM 87505



# OXY-SHU RMT INJ HDR BLDG #3

LEAK DATE: 1-2-18 & 6-9-21

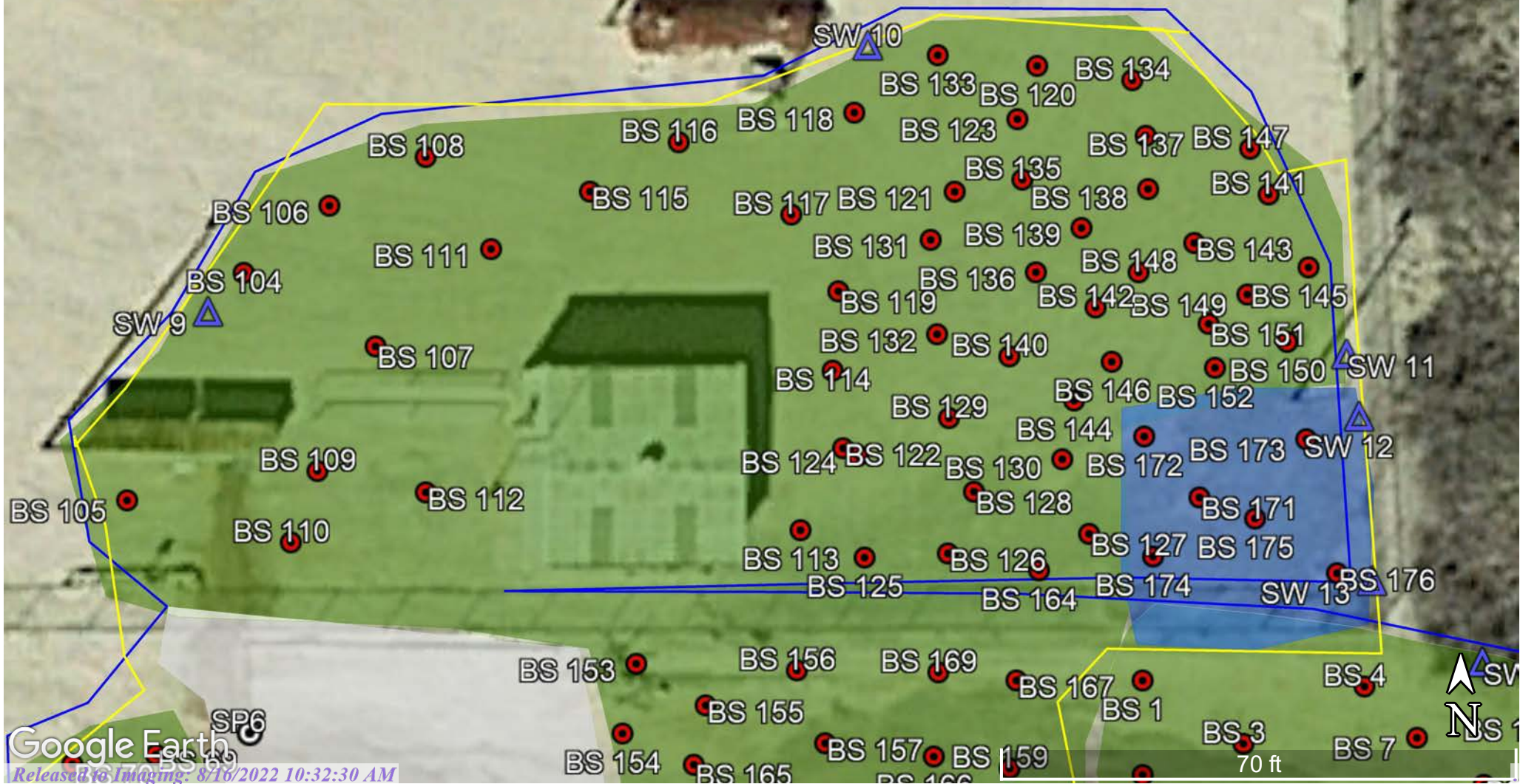
INCIDENT #: nOY1800836161 (1/2/18)

INCIDENT # nAPP2116655568 (6/9/21)

LEA COUNTY, NM

## Legend

- 1FT EXCAVATION
- 2FT EXCAVATION
- BOTTOM CONFIRMATION SAMPLE
- DELINEATION SAMPLE
- LEAK AREA (1/2/18)
- LEAK AREA (6/9/21)
- SIDEWALL CONFIRMATION SAMPLE
- ZERO REMEDIATION





**OXY-SHU RMT INJ HDR BLDG #3**









LEAK DATE: 1-2-18 &amp; 6-9-21

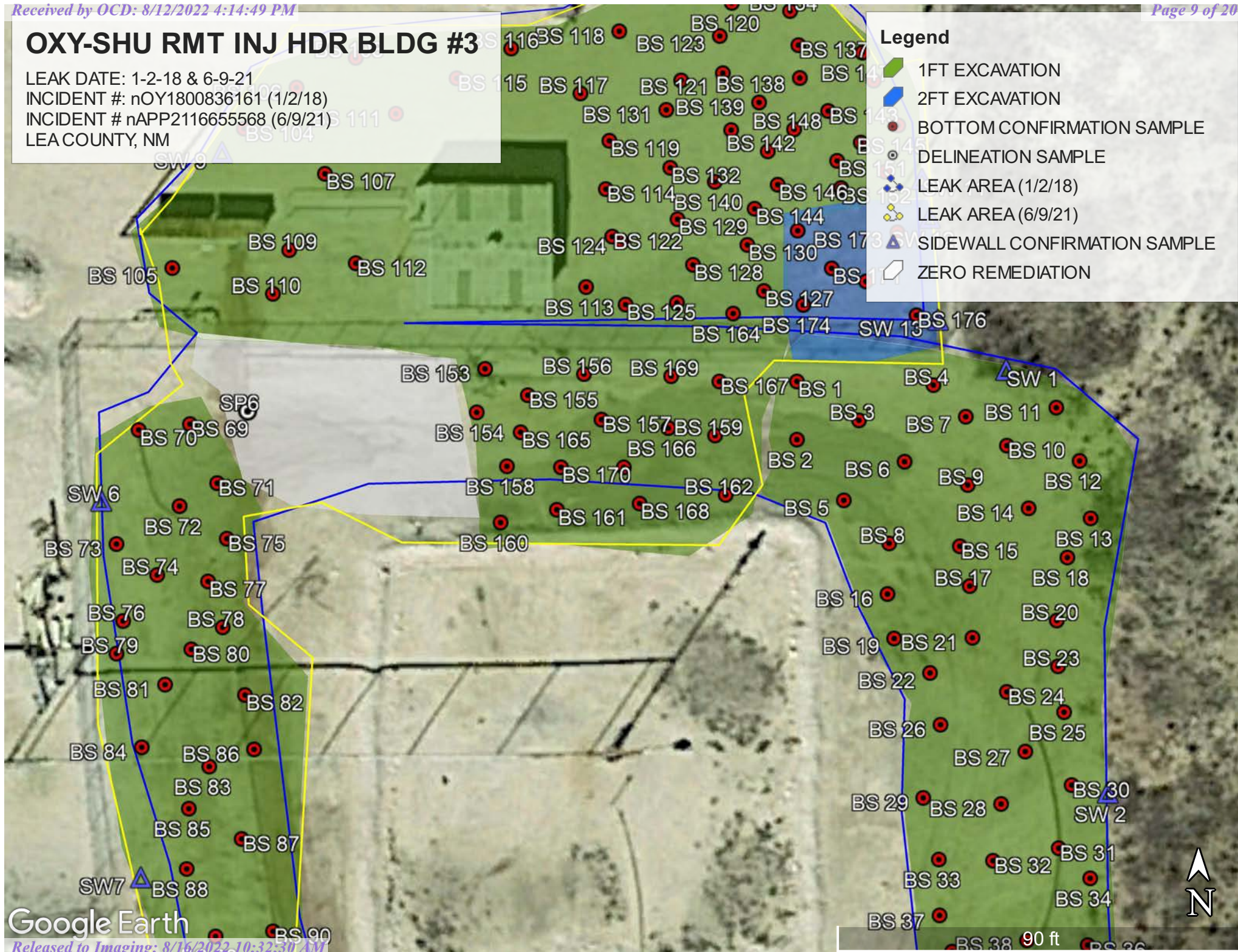
INCIDENT #: nOY1800836161 (1/2/18)

INCIDENT # nAPP2116655568 (6/9/21)

LEA COUNTY, NM

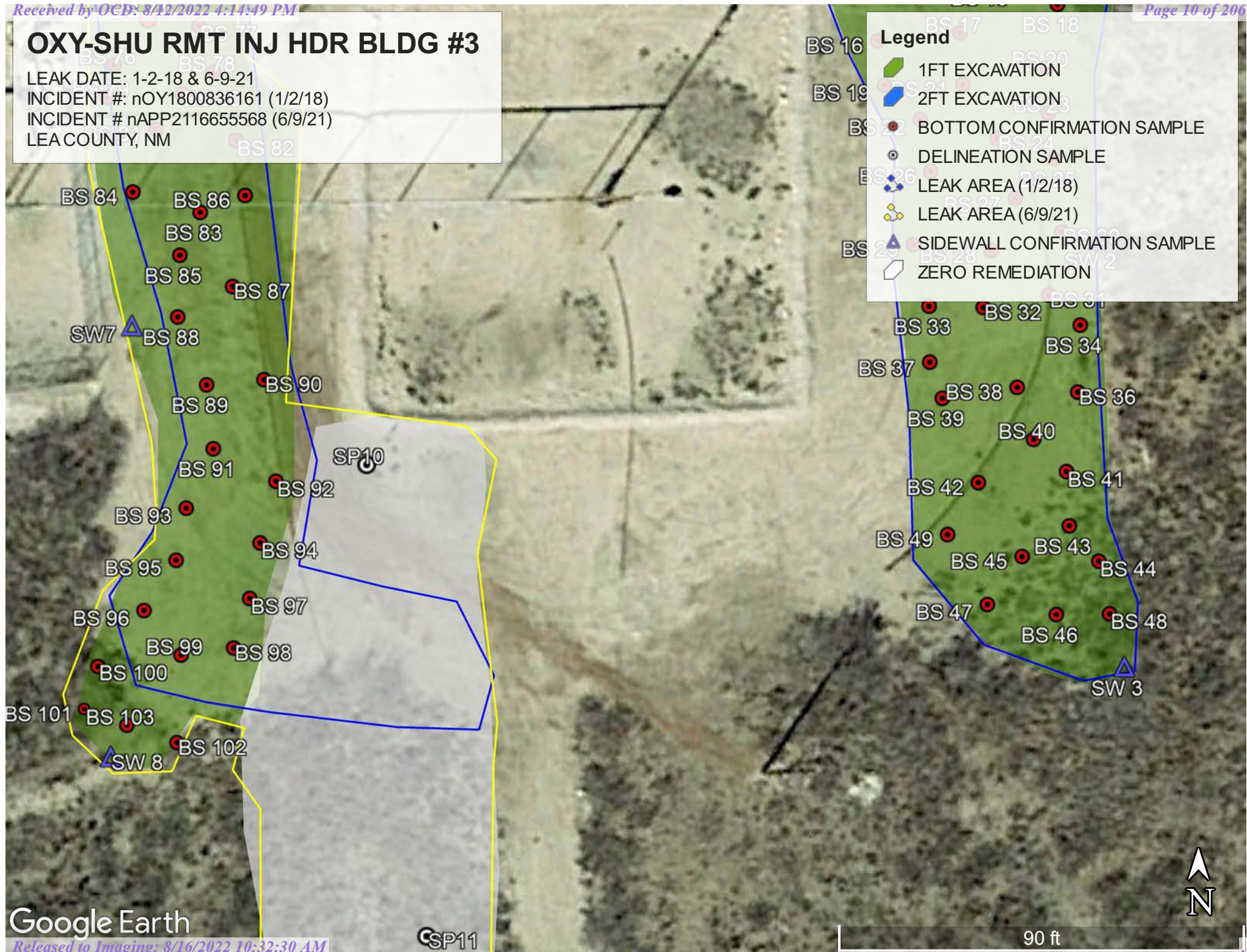
**Legend**

-  1FT EXCAVATION
-  2FT EXCAVATION
-  BOTTOM CONFIRMATION SAMPLE
-  DELINEATION SAMPLE
-  LEAK AREA (1/2/18)
-  LEAK AREA (6/9/21)
-  SIDEWALL CONFIRMATION SAMPLE
-  ZERO REMEDIATION





LEAK DATE: 1-2-18 & 6-9-21  
INCIDENT #: nOY1800836161 (1/2/18)  
INCIDENT # nAPP2116655568 (6/9/21)  
LEA COUNTY, NM



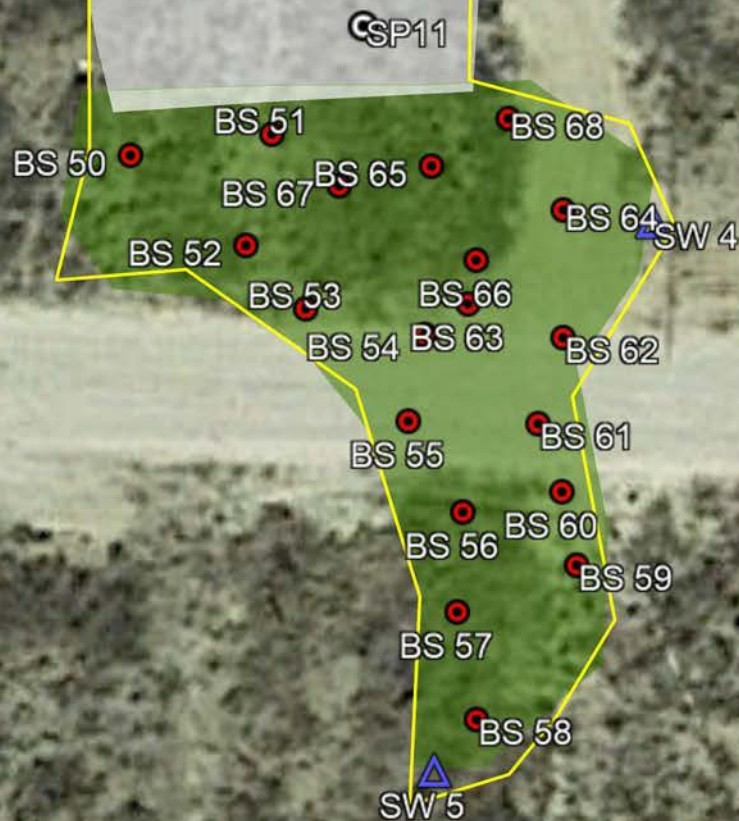


# OXY-SHU RMT INJ HDR BLDG #3

LEAK DATE: 1-2-18 & 6-9-21  
INCIDENT #: nOY1800836161 (1/2/18)  
INCIDENT # nAPP2116655568 (6/9/21)  
LEA COUNTY, NM

## Legend

- 1FT EXCAVATION
- 2FT EXCAVATION
- BOTTOM CONFIRMATION SAMPLE
- DELINEATION SAMPLE
- LEAK AREA (1/2/18)
- LEAK AREA (6/9/21)
- SIDEWALL CONFIRMATION SAMPLE
- ZERO REMEDIATION



## SHU RMT INJ BLDG 2 (6/9/21)

1 BS @ 1'	N32.679295	W-103.142196
2 BS @ 1'	N32.679260	W-103.142296
3 BS @ 1'	N32.679272	W-103.142152
4 BS @ 1'	N32.679293	W-103.142098
5 BS @ 1'	N32.679223	W-103.142162
6 BS @ 1'	N32.679216	W-103.142079
7 BS @ 1'	N32.679216	W-103.142079
8 BS @ 1'	N32.679190	W-103.142109
9 BS @ 1'	N32.679233	W-103.142074
10 BS @ 1'	N32.679256	W-103.142983
11 BS @ 1'	N32.679240	W-103.141983
12 BS @ 1'	N32.679233	W-103.142051
13 BS @ 1'	N32.679212	W-103.141986
14 BS @ 1'	N32.679205	W-103.142028
15 BS @ 1'	N32.679196	W-103.142079
16 BS @ 1'	N32.679167	W-103.142131
17 BS @ 1'	N32.679189	W-103.142002
18 BS @ 1'	N32.679172	W-103.142072
19 BS @ 1'	N32.679140	W-103.142126
20 BS @ 1'	N32.679151	W-103.142010
21 BS @ 1'	N32.679140	W-103.142070
22 BS @ 1'	N32.679119	W-103.142101
23 BS @ 1'	N32.679123	W-103.142009
24 BS @ 1'	N32.679108	W-103.142046
25 BS @ 1'	N32.679095	W-103.142005
26 BS @ 1'	N32.679088	W-103.142093
27 BS @ 1'	N32.679072	W-103.142032
28 BS @ 1'	N32.679045	W-103.142056
29 BS @ 1'	N32.679055	W-103.142103
30 BS @ 1'	N32.679013	W-103.142030
31 BS @ 1'	N32.679013	W-103.142008
32 BS @ 1'	N32.679007	W-103.142094
33 BS @ 1'	N32.678995	W-103.141986
34 BS @ 1'	N32.678985	W-103.142028
35 BS @ 1'	N32.678955	W-103.141988
36 BS @ 1'	N32.679006	W-103.142056
37 BS @ 1'	N32.678973	W-103.142094
38 BS @ 1'	N32.678958	W-103.142031
39 BS @ 1'	N32.678951	W-103.142019
40 BS @ 1'	N32.768907	W-103.142019
41 BS @ 1'	N32.678907	W-103.141995
42 BS @ 1'	N32.678900	W-103.142059
43 BS @ 1'	N32.678879	W-103.141993
44 BS @ 1'	N32.678852	W-103.141972

45 BS @ 1'	N32.678855	W-103.142027
46 BS @ 1'	N32.678820	W-103.142002
47 BS @ 1'	N32.678826	W-103.142052
48 BS @ 1'	N32.678821	W-103.141064
49 BS @ 1'	N32.678869	W-103.142081
50 BS @ 1'	N32.678587	W-103.145570
51 BS @ 1'	N32.678581	W-103.142420
52 BS @ 1'	N32.678551	W-103.142418
53 BS @ 1'	N32.678508	W-103.142380
54 BS @ 1'	N32.678477	W-103.142539
55 BS @ 1'	N32.678454	W-103.142380
56 BS @ 1'	N32.678446	W-103.142412
57 BS @ 1'	N32.678393	W-103.142420
58 BS @ 1'	N32.678490	W-103.142204
59 BS @ 1'	N32.678490	W-103.142428
60 BS @ 1'	N32.678519	W-103.142464
61 BS @ 1'	N32.678533	W-103.142476
62 BS @ 1'	N32.678529	W-103.142362
63 BS @ 1'	N32.678566	W-103.142456
64 BS @ 1'	N32.678556	W-103.142366
65 BS @ 1'	N32.678580	W-103.142422
66 BS @ 1'	N32.678573	W-103.142493
67 BS @ 1'	N32.678504	W-103.142423
68 BS @ 1'	N32.678591	W-103.142392
69 BS @ 1'	N32.679269	W-103.142629
70 BS @ 1'	N32.679266	W-103.142665
71 BS @ 1'	N32.679234	W-103.142610
72 BS @ 1'	N32.679220	W-103.142636
73 BS @ 1'	N32.679197	W-103.142681
74 BS @ 1'	N32.679179	W-103.142652
75 BS @ 1'	N32.679200	W-103.142603
76 BS @ 1'	N32.679151	W-103.142677
77 BS @ 1'	N32.679175	W-103.142616
78 BS @ 1'	N32.679131	W-103.142606
79 BS @ 1'	N32.679131	W-103.142681
80 BS @ 1'	N32.679134	W-103.142681
81 BS @ 1'	N32.679113	W-103.142647
82 BS @ 1'	N32.679131	W-103.142582
83 BS @ 1'	N32.679063	W-103.142616
84 BS @ 1'	N32.679102	W-103.142679
85 BS @ 1'	N32.679037	W-103.142631
86 BS @ 1'	N32.678967	W-103.142586
87 BS @ 1'	N32.679019	W-103.142594
88 BS @ 1'	N32.679000	W-103.142634
89 BS @ 1'	N32.678959	W-103.142613
90 BS @ 1'	N32.678962	W-103.142572
91 BS @ 1'	N32.678920	W-103.142609



92 BS @ 1'	N32.678900	W-103.142583
93 BS @ 1'	N32.678898	W-103.142621
94 BS @ 1'	N32.678883	W-103.142602
95 BS @ 1'	N32.678874	W-103.142625
96 BS @ 1'	N32.678878	W-103.142569
97 BS @ 1'	N32.678851	W-103.142584
98 BS @ 1'	N32.678850	W-103.142613
99 BS @ 1'	N32.678866	W-103.142502
100 BS @ 1'	N32.678814	W-103.142699
101 BS @ 1'	N32.678772	W-103.142669
102 BS @ 1'	N32.678791	W-103.142632
103 BS @ 1'	N32.678753	W-103.142671
104 BS @ 1'	N32.679476	W-103.142559
105 BS @ 1'	N32.679444	W-103.142580
106 BS @ 1'	N32.679429	W-103.142536
107 BS @ 1'	N32.679419	W-103.142533
108 BS @ 1'	N32.679454	W-103.142535
109 BS @ 1'	N32.679423	W-103.142505
110 BS @ 1'	N32.679370	W-103.142563
111 BS @ 1'	N32.679364	W-103.142656
112 BS @ 1'	N32.679366	W-103.142511
113 BS @ 1'	N32.679356	W-103.142500
114 BS @ 1'	N32.679447	W-103.142476
115 BS @ 1'	N32.679432	W-103.142494
116 BS @ 1'	N32.679444	W-103.142552
117 BS @ 1'	N32.679485	W-103.142506
118 BS @ 1'	N32.679450	W-103.142453
119 BS @ 1'	N32.679487	W-103.142517
120 BS @ 1'	N32.679471	W-103.142499
121 BS @ 1'	N32.679496	W-103.142476
122 BS @ 1'	N32.679476	W-103.142454
123 BS @ 1'	N32.679461	W-103.142431
124 BS @ 1'	N32.679498	W-103.142417
125 BS @ 1'	N32.679450	W-103.142376
126 BS @ 1'	N32.679467	W-103.142399
127 BS @ 1'	N32.679484	W-103.142385
128 BS @ 1'	N32.679501	W-103.142369
129 BS @ 1'	N32.679450	W-103.142340
130 BS @ 1'	N32.679509	W-103.142327
131 BS @ 1'	N32.679488	W-103.142227
132 BS @ 1'	N32.679465	W-103.142344
133 BS @ 1'	N32.679421	W-103.142349
134 BS @ 1'	N32.679428	W-103.142319
135 BS @ 1'	N32.679417	W-103.142228
136 BS @ 1'	N32.679450	W-103.142295
137 BS @ 1'	N32.679377	W-103.142342
138 BS @ 1'	N32.679401	W-103.142305

139 BS @ 1'	N32.679480	W-103.142296
140 BS @ 1'	N32.679379	W-103.142306
141 BS @ 1'	N32.679350	W-103.142346
142 BS @ 1'	N32.679355	W-103.142286
143 BS @ 1'	N32.679344	W-103.142221
144 BS @ 1'	N32.679379	W-103.142234
145 BS @ 1'	N32.679417	W-103.142258
146 BS @ 1'	N32.679502	W-103.142294
147 BS @ 1'	N32.679525	W-103.142285
148 BS @ 1'	N32.679493	W-103.142217
149 BS @ 1'	N32.679465	W-103.142230
150 BS @ 1'	N32.679421	W-103.142133
151 BS @ 1'	N32.679404	W-103.142227
152 BS @ 1'	N32.679364	W-103.142282
153 BS @ 1'	N32.679347	W-103.142153
154 BS @ 1'	N32.679433	W-103.142253
155 BS @ 1'	N32.679420	W-103.142176
156 BS @ 1'	N32.679288	W-103.142411
157 BS @ 1'	N32.679296	W-103.142343
158 BS @ 1'	N32.679273	W-103.142201
159 BS @ 1'	N32.679288	W-103.142270
160 BS @ 1'	N32.679273	W-103.142346
161 BS @ 1'	N32.679257	W-103.142277
162 BS @ 1'	N32.679227	W-103.142406
163 BS @ 1'	N32.679339	W-103.142321
164 BS @ 1'	N32.679267	W-103.142312
165 BS @ 1'	N32.679234	W-103.142405
166 BS @ 1'	N32.679248	W-103.142336
167 BS @ 1'	N32.679220	W-103.142339
168 BS @ 1'	N32.679233	W-103.142259
169 BS @ 1'	N32.679211	W-103.142397
170 BS @ 1'	N32.679418	W-103.142121
171 BS @ 2'	N32.679363	W-103.142171
172 BS @ 2'	N32.679381	W-403.142127
173 <u>BS @ 2'</u>	N32.679357	W-103.142153
174 BS @ 2'	N32.679340	W-130.142121
175 BS @ 2'	N32.679331	W-103.142175
176 BS @ 2'	N32.679325	W-103.142110

SIDEWALL	1	N32.679285	W-103.141994
SIDEWALL	2	N32.679102	W-103.142109
SIDEWALL	3	N32.678783	W-103.141968
SIDEWALL	4	N32.678522	W-103.142330
SIDEWALL	5	N32.679251	W-103.142002
SIDEWALL	6	N32.679048	W-103.142024
SIDEWALL	7	N32.703733	W-103.142562
SIDEWALL	8	N32.678752	W-103.142638
SIDEWALL	9	N32.679504	W-103.142554
SIDEWALL	10	N32.679519	W-103.142186
SIDEWALL	11	N33.679351	W103.142642
SIDEWALL	12	N32.679365	W103.142102
SIDEWALL	13	N32.679322	W103.142097

SP 6	N 32.679277	W-103.42588
SP 10	N 32.678911	W-103.42498
SP 11	N 32.678625	W-103.142074

[illegible][illegible][illegible]

[illegible][illegible][illegible]



[illegible][illegible][illegible]

	Sample ID	BS 164@1.5'	BS 165@1.5'	BS 166@1.5'	BS 167@1.5'	BS 168@1.5'	BS 169@1.5'	BS 170@1.5'	BS 171@2'	BS 172@2'	BS 173@2'	BS 174@2'	BS 175@2'	BS 176@2'
Analyte	Date	6/15/22	6/15/22	6/15/22	6/15/22	6/15/22	6/15/22	6/15/22	6/15/22	6/15/22	6/15/22	6/15/22	6/15/22	6/15/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		192.0	160.0	96.0	176.0	48.0	192.0	144.0	32.0	48.0	32.0	32.0	16.0	32.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8	SW 9	SW10	SW 11	SW 12	SW 13
Analyte	Date	6/9/22	6/9/22	6/9/22	6/10/22	6/10/22	6/15/22	6/15/22	6/15/22	6/15/22	6/15/22	6/15/22	6/15/22	6/15/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		<16.0	32.0	16.0	<16.0	<16.0	16.0	96.0	64.0	128.0	160.0	48.0	32.0	32.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	SP N @ SURFACE	SP E @ SURFACE	SP W @ SURFACE	SP S @ SURFACE
Analyte	Method	Date	6/17/21	6/17/21	6/17/21	6/17/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		64.0	<16.0	48.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	10.7	<10.0	12.4
EXT DRO	TPH 8015M		<10.0	12.9	<10.0	24.0

		Sample ID	SP 1 @ SURFACE	SP 1 @ 1'	SP 1 @ 2'
Analyte	Method	Date	6/17/21	6/17/21	6/17/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500Cl-B		1090	240	192
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		75.3	<10.0	N/A
EXT DRO	TPH 8015M		34.2	<10.0	N/A

		Sample ID	SP 2 @ SURFACE	SP 2 @ 1'	SP 2 @ 2'
Analyte	Method	Date	6/17/21	6/17/21	6/17/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500Cl-B		3760	624	32.0
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		56.5	<10.0	N/A
EXT DRO	TPH 8015M		19.9	<10.0	N/A

		Sample ID	SP 3 @ SURFACE	SP 3 @ 1'	SP 3 @ 2'	SP 3 @ 3'
Analyte	Method	Date	6/17/21	6/17/21	6/17/21	6/17/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		2120	160	240	272
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		123	<10.0	N/A	N/A
EXT DRO	TPH 8015M		47.0	<10.0	N/A	N/A

		Sample ID	SP 4@ SURFACE	SP 4 @ 1'
Analyte	Method	Date	6/17/21	6/17/21
			mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500Cl-B		2080	160
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		33.9	<10.0
EXT DRO	TPH 8015M		14.8	<10.0

		Sample ID	SP 5@ SURFACE	SP 5 @ 1'	SP 5 @ 2'
Analyte	Method	Date	6/17/21	6/17/21	6/17/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500Cl-B		7460	208	160
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A

		Sample ID	SP 6@ SURFACE	SP 6 @ 1'	SP 6 @ 2'
Analyte	Method	Date	6/17/21	6/17/21	6/17/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500Cl-B		48.0	32.0	32.0
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A

		Sample ID	SP 7@ SURFACE	SP 7 @ 1'	SP 7 @ 2'	SP 7 @ 3'
Analyte	Method	Date	6/17/21	6/17/21	6/17/21	6/17/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		11200	528	512	16.0
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		113	<10.0	N/A	N/A
EXT DRO	TPH 8015M		55.3	<10.0	N/A	N/A

		Sample ID	SP 8@ SURFACE	SP 8@ 1'	SP 8@ 2'
Analyte	Method	Date	6/17/21	6/17/21	6/17/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500Cl-B		3680	176	192
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A

		Sample ID	SP 9@ SURFACE	SP 9@ 1'	SP 9@ 2'	SP 9@ 3'
Analyte	Method	Date	6/18/21	6/18/21	6/18/21	6/18/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		3840	336	272	192
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		100	<10.0	N/A	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A	N/A

		Sample ID	SP 10@ SURFACE	SP 10@ 1'	SP 10@ 2'	SP 10@ 3'
Analyte	Method	Date	6/18/21	6/18/21	6/18/21	6/18/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		320	64.0	32.0	32.0
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A	N/A

		Sample ID	SP 11@ SURFACE	SP 11@ 1'	SP 11@ 2'	SP 11@ 3'
Analyte	Method	Date	6/18/21	6/18/21	6/18/21	6/18/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		512	432	384	32.0
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A	N/A



		Sample ID	SP 12@ SURFACE	SP 12@ 1'	SP 12@ 2'	SP 12@ 3'
Analyte	Method	Date	6/18/21	6/18/21	6/18/21	6/18/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		400	544	240	240
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		366	<10.0	N/A	N/A
EXT DRO	TPH 8015M		299	<10.0	N/A	N/A

		Sample ID	SP 13@ SURFACE	SP 13@ 1'	SP 13@ 2'	SP 13@ 3'	SP 13@ 4'
Analyte	Method	Date	6/18/21	6/18/21	6/18/21	6/18/21	6/18/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A	N/A	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A	N/A
Chloride	SM4500Cl-B		416	448	400	240	288
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A
DRO	TPH 8015M		159	<10.0	N/A	N/A	N/A
EXT DRO	TPH 8015M		139	<10.0	N/A	N/A	N/A

		Sample ID	SP 14@ SURFACE	SP 14@ 1'	SP 14@ 2'	SP 14@ 3'	SP 14@ 4'
Analyte	Method	Date	6/18/21	6/18/21	6/18/21	6/18/21	6/18/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A	N/A	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A	N/A
Chloride	SM4500Cl-B		464	448	400	272	352
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A
DRO	TPH 8015M		166	<10.0	N/A	N/A	N/A
EXT DRO	TPH 8015M		139	<10.0	N/A	N/A	N/A



OXY -SHU RMT INJ BLDG 3 , LEAK DATE (1/2/18) , (6/9/21)





OXY -SHU RMT INJ BLDG 3 , LEAK DATE (1/2/18) , (6/9/21)





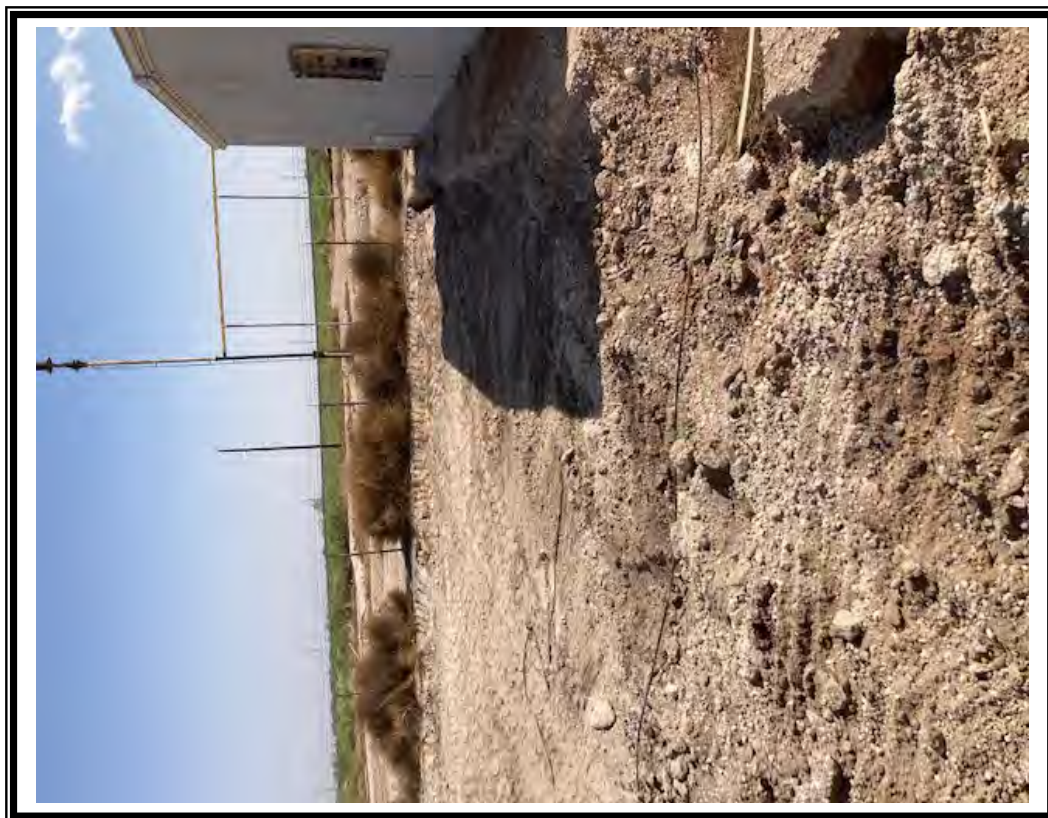


OXY -SHU RMT INJ BLDG 3 , LEAK DATE (1/2/18) , (6/9/21)





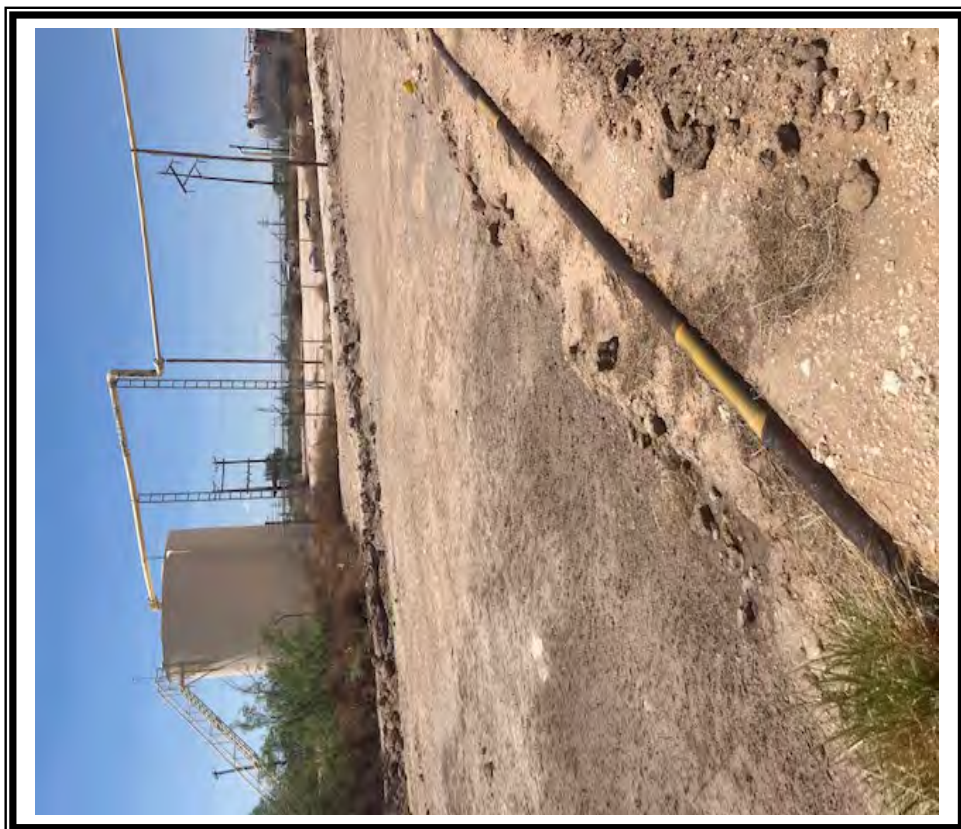
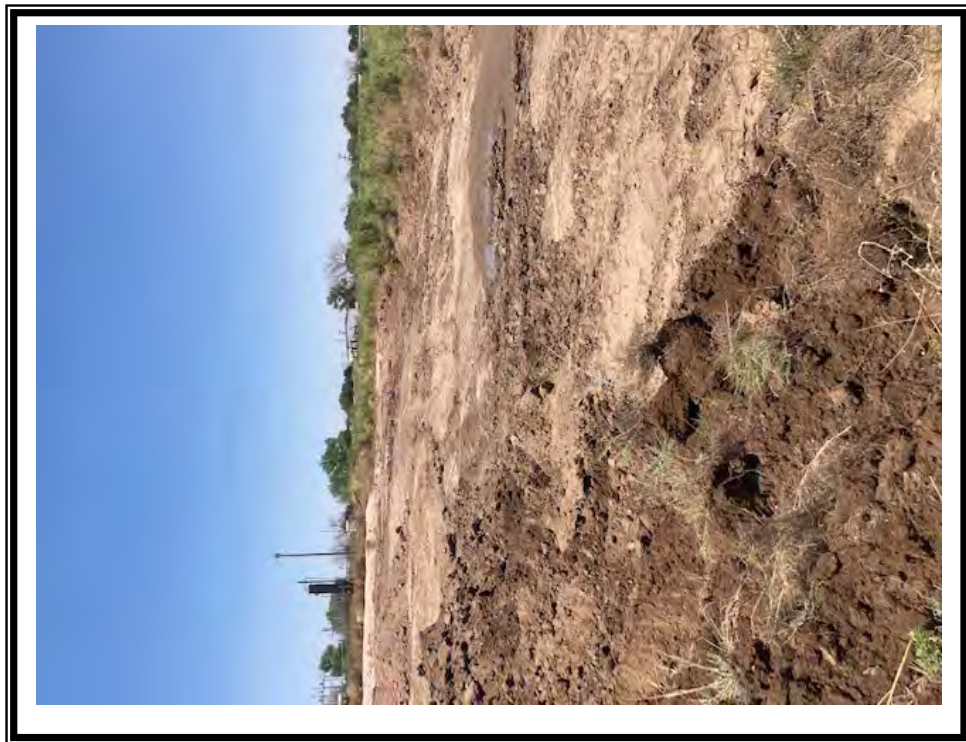
OXY -SHU RMT INJ BLDG 3 , LEAK DATE (1/2/18) , (6/9/21)





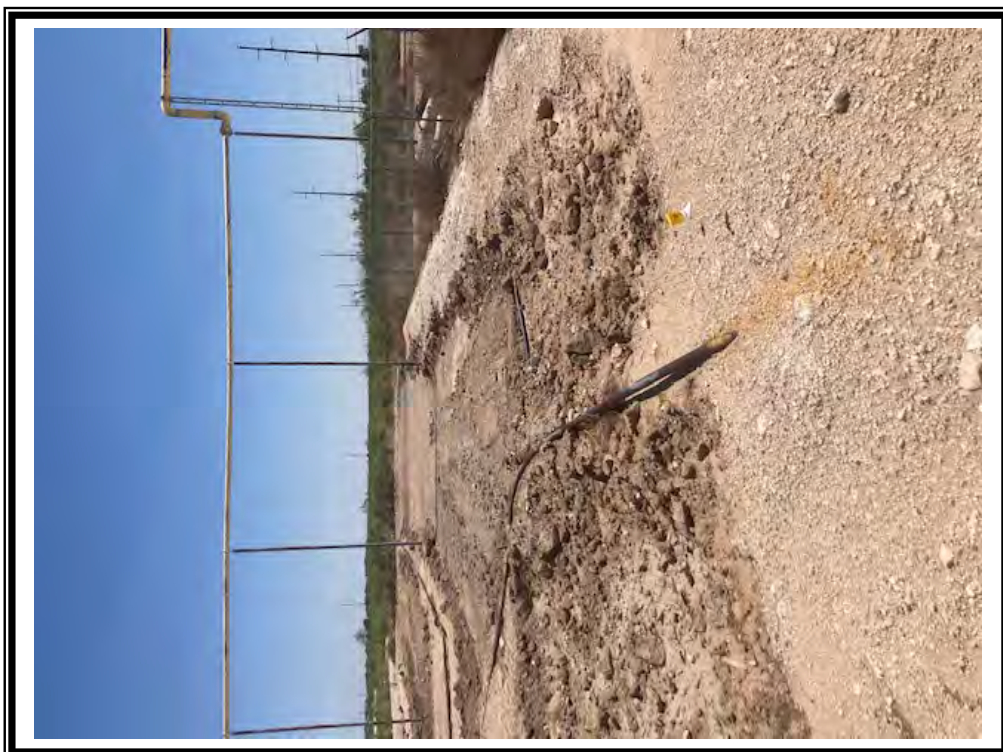
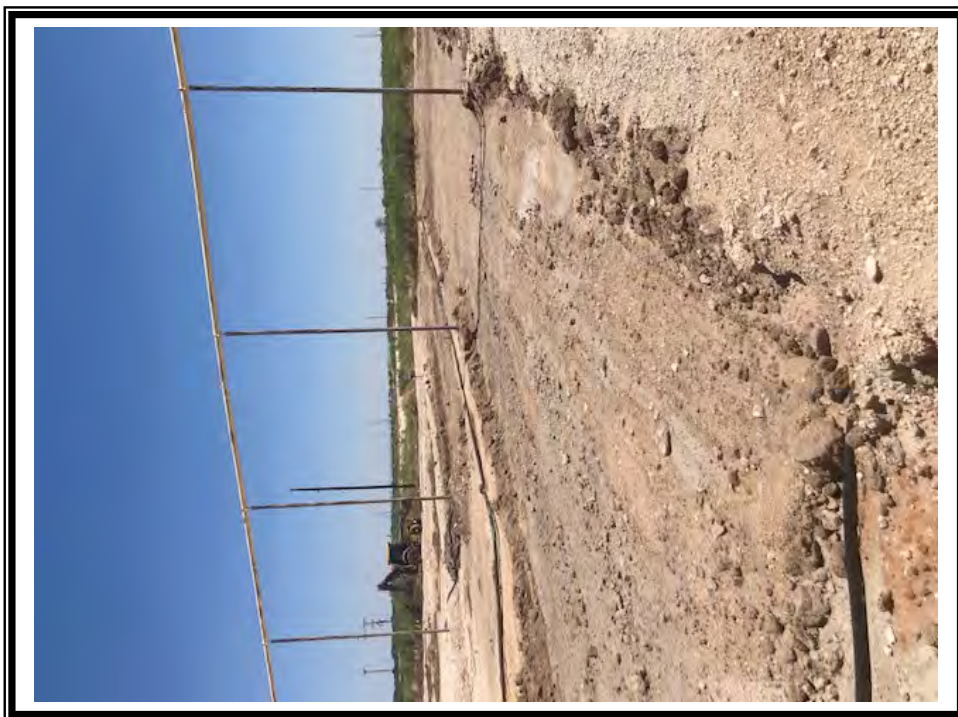


OXY -SHU RMT INJ BLDG 3 , LEAK DATE (1/2/18) , (6/9/21)





OXY -SHU RMT INJ BLDG 3 , LEAK DATE (1/2/18) , (6/9/21)







OXY -SHU RMT INJ BLDG 3 , LEAK DATE (1/2/18) , (6/9/21)





OXY -SHU RMT INJ BLDG 3 , LEAK DATE (1/2/18) , (6/9/21)







OXY -SHU RMT INJ BLDG 3 , LEAK DATE (1/2/18) , (6/9/21)





OXY -SHU RMT INJ BLDG 3 , LEAK DATE (1/2/18) , (6/9/21)





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

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June 22, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SHU RMT INJ BLDG #3

Enclosed are the results of analyses for samples received by the laboratory on 06/16/22 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	06/16/2022	Sampling Date:	06/15/2022
Reported:	06/22/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG #3	Sampling Condition:	Cool & Intact
Project Number:	(6/9/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: SW 10 (H222586-01)**

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	06/18/2022	ND	2.09	104	2.00	3.68	
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66	
Total BTX	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	160	16.0	06/20/2022	ND	432	108	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 76.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.3 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG #3  
 Project Number: (6/9/21)  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 11 (H222586-02)**

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	06/18/2022	ND	2.09	104	2.00	3.68	
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66	
Total BTEX	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	48.0	16.0	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 67.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 72.2 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG #3  
 Project Number: (6/9/21)  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 171 @ 2' (H222586-03)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	3.68		
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87		
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66		
Total BTEx	<0.300	0.300	06/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 82.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/16/2022	Sampling Date:	06/15/2022
Reported:	06/22/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG #3	Sampling Condition:	Cool & Intact
Project Number:	(6/9/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BS 172 @ 2' (H222586-04)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	3.68	
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66	
Total BTEx	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	48.0	16.0	06/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 72.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG #3  
 Project Number: (6/9/21)  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 173 @ 2' (H222586-05)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	3.68		
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87		
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66		
Total BTEx	<0.300	0.300	06/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 76.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG #3  
 Project Number: (6/9/21)  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 174 @ 2' (H222586-06)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	3.68	
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66	
Total BTX	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.4 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG #3  
 Project Number: (6/9/21)  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 175 @ 2' (H222586-07)**

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	06/18/2022	ND	2.09	104	2.00	3.68	
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66	
Total BTEX	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	06/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 86.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.0 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG #3  
 Project Number: (6/9/21)  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 176 @ 2' (H222586-08)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/18/2022	ND	2.05	103	2.00	0.824		
Toluene*	<0.050	0.050	06/18/2022	ND	2.03	102	2.00	0.962		
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.91	95.4	2.00	1.11		
Total Xylenes*	<0.150	0.150	06/18/2022	ND	5.94	98.9	6.00	0.792		
Total BTX	<0.300	0.300	06/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	06/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2022	ND	216	108	200	2.10	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	215	108	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					

Surrogate: 1-Chlorooctane 70.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG #3  
 Project Number: (6/9/21)  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 12 (H222586-09)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/18/2022	ND	2.05	103	2.00	0.824		
Toluene*	<0.050	0.050	06/18/2022	ND	2.03	102	2.00	0.962		
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.91	95.4	2.00	1.11		
Total Xylenes*	<0.150	0.150	06/18/2022	ND	5.94	98.9	6.00	0.792		
Total BTX	<0.300	0.300	06/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	216	108	200	2.10	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	215	108	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 83.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG #3  
 Project Number: (6/9/21)  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 13 (H222586-10)**

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	06/18/2022	ND	2.05	103	2.00	0.824		
Toluene*	<0.050	0.050	06/18/2022	ND	2.03	102	2.00	0.962		
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.91	95.4	2.00	1.11		
Total Xylenes*	<0.150	0.150	06/18/2022	ND	5.94	98.9	6.00	0.792		
Total BTEx	<0.300	0.300	06/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	216	108	200	2.10	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	215	108	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

---

Celey D. Keene, Lab Director/Quality Manager





## ORDINAL LABORATORIES

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>BILL TO</b>				<b>P.O. #:</b>				
<b>Company Name:</b> BBC International, Inc.				<b>Company:</b>				
<b>Project Manager:</b> Cliff Brunson				<b>Attn:</b>				
<b>Address:</b> P.O. Box 805				<b>Address:</b>				
<b>City:</b> Hobbs				<b>State:</b> NM <b>Zip:</b> 88241				
<b>Phone #:</b> 575-397-6388				<b>Fax #:</b> 575-397-0397				
<b>Project #:</b>				<b>Project Owner:</b> Oxy				
<b>Project Name:</b> SHU RMT INJ BLDG 3 (6/9/21)				<b>State:</b>	<b>Zip:</b>			
<b>Project Location:</b> NEW MEXICO				<b>Phone #:</b>				
<b>Sampler Name:</b> ROGER				<b>Fax #:</b>				
FOR LAB USE ONLY		MATRIX	PRESERV	SAMPLING				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS  GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	DATE	TIME			
H222586	SW 10	G	V	6/15/22	4:25PM	✓	Chlorride	
	SW 11	✓		6/15/22	4:30PM	✓	BTEX	
	BS 171 @ 2'			6/15/22	4:35PM	✓	TPH EXT	
	BS 172 @ 2'			6/15/22	4:40PM	✓		
	BS 173 @ 2'			6/15/22	4:45PM	✓		
	BS 174 @ 2'			6/15/22	4:50PM	✓		
	BS 175 @ 2'			6/15/22	4:55PM	✓		
	BS 176 @ 2'			6/15/22	5:00PM	✓		
	SW 12			6/15/22	5:05PM	✓		
	SW 13			6/15/22	5:10PM	✓		

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---

<b>Relinquished By:</b>		<b>Date:</b> 6/16/22	<b>Received By:</b>	<b>CHECKED BY:</b>	<b>REMARKS:</b>
Leopold Hernandez		6/16/22	Rosario Flores	[Signature]	
<b>Delivered By:</b> (Circle One) Sampler - UPS - Bus - Other: S7E #113		<b>Date:</b> 6/16/22	<b>Time:</b> 4:45 PM	<b>Sample Condition:</b> Cool Intact Yes No	<b>Phone Result:</b> Yes No Add'l Phone #: Add'l Fax #:



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

---

June 22, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SHU RMT INJ BLDG 3

Enclosed are the results of analyses for samples received by the laboratory on 06/16/22 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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](http://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:	06/16/2022	Sampling Date:	06/15/2022
Reported:	06/22/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BS 85 @ 1.5' (H222585-01)**

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	06/17/2022	ND	2.20	110	2.00	3.98	
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50	
Total BTX	<0.300	0.300	06/17/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/17/2022	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	06/17/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 95.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 86 @ 1.5' (H222585-02)**

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	06/17/2022	ND	2.20	110	2.00	3.98	
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50	
Total BTEx	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/17/2022	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	06/17/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 87 @ 1.5' (H222585-03)**

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	06/17/2022	ND	2.20	110	2.00	3.98	
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50	
Total BTX	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/17/2022	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	06/17/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 88 @ 1.5' (H222585-04)**

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	06/17/2022	ND	2.20	110	2.00	3.98	
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50	
Total BTX	<0.300	0.300	06/17/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2022	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	06/18/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.5 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 89 @ 1.5' (H222585-05)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2022	ND	2.20	110	2.00	3.98		
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50		
Total BTEx	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2022	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	06/18/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 83.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.8 % 59.5-142

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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 90 @ 1.5' (H222585-06)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.20	110	2.00	3.98	
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50	
Total BTX	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/17/2022	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	06/18/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 86.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 91 @ 1.5' (H222585-07)**

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	06/17/2022	ND	2.20	110	2.00	3.98		
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50		
Total BTEX	<0.300	0.300	06/17/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2022	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	06/18/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 84.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 92 @ 1.5' (H222585-08)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.20	110	2.00	3.98	
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50	
Total BTX	<0.300	0.300	06/17/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/17/2022	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	06/18/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 97.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 93 @ 1.5' (H222585-09)**

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	06/17/2022	ND	2.20	110	2.00	3.98	
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50	
Total BTEX	<0.300	0.300	06/17/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2022	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	06/18/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 89.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.6 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 94 @ 1.5' (H222585-10)**

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	06/17/2022	ND	2.20	110	2.00	3.98	
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50	
Total BTEx	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2022	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	06/18/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 80.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 95 @ 1.5' (H222585-11)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.20	110	2.00	3.98	
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50	
Total BTX	<0.300	0.300	06/17/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2022	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	06/18/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 96 @ 1.5' (H222585-12)**

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	06/17/2022	ND	2.20	110	2.00	3.98	
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50	
Total BTEx	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/17/2022	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	06/18/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 90.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.9 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 97 @ 1.5' (H222585-13)**

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	06/17/2022	ND	2.20	110	2.00	3.98	
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50	
Total BTEX	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2022	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	06/18/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 98 @ 1.5' (H222585-14)**

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	06/17/2022	ND	2.20	110	2.00	3.98		
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50		
Total BTEx	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2022	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	06/18/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 93.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 99 @ 1.5' (H222585-15)**

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	06/17/2022	ND	2.20	110	2.00	3.98	
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50	
Total BTEx	<0.300	0.300	06/17/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/17/2022	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	06/18/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 97.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 100 @ 1.5' (H222585-16)**

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	06/17/2022	ND	2.20	110	2.00	3.98	
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50	
Total BTEx	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/17/2022	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	06/18/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 92.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 101 @ 1.5' (H222585-17)**

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	06/17/2022	ND	2.20	110	2.00	3.98		
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50		
Total BTEx	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/17/2022	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	06/21/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					

Surrogate: 1-Chlorooctane 76.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.6 % 59.5-142

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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 102 @ 1.5' (H222585-18)**

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	06/17/2022	ND	2.11	105	2.00	9.05	QR-03
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50	
Total BTEx	<0.300	0.300	06/17/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 77.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.3 % 59.5-142

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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 103 @ 1.5' (H222585-19)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.11	105	2.00	9.05	
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50	
Total BTEx	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 75.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 6 (H222585-20)**

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	06/17/2022	ND	2.11	105	2.00	9.05		
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50		
Total BTEx	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 69.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 75.6 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 7 (H222585-21)**

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	06/17/2022	ND	2.11	105	2.00	9.05		
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50		
Total BTEX	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 73.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 8 (H222585-22)**

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	06/17/2022	ND	2.11	105	2.00	9.05		
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50		
Total BTEX	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 77.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 104 @ 1.5' (H222585-23)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2022	ND	2.11	105	2.00	9.05		
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50		
Total BTX	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 82.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 105 @ 1.5' (H222585-24)**

BTX 8021B		mg/ kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2022	ND	2.11	105	2.00	9.05		
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50		
Total BTX	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 70.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 75.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 106 @ 1.5' (H222585-25)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.11	105	2.00	9.05	
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50	
Total BTX	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 75.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 107 @ 1.5' (H222585-26)**

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	06/17/2022	ND	2.11	105	2.00	9.05	
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50	
Total BTEx	<0.300	0.300	06/17/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 82.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.1 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 108 @ 1.5' (H222585-27)**

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	06/17/2022	ND	2.11	105	2.00	9.05	
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50	
Total BTEx	<0.300	0.300	06/17/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 75.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.0 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 109 @ 1.5' (H222585-28)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2022	ND	2.11	105	2.00	9.05		
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50		
Total BTX	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2022	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	06/21/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	42.5	10.0	06/21/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	45.1	10.0	06/21/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 110 @ 1.5' (H222585-29)**

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	06/17/2022	ND	2.11	105	2.00	9.05	
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50	
Total BTEX	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 80.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.6 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 111 @ 1.5' (H222585-30)**

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	06/17/2022	ND	2.11	105	2.00	9.05		
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50		
Total BTEX	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 72.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.4 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 112 @ 1.5' (H222585-31)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2022	ND	2.11	105	2.00	9.05		
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50		
Total BTX	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 75.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.8 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 113 @ 1.5' (H222585-32)**

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	06/17/2022	ND	2.11	105	2.00	9.05		
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50		
Total BTEx	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 80.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 114 @ 1.5' (H222585-33)**

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	06/17/2022	ND	2.11	105	2.00	9.05		
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50		
Total BTEx	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 88.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.2 % 59.5-142

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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 115 @ 1.5' (H222585-34)**

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	06/17/2022	ND	2.11	105	2.00	9.05		
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50		
Total BTEx	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	79.3	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	139	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 77.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.2 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 116 @ 1.5' (H222585-35)**

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	06/17/2022	ND	2.11	105	2.00	9.05		
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	9.27		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.31	105	6.00	9.50		
Total BTEx	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 79.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.1 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 117 @ 1.5' (H222585-36)**

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	06/18/2022	ND	2.11	105	2.00	9.05		
Toluene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	9.07		
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	2.03	102	2.00	9.27		
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.31	105	6.00	9.50		
Total BTEx	<0.300	0.300	06/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 81.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 118 @ 1.5' (H222585-37)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.11	105	2.00	9.05	
Toluene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	9.07	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	2.03	102	2.00	9.27	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.31	105	6.00	9.50	
Total BTX	<0.300	0.300	06/18/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2022	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	06/17/2022	ND	177	88.6	200	6.98	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	173	86.7	200	9.62	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 76.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.8 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 119 @ 1.5' (H222585-38)**

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	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEX	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/17/2022	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	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 78.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 75.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 120 @ 1.5' (H222585-39)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEx	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2022	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	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.8 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 121 @ 1.5' (H222585-40)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEX	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/17/2022	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	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 90.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 122 @ 1.5' (H222585-41)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEX	<0.300	0.300	06/18/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/17/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 79.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 123 @ 1.5' (H222585-42)**

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	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEx	<0.300	0.300	06/18/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/17/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 98.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 124 @ 1.5' (H222585-43)**

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	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEx	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 125 @ 1.5' (H222585-44)**

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	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEx	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 97.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 126 @ 1.5' (H222585-45)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEx	<0.300	0.300	06/18/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 80.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 127 @ 1.5' (H222585-46)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEx	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2022	ND	213	106	200	1.12	
DRO >C10-C28*	19.5	10.0	06/21/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	19.2	10.0	06/21/2022	ND					

Surrogate: 1-Chlorooctane 129 % 66.9-136

Surrogate: 1-Chlorooctadecane 128 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 128 @ 1.5' (H222585-47)**

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	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEx	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/17/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 129 @ 1.5' (H222585-48)**

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	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEx	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/17/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 81.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 130 @ 1.5' (H222585-49)**

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	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEX	<0.300	0.300	06/18/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	06/17/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 90.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 131 @ 1.5' (H222585-50)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEX	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/17/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 78.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.1 % 59.5-142

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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 132 @ 1.5' (H222585-51)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEx	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/17/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 82.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 133 @ 1.5' (H222585-52)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEx	<0.300	0.300	06/18/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/17/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 99.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 134 @ 1.5' (H222585-53)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEx	<0.300	0.300	06/18/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/17/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.5 % 59.5-142

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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 135 @ 1.5' (H222585-54)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEX	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/17/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 89.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.9 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 136 @ 1.5' (H222585-55)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEx	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	06/17/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 90.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.9 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 137 @ 1.5' (H222585-56)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEx	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/17/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 93.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.7 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 138 @ 1.5' (H222585-57)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.05	102	2.00	2.30	
Toluene*	<0.050	0.050	06/18/2022	ND	2.01	100	2.00	2.75	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.97	98.4	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	2.21	
Total BTEx	<0.300	0.300	06/18/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/17/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	213	106	200	1.12	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	213	107	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 139 @ 1.5' (H222585-58)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38	
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03	
Total BTX	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/17/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 140 @ 1.5' (H222585-59)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38	
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03	
Total BTX	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/17/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.2 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 141 @ 1.5' (H222585-60)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38	
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03	
Total BTX	<0.300	0.300	06/17/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/17/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 142 @ 1.5' (H222585-61)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38		
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03		
Total BTEx	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	192	16.0	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 143 @ 1.5' (H222585-62)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38	
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03	
Total BTX	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	256	16.0	06/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 144 @ 1.5' (H222585-63)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38	
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03	
Total BTX	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	176	16.0	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.6 % 59.5-142

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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 145 @ 1.5' (H222585-64)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38	
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03	
Total BTEx	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	176	16.0	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 146 @ 1.5' (H222585-65)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38	
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03	
Total BTX	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	144	16.0	06/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 94.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 147 @ 1.5' (H222585-66)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38	
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03	
Total BTEx	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	128	16.0	06/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 86.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 148 @ 1.5' (H222585-67)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38	
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03	
Total BTX	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	144	16.0	06/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.9 % 59.5-142

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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 149 @ 1.5' (H222585-68)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38		
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03		
Total BTEx	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	160	16.0	06/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 150 @ 1.5' (H222585-69)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38	
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03	
Total BTEx	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	144	16.0	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 151 @ 1.5' (H222585-70)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38	
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03	
Total BTX	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	160	16.0	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 152 @ 1.5' (H222585-71)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38	
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03	
Total BTEx	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	128	16.0	06/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 153 @ 1.5' (H222585-72)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38	
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03	
Total BTEx	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	80.0	16.0	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 99.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 154 @ 1.5' (H222585-73)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38	
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03	
Total BTX	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	64.0	16.0	06/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 155 @ 1.5' (H222585-74)**

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	06/17/2022	ND	2.08	104	2.00	8.38		
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03		
Total BTX	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	96.0	16.0	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 86.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 156 @ 1.5' (H222585-75)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38	
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03	
Total BTX	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	128	16.0	06/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 86.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 157 @ 1.5' (H222585-76)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38		
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69		
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50		
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03		
Total BTX	<0.300	0.300	06/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	144	16.0	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 158 @ 1.5' (H222585-77)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.08	104	2.00	8.38	
Toluene*	<0.050	0.050	06/17/2022	ND	2.07	104	2.00	8.69	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.95	97.3	2.00	8.50	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.06	101	6.00	8.03	
Total BTX	<0.300	0.300	06/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	64.0	16.0	06/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	220	110	200	1.42	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	226	113	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 159 @ 1.5' (H222585-78)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	3.68	
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66	
Total BTEx	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	96.0	16.0	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 67.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 72.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 160 @ 1.5' (H222585-79)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	3.68	
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66	
Total BTX	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	128	16.0	06/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 79.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.5 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 161 @ 1.5' (H222585-80)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	3.68		
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87		
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66		
Total BTEx	<0.300	0.300	06/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	112	16.0	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 77.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 162 @ 1.5' (H222585-81)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	3.68	
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66	
Total BTX	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	80.0	16.0	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 67.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 163 @ 1.5' (H222585-82)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	3.68		
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87		
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66		
Total BTEx	<0.300	0.300	06/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	48.0	16.0	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					

Surrogate: 1-Chlorooctane 120 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 164 @ 1.5' (H222585-83)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	3.68	
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66	
Total BTX	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	192	16.0	06/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 82.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 165 @ 1.5' (H222585-84)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	3.68		
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87		
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66		
Total BTEx	<0.300	0.300	06/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	160	16.0	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 166 @ 1.5' (H222585-85)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	3.68		
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87		
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66		
Total BTEX	<0.300	0.300	06/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	96.0	16.0	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 68.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.0 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 167 @ 1.5' (H222585-86)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	3.68		
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87		
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66		
Total BTEx	<0.300	0.300	06/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	176	16.0	06/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 83.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 168 @ 1.5' (H222585-87)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	3.68		
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87		
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66		
Total BTEx	<0.300	0.300	06/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	48.0	16.0	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.0 % 59.5-142

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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: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 169 @ 1.5' (H222585-88)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	3.68	
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66	
Total BTEx	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	192	16.0	06/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 170 @ 1.5' (H222585-89)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	3.68	
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66	
Total BTX	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	144	16.0	06/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/18/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/18/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/18/2022	ND					

Surrogate: 1-Chlorooctane 78.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/16/2022  
 Reported: 06/22/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/15/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 9 (H222585-90)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2022	ND	2.09	104	2.00	3.68	
Toluene*	<0.050	0.050	06/18/2022	ND	2.07	104	2.00	3.87	
Ethylbenzene*	<0.050	0.050	06/18/2022	ND	1.95	97.5	2.00	3.86	
Total Xylenes*	<0.150	0.150	06/18/2022	ND	6.10	102	6.00	3.66	
Total BTX	<0.300	0.300	06/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	128	16.0	06/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2022	ND	194	97.1	200	2.35	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	199	99.6	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					

Surrogate: 1-Chlorooctane 67.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 65.4 % 59.5-142

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### Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

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

---

Celey D. Keene, Lab Director/Quality Manager



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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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**CARDINAL LABORATORIES**  
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(505) 393-2326 FAX (505) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

<b>Company Name:</b> BBC International, Inc.		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>									
<b>Project Manager:</b> Cliff Brunson		<b>P.O. #:</b>											
<b>Address:</b> P.O. Box 805		<b>Company:</b>											
<b>City:</b> Hobbs		<b>Attn:</b>											
<b>State:</b> NM <b>Zip:</b> 88241		<b>Address:</b>											
<b>Phone #:</b> 575-397-6388 <b>Fax #:</b> 575-397-0397		<b>City:</b>											
<b>Project #:</b>		<b>State:</b>											
<b>Project Name:</b> SHU RMT INJ BLDG 3 (6/9/21)		<b>Zip:</b>											
<b>Project Location:</b> NEW MEXICO		<b>Phone #:</b>											
<b>Sampler Name:</b> ROGER		<b>Fax #:</b>											
<b>FOR LAB USE ONLY</b>													
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>(G)RAB OR (C)OMP.</b>		<b># CONTAINERS</b>		<b>MATRIX</b>		<b>PRESERV</b>		<b>SAMPLING</b>	
H22585													
11 BS 95 @ 1.5'													
12 BS 96 @ 1.5'													
13 BS 97 @ 1.5'													
14 BS 98 @ 1.5'													
15 BS 99 @ 1.5'													
16 BS 100 @ 1.5'													
17 BS 101 @ 1.5'													
18 BS 102 @ 1.5'													
19 BS 103 @ 1.5'													
20 SW 6													
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<b>Relinquished By:</b>		<b>Date:</b> 6/16/22		<b>Received By:</b>		<b>Date:</b> 6/16/22		<b>Time:</b> 8:30am		<b>Time:</b> 8:45am			
<b>Relinquished By:</b> Roger Hernandez				<b>Received By:</b> Jacob Loma									
<b>Delivered By:</b> (Circle One) <b>UPS</b> <b>Bus</b> <b>Other:</b>		<b>Sample Condition</b>		<b>CHECKED BY:</b>		<b>COOL</b>		<b>INTACT</b>		<b>YES</b>		<b>NO</b>	
-5.25 C-0.52		<input type="checkbox"/> Yes <input type="checkbox"/> No		-5.76 #113		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>REMARKS:</b>													

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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:																			
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 BLDG 3 (6/9/21)						City:																			
Project Location: NEW MEXICO						State: Zip:																			
Sample Name: ROGER						Phone #:																			
FOR LAB USE ONLY						Fax #:																			
Lab I.D.						Matrix		PRESERV		SAMPLING															
Sample I.D.						(G)RAB OR (C)OMP.																			
						# CONTAINERS																			
						GROUNDWATER																			
						WASTEWATER																			
						SOIL																			
						OIL																			
						SLUDGE																			
						OTHER :																			
						ACID/BASE:																			
						ICE / COOL																			
						OTHER :																			
H223585						DATE		TIME				chlorride													
21 SW 7						6/15/22		10:10AM				BTEx													
22 SW 8						6/15/22		10:15AM				TPH EXT													
23 BS 104 @ 1.5'						6/15/22		10:20AM																	
24 BS 105 @ 1.5'						6/15/22		10:25AM																	
25 BS 106 @ 1.5'						6/15/22		10:30AM																	
26 BS 107 @ 1.5'						6/15/22		10:35AM																	
27 BS 108 @ 1.5'						6/15/22		10:40AM																	
28 BS 109 @ 1.5'						6/15/22		10:45AM																	
29 BS 110 @ 1.5'						6/15/22		10:50AM																	
30 BS 111 @ 1.5'						6/15/22		10:55AM																	
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Relinquished By: Roger Hernandez Date: 6/16/22 Time: 6:30pm Received By: Daniel Hena Date: 6/16/22 Time: 10:45														Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Fax #:									
Delivered By: (Circle One) -5.2e case -5.7e #13														Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact		CHECKED BY: (Initials) VB									
Sampler - UPS - Bus - Other:														<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No											



**CARDINAL LABORATORIES**
 101 East Marland, Hobbs, NM 88240  
 (505) 393-2326 FAX (505) 393-2476
**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: BBC International, Inc.		<b>BILL TO</b>		P.O. #:		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company:		Address:			
Address: P.O. Box 805		Attn:		City:			
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 BLDG 3 (6/9/21)		State:		Zip:			
Project Location: NEW MEXICO		Phone #:		Fax #:			
Sampler Name: ROGER		FOR LAB USE ONLY					

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	Chloride	BTEX	TPH	EXT
31	BS 112 @ 1.5'						6/15/22	11:00AM	✓	✓	✓	✓
32	BS 113 @ 1.5'						6/15/22	11:05AM	✓	✓	✓	✓
33	BS 114 @ 1.5'						6/15/22	11:10AM	✓	✓	✓	✓
34	BS 115 @ 1.5'						6/15/22	11:15AM	✓	✓	✓	✓
35	BS 116 @ 1.5'						6/15/22	11:20AM	✓	✓	✓	✓
36	BS 117 @ 1.5'						6/15/22	11:25AM	✓	✓	✓	✓
37	BS 118 @ 1.5'						6/15/22	11:30AM	✓	✓	✓	✓
38	BS 119 @ 1.5'						6/15/22	11:35AM	✓	✓	✓	✓
39	BS 120 @ 1.5'						6/15/22	11:40AM	✓	✓	✓	✓
40	BS 121 @ 1.5'						6/15/22	11:45AM	✓	✓	✓	✓

Relinquished By: <i>Roger Hernandez</i>	Date: 6/16/22	Received By: <i>David R. Jones</i>	Date: 6/16/22
Time: 8:30 AM		Time: 1:45 PM	

Delivered By: (Circle One)	UPS	Bus	Other
Sample Condition	Intact	Cool	Yes
Checked By: <i>David R. Jones</i>	Initials: <i>DRJ</i>		

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc.		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>									
<b>Project Manager:</b> Cliff Brunson		<b>P.O. #:</b>											
<b>Address:</b> P.O. Box 805		<b>Company:</b>											
<b>City:</b> Hobbs		<b>Attn:</b>											
<b>Phone #:</b> 575-397-6388		<b>Address:</b>											
<b>Fax #:</b> 575-397-0397		<b>City:</b>											
<b>Project #:</b>		<b>State:</b>											
<b>Project Name:</b> SHU RMT INJ BLDG 3 (6/9/21)		<b>Zip:</b>											
<b>Project Location:</b> NEW MEXICO		<b>Phone #:</b>											
<b>Sampler Name:</b> ROGER		<b>Fax #:</b>											
<small>FOR LAB USE ONLY</small>													
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>(G)RAB OR (C)OMP.</b>		<b># CONTAINERS</b>		<b>MATRIX</b>		<b>PRESERV.</b>		<b>SAMPLING</b>	
								GROUNDWATER					
								WASTEWATER					
								SOIL					
								OIL					
								SLUDGE					
								OTHER :					
								ACID/BASE:					
								ICE / COOL					
								OTHER :					
								<b>DATE</b>		<b>TIME</b>			
411		BS 122 @ 1.5'		Q		1		6/15/22		11:50AM		Chloride	
412		BS 123 @ 1.5'						6/15/22		11:55AM		BTex	
43		BS 124 @ 1.5'						6/15/22		12:00PM		TPH EXT	
44		BS 125 @ 1.5'						6/15/22		12:30PM			
45		BS 126 @ 1.5'						6/15/22		12:35PM			
46		BS 127 @ 1.5'						6/15/22		12:40PM			
47		BS 128 @ 1.5'						6/15/22		12:45PM			
48		BS 129 @ 1.5'						6/15/22		12:50PM			
49		BS 130 @ 1.5'						6/15/22		12:55PM			
50		BS 131 @ 1.5'						6/15/22		1:00PM			
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>													
<b>Relinquished By:</b>		<b>Date:</b>		<b>Received By:</b>		<b>Date:</b>		<b>Time:</b>		<b>Time:</b>		<b>Phone Result:</b>	
Roger Hernandez		6/16/22		Roger Hernandez		6/16/22		14:45		14:45		<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Relinquished By:</b>		<b>Date:</b>		<b>Received By:</b>		<b>Date:</b>		<b>Time:</b>		<b>Time:</b>		<b>Fax Result:</b>	
Roger Hernandez		6/16/22		Roger Hernandez		6/16/22		14:45		14:45		<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Delivered By: (Circle One)</b>		<b>-5:22 C-056</b>		<b>Sample Condition</b>		<b>CHECKED BY:</b>		<b>Initials</b>		<b>Initials</b>			
<b>Sampler - UPS - Bus - Other:</b>		<b>-5:17 C #113</b>		<b>Yes</b>		<b>No</b>		<b>Yes</b>		<b>No</b>			

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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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ORDINAL LABORATORIES

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

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]





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

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.										BILL TO										ANALYSIS REQUEST									
Project Manager: Cliff Brunson										P.O. #:																			
Address: P.O. Box 805										Company:																			
City: Hobbs										Attn:																			
State: NM Zip: 88241										Address:																			
Phone #: 575-397-6388										City:																			
Fax #: 575-397-0397										State:																			
Project #: Project Owner: Oxy										Zip:																			
Project Name: SHU RMT INJ BLDG 3 (6/9/21)										Phone #:																			
Project Location: NEW MEXICO										Fax #:																			
Sampler Name: ROGER										PRESERV										SAMPLING									
FOR LAB USE ONLY										MATRIX																			
Lab I.D.										Sample I.D.																			
H222585										(G)RAB OR (C)OMP.																			
81										# CONTAINERS																			
82										GROUNDWATER																			
83										WASTEWATER																			
84										SOIL																			
85										OIL																			
86										SLUDGE																			
87										OTHER :																			
88										ACID/BASE:																			
89										ICE / COOL																			
90										OTHER :																			
SW 9																													
DATE										TIME																			
6/15/22										3:35PM										Chloride									
6/15/22										3:40PM										BTX									
6/15/22										3:45PM										TPH EXT									
6/15/22										3:50PM																			
6/15/22										3:55PM																			
6/15/22										4:00PM																			
6/15/22										4:05PM																			
6/15/22										4:10PM																			
6/15/22										4:15PM																			
6/15/22										4:20PM																			
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 #:																			

Page 101 of 101



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

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July 28, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SHU RMT INJ BLDG 3

Enclosed are the results of analyses for samples received by the laboratory on 07/22/22 15:28.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 07/22/2022  
 Reported: 07/28/2022  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BS 115 A @ 2' (H223235-01)**

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	07/26/2022	ND	1.94	97.2	2.00	0.932		
<b>Toluene*</b>	<b>0.169</b>	0.050	07/26/2022	ND	2.07	103	2.00	2.76		
Ethylbenzene*	<0.050	0.050	07/26/2022	ND	2.01	101	2.00	0.988		
Total Xylenes*	<0.150	0.150	07/26/2022	ND	6.29	105	6.00	1.22		
Total BTEX	<0.300	0.300	07/26/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	144	16.0	07/27/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2022	ND	193	96.5	200	25.9	
DRO >C10-C28*	<10.0	10.0	07/26/2022	ND	165	82.4	200	25.7	
EXT DRO >C28-C36	<10.0	10.0	07/26/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 43-149

Surrogate: 1-Chlorooctadecane 97.6 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

---

Celey D. Keene, Lab Director/Quality Manager



# **CARDINAL LABORATORIES**

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

## **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

<b>Company Name:</b> BBC International, Inc. <b>Project Manager:</b> Cliff Brunson <b>Address:</b> P.O. Box 805 <b>City:</b> Hobbs <b>Phone #:</b> 575-397-6388 <b>Project #:</b> <b>Project Name:</b> SHU RMT INJ BLDG 3 (6/9/21) <b>Project Location:</b> New Mexico <b>Sampler Name:</b> RAY		<b>State:</b> NM <b>Zip:</b> 88241 <b>Fax #:</b> 575-397-0397 <b>Project Owner:</b> Oxy <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>		<b>BILL TO</b> <b>P.O. #:</b> <b>Company:</b> Oxy <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>		<b>ANALYSIS REQUEST</b>															
<b>FOR LAB USE ONLY</b> <b>Lab I.D.</b> <b>Sample I.D.</b> BS 115 A @ 2'		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV. SAMPLING		DATE TIME		7/21/22 9:30AM		Chloride BTEX TPH EXT											
<b>Relinquished By:</b> Date: 7-1-22 Time: 9:30 <b>Relinquished By:</b> Date: 7-1-22 Time: 9:30		<b>Received By:</b> Date: 7-1-22 Time: 9:30 <b>Received By:</b> Date: 7-1-22 Time: 9:30		<b>Sample Condition</b> Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>CHECKED BY:</b> (Initials) SR		<b>REMARKS:</b>													
<b>Delivered By:</b> (Circle One) -74°C -8.0°C #113 <b>Sampler - UPS - Bus - Other:</b>		<b>Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476</b>																			



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

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June 28, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SHU RMT INJ BLDG 3

Enclosed are the results of analyses for samples received by the laboratory on 06/22/21 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/22/2021	Sampling Date:	06/17/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: SP N @ SURFACE (H211622-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	3.32	
Toluene*	<0.050	0.050	06/23/2021	ND	1.99	99.6	2.00	3.55	
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.91	95.6	2.00	3.65	
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.80	96.6	6.00	3.67	
Total BTEX	<0.300	0.300	06/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2021	ND	207	104	200	0.370	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 98.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.8 % 38.9-142

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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: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP E @ SURFACE (H211622-02)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	3.32		
Toluene*	<0.050	0.050	06/23/2021	ND	1.99	99.6	2.00	3.55		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.91	95.6	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.80	96.6	6.00	3.67		
Total BTX	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	10.7	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	12.9	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 99.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

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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: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP W @ SURFACE (H211622-03)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	3.32		
Toluene*	<0.050	0.050	06/23/2021	ND	1.99	99.6	2.00	3.55		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.91	95.6	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.80	96.6	6.00	3.67		
Total BTEX	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	48.0	16.0	06/24/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 95.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.9 % 38.9-142

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:	06/22/2021	Sampling Date:	06/17/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: SP S @ SURFACE (H211622-04)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	3.32		
Toluene*	<0.050	0.050	06/23/2021	ND	1.99	99.6	2.00	3.55		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.91	95.6	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.80	96.6	6.00	3.67		
Total BTEX	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	12.4	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	24.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/22/2021	Sampling Date:	06/17/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: SP 1 @ SURFACE (H211622-05)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	3.32		
Toluene*	<0.050	0.050	06/23/2021	ND	1.99	99.6	2.00	3.55		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.91	95.6	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.80	96.6	6.00	3.67		
Total BTEX	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	1090	16.0	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	75.3	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	34.2	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 95.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 104 % 38.9-142

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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: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 1 @ 1' (H211622-06)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	3.32		
Toluene*	<0.050	0.050	06/23/2021	ND	1.99	99.6	2.00	3.55		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.91	95.6	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.80	96.6	6.00	3.67		
Total BTEx	<0.300	0.300	06/23/2021	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	240	16.0	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 95.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.6 % 38.9-142

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**Analytical Results For:**

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

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 1 @ 2' (H211622-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	06/24/2021	ND	432	108	400	0.00		

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Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 2 @ SURFACE (H211622-08)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	2.06	103	2.00	3.32		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.6	2.00	3.55		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.91	95.6	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.80	96.6	6.00	3.67		
Total BTEX	<0.300	0.300	06/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	3760	16.0	06/24/2021	ND	432	108	400	3.77	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	56.5	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	19.9	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 98.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 105 % 38.9-142

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**Analytical Results For:**

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 Fax To: (575) 397-0397

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 2 @ 1' (H211622-09)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	3.32	
Toluene*	<0.050	0.050	06/23/2021	ND	1.99	99.6	2.00	3.55	
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.91	95.6	2.00	3.65	
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.80	96.6	6.00	3.67	
Total BTX	<0.300	0.300	06/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	624	16.0	06/24/2021	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	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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**Analytical Results For:**

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 Fax To: (575) 397-0397

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 2 @ 2' (H211622-10)**

Chloride, SM4500Cl-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	06/24/2021	ND	432	108	400	3.77		

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 Fax To: (575) 397-0397

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 3 @ SURFACE (H211622-11)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	3.32		
Toluene*	<0.050	0.050	06/23/2021	ND	1.99	99.6	2.00	3.55		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.91	95.6	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.80	96.6	6.00	3.67		
Total BTEX	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	2120	16.0	06/24/2021	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	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	123	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	47.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 97.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 109 % 38.9-142

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**Analytical Results For:**

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

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 3 @ 1' (H211622-12)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	3.32	
Toluene*	<0.050	0.050	06/23/2021	ND	1.99	99.6	2.00	3.55	
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.91	95.6	2.00	3.65	
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.80	96.6	6.00	3.67	
Total BTEx	<0.300	0.300	06/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	160	16.0	06/24/2021	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	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 108 % 44.3-133

Surrogate: 1-Chlorooctadecane 112 % 38.9-142

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**Analytical Results For:**

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

Received:	06/22/2021	Sampling Date:	06/17/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: SP 3 @ 2' (H211622-13)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	06/24/2021	ND	432	108	400	3.77		

**Sample ID: SP 3 @ 3' (H211622-14)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	06/24/2021	ND	432	108	400	3.77		

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**Analytical Results For:**

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 Fax To: (575) 397-0397

Received:	06/22/2021	Sampling Date:	06/17/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: SP 4 @ SURFACE (H211622-15)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	3.32		
Toluene*	<0.050	0.050	06/23/2021	ND	1.99	99.6	2.00	3.55		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.91	95.6	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.80	96.6	6.00	3.67		
Total BTX	<0.300	0.300	06/23/2021	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	2080	16.0	06/24/2021	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	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	33.9	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	14.8	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 98.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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**Analytical Results For:**

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Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 4 @ 1' (H211622-16)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	2.06	103	2.00	3.32		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.6	2.00	3.55		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.91	95.6	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.80	96.6	6.00	3.67		
Total BTEx	<0.300	0.300	06/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	160	16.0	06/24/2021	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	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 38.9-142

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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: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 5 @ SURFACE (H211622-17)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	2.06	103	2.00	3.32		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.6	2.00	3.55		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.91	95.6	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.80	96.6	6.00	3.67		
Total BTX	<0.300	0.300	06/24/2021	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	7460	16.0	06/24/2021	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	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 63.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 63.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 5 @ 1' (H211622-18)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	2.06	103	2.00	3.32		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.6	2.00	3.55		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.91	95.6	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.80	96.6	6.00	3.67		
Total BTEx	<0.300	0.300	06/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	208	16.0	06/24/2021	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	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 99.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 104 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 5 @ 2' (H211622-19)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/24/2021	ND	432	108	400	3.77		

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**Analytical Results For:**

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 Fax To: (575) 397-0397

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 6 @ SURFACE (H211622-20)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	2.06	103	2.00	3.32		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.6	2.00	3.55		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.91	95.6	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.80	96.6	6.00	3.67		
Total BTX	<0.300	0.300	06/24/2021	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	48.0	16.0	06/24/2021	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	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 94.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 6 @ 1' (H211622-21)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	2.06	103	2.00	3.32		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.6	2.00	3.55		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.91	95.6	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.80	96.6	6.00	3.67		
Total BTEx	<0.300	0.300	06/24/2021	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	32.0	16.0	06/24/2021	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	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 108 % 38.9-142

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**Analytical Results For:**

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

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 6 @ 2' (H211622-22)****Chloride, SM4500Cl-B****mg/kg****Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	06/24/2021	ND	432	108	400	3.77	

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**Analytical Results For:**

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

Received:	06/22/2021	Sampling Date:	06/17/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: SP 7 @ SURFACE (H211622-23)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	2.06	103	2.00	3.32		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.6	2.00	3.55		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.91	95.6	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.80	96.6	6.00	3.67		
Total BTEX	<0.300	0.300	06/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	11200	16.0	06/24/2021	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	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	113	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	55.3	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 80.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 7 @ 1' (H211622-24)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	2.06	103	2.00	3.32		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.6	2.00	3.55		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.91	95.6	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.80	96.6	6.00	3.67		
Total BTEx	<0.300	0.300	06/24/2021	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	528	16.0	06/24/2021	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	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 99.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/22/2021	Sampling Date:	06/17/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: SP 7 @ 2' (H211622-25)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	06/24/2021	ND	432	108	400	3.77		

**Sample ID: SP 7 @ 3' (H211622-26)**

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	06/24/2021	ND	432	108	400	3.77	

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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: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 8 @ SURFACE (H211622-27)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	2.06	103	2.00	3.32		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.6	2.00	3.55		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.91	95.6	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.80	96.6	6.00	3.67		
Total BTEx	<0.300	0.300	06/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	3680	16.0	06/24/2021	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	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 99.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 114 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 8 @ 1' (H211622-28)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	1.96	98.0	2.00	4.10		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.4	2.00	5.59		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.94	97.1	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.84	97.4	6.00	4.23		
Total BTEx	<0.300	0.300	06/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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	176	16.0	06/24/2021	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	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 119 % 38.9-142

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**Analytical Results For:**

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

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/17/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 8 @ 2' (H211622-29)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	06/24/2021	ND	432	108	400	3.77		

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 Fax To: (575) 397-0397

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/18/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 9 @ SURFACE (H211622-30)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2021	ND	1.96	98.0	2.00	4.10	
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.4	2.00	5.59	
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.94	97.1	2.00	3.86	
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.84	97.4	6.00	4.23	
Total BTEX	<0.300	0.300	06/24/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 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	3840	16.0	06/24/2021	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	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	100	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 78.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.0 % 38.9-142

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**Analytical Results For:**

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

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/18/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 9 @ 1' (H211622-31)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2021	ND	1.96	98.0	2.00	4.10	
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.4	2.00	5.59	
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.94	97.1	2.00	3.86	
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.84	97.4	6.00	4.23	
Total BTEX	<0.300	0.300	06/24/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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	336	16.0	06/24/2021	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	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 92.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 104 % 38.9-142

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**Analytical Results For:**

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

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/18/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 9 @ 2' (H211622-32)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	06/24/2021	ND	432	108	400	3.77		

**Sample ID: SP 9 @ 3' (H211622-33)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/24/2021	ND	432	108	400	3.77	

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 Fax To: (575) 397-0397

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/18/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 10 @ SURFACE (H211622-34)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	1.96	98.0	2.00	4.10		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.4	2.00	5.59		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.94	97.1	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.84	97.4	6.00	4.23		
Total BTEx	<0.300	0.300	06/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 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	320	16.0	06/24/2021	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	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 89.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.8 % 38.9-142

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**Analytical Results For:**

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

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/18/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 10 @ 1' (H211622-35)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	1.96	98.0	2.00	4.10		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.4	2.00	5.59		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.94	97.1	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.84	97.4	6.00	4.23		
Total BTEx	<0.300	0.300	06/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	06/24/2021	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	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 89.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 101 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/22/2021	Sampling Date:	06/18/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: SP 10 @ 2' (H211622-36)**

Chloride, SM4500Cl-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	06/24/2021	ND	432	108	400	3.77		

**Sample ID: SP 10 @ 3' (H211622-37)**

Chloride, SM4500Cl-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	06/24/2021	ND	432	108	400	3.77	

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

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/18/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 11 @ SURFACE (H211622-38)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	1.96	98.0	2.00	4.10		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.4	2.00	5.59		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.94	97.1	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.84	97.4	6.00	4.23		
Total BTEx	<0.300	0.300	06/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	512	16.0	06/24/2021	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	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 86.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.5 % 38.9-142

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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: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/18/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 11 @ 1' (H211622-39)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	1.96	98.0	2.00	4.10		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.4	2.00	5.59		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.94	97.1	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.84	97.4	6.00	4.23		
Total BTX	<0.300	0.300	06/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	432	16.0	06/24/2021	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	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 87.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.4 % 38.9-142

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**Analytical Results For:**

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

Received:	06/22/2021	Sampling Date:	06/18/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: SP 11 @ 2' (H211622-40)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	06/24/2021	ND	432	108	400	3.77		

**Sample ID: SP 11 @ 3' (H211622-42)**

Chloride, SM4500Cl-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	06/24/2021	ND	432	108	400	3.77	

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**Analytical Results For:**

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

Received:	06/22/2021	Sampling Date:	06/18/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: SP 12 @ SURFACE (H211622-43)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	1.96	98.0	2.00	4.10		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.4	2.00	5.59		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.94	97.1	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.84	97.4	6.00	4.23		
Total BTX	<0.300	0.300	06/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	400	16.0	06/24/2021	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	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	366	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	299	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 77.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.6 % 38.9-142

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**Analytical Results For:**

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

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/18/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 12 @ 1' (H211622-44)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	1.96	98.0	2.00	4.10		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.4	2.00	5.59		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.94	97.1	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.84	97.4	6.00	4.23		
Total BTX	<0.300	0.300	06/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	544	16.0	06/24/2021	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	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 93.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 105 % 38.9-142

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**Analytical Results For:**

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

Received:	06/22/2021	Sampling Date:	06/18/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: SP 12 @ 2' (H211622-45)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	06/24/2021	ND	432	108	400	3.77		

**Sample ID: SP 12 @ 3' (H211622-46)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/24/2021	ND	432	108	400	3.77	

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**Analytical Results For:**

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

Received:	06/22/2021	Sampling Date:	06/18/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: SP 13 @ SURFACE (H211622-47)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	1.96	98.0	2.00	4.10		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.4	2.00	5.59		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.94	97.1	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.84	97.4	6.00	4.23		
Total BTEx	<0.300	0.300	06/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	416	16.0	06/24/2021	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	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	159	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	139	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 85.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

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**Analytical Results For:**

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

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/18/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 13 @ 1' (H211622-48)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	1.96	98.0	2.00	4.10		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.4	2.00	5.59		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.94	97.1	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.84	97.4	6.00	4.23		
Total BTEx	<0.300	0.300	06/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 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	448	16.0	06/24/2021	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	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 98.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/18/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 13 @ 2' (H211622-49)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	06/24/2021	ND	416	104	400	0.00	

**Sample ID: SP 13 @ 3' (H211622-50)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/24/2021	ND	416	104	400	0.00	

**Sample ID: SP 13 @ 4' (H211622-51)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	06/24/2021	ND	416	104	400	0.00		

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**Analytical Results For:**

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

Received:	06/22/2021	Sampling Date:	06/18/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: SP 14 @ SURFACE (H211622-52)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2021	ND	1.96	98.0	2.00	4.10	
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.4	2.00	5.59	
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.94	97.1	2.00	3.86	
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.84	97.4	6.00	4.23	
Total BTEX	<0.300	0.300	06/24/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 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	464	16.0	06/24/2021	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	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	166	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	139	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 101 % 38.9-142

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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: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/18/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 14 @ 1' (H211622-53)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2021	ND	1.96	98.0	2.00	4.10		
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.4	2.00	5.59		
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.94	97.1	2.00	3.86		
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.84	97.4	6.00	4.23		
Total BTEx	<0.300	0.300	06/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 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	448	16.0	06/24/2021	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	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 86.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.7 % 38.9-142

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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: 06/22/2021  
 Reported: 06/28/2021  
 Project Name: SHU RMT INJ BLDG 3  
 Project Number: (6-9-21 )  
 Project Location: OXY

Sampling Date: 06/18/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 14 @ 2' (H211622-54)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	06/24/2021	ND	416	104	400	0.00		

**Sample ID: SP 14 @ 3' (H211622-55)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	06/24/2021	ND	416	104	400	0.00		

**Sample ID: SP 14 @ 4' (H211622-56)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	06/24/2021	ND	416	104	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager

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---

### Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "C. D. Keene", written over a horizontal line.

---

Celey D. Keene, Lab Director/Quality Manager





**ARDINAL LABORATORIES**

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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: BBC International, Inc.		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
Project Manager: Cliff Brunson		P.O. #:			
Address: P.O. Box 805		Company: OXY			
City: Hobbs		Attn: WADE			
Phone #: 575-397-6388		Address:			
Fax #: 575-397-0397		City:			
Project #: Project Owner: Oxy		State:			
Project Name: SHU RMT INJ BLDG 3 (6-9-21)		Zip:			
Project Location:		Phone #:			
Sampler Name: SIMON RENDON		Fax #:			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	BTX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
11	SP3 @ SURFACE	G	1							6-17-21	10:45	✓	✓	✓
12	SP3 @ 1'									6-17-21	10:58	✓	✓	✓
13	SP3 @ 2'									6-17-21	11:17	✓	✓	✓
14	SP3 @ 3'									6-17-21	11:31	✓	✓	✓
15	SP4 @ SURFACE									6-17-21	11:43	✓	✓	✓
16	SP4 @ 1'									6-17-21	11:56	✓	✓	✓
17	SP5 @ SURFACE									6-17-21	12:47	✓	✓	✓
18	SP5 @ 1'									6-17-21	1:10	✓	✓	✓
19	SP5 @ 2'									6-17-21	1:24	✓	✓	✓
20	SP6 @ SURFACE									6-17-21	2:05	✓	✓	✓

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Relinquished By:	Date: 6-22-21	Received By:	Date: 6-22-21
Time: 1:00	Time: 1:00	Time: 1:00	Time: 1:00

Delivered By: (Circle One) ☒ UPS ☐ Bus ☐ Other: -1.1c #113

Sampler - UPS - Bus - Other: -1.1c #113

Sample Condition: ☒ Cool ☐ Intact ☐ Yes ☐ No

CHECKED BY: (Initials)

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





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: SHU RMT INJ BLDG 3 (6-7 21)

Project Location:

Sampler Name: SIMON RENDON

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: OXY

Attn: WADE

Address:

City:

State: Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H21622

SP6 @ 1'

SP6 @ 2'

SP7 @ SURFACE

SP7 @ 1'

SP7 @ 2'

SP7 @ 3'

SP8 @ SURFACE

SP8 @ 1'

SP8 @ 2'

SP8 @ 3'

SP9 @ SURFACE

SP9 @ 1'

SP9 @ 2'

SP9 @ 3'

SP9 @ SURFACE

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER

ACID/BASE:

ICE / COOL

OTHER

DATE

TIME

CL

BTEX

TPH EXT

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Relinquished By:

Date: 6-22-21

Time: 1:00

Received By: Simon Rendon

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

REMARKS:

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

Relinquished By:

Date:

Time:

Received By:

Phone Result:

Fax Result:

REMARKS:

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

Delivered By: (Circle One)

Sampler - UPS - Bus - Other: -1.1c #113

Sample Condition  
☒ Cool ☐ Intact  
☒ Yes ☐ No

CHECKED BY: (Initials)

TS



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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

<b>Company Name:</b> BBC International, Inc.		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>																																							
<b>Project Manager:</b> Cliff Brunson		<b>P.O. #:</b>																																									
<b>Address:</b> P.O. Box 805		<b>Company:</b> OXY																																									
<b>City:</b> Hobbs		<b>Attn:</b> WADE																																									
<b>Phone #:</b> 575-397-6388		<b>Address:</b>																																									
<b>Fax #:</b> 575-397-0397		<b>City:</b>																																									
<b>Project #:</b>		<b>State:</b>																																									
<b>Project Name:</b> SHU RMT INJ BLDG 3 (6-7-21)		<b>Zip:</b>																																									
<b>Project Location:</b>		<b>Phone #:</b>																																									
<b>Sampler Name:</b> SIMON RENDON		<b>Fax #:</b>																																									
<b>FOR LAB USE ONLY</b>		<b>DATE</b>		<b>TIME</b>		<b>CL</b>		<b>BTEX</b>		<b>TPH EXT</b>																																	
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>(G)RAB OR (C)OMP.</b>		<b># CONTAINERS</b>		<b>GROUNDWATER</b>		<b>WASTEWATER</b>		<b>SOIL</b>		<b>OIL</b>		<b>SLUDGE</b>		<b>OTHER :</b>		<b>ACID/BASE:</b>		<b>ICE / COOL</b>		<b>OTHER :</b>		<b>DATE</b>		<b>TIME</b>		<b>CL</b>		<b>BTEX</b>		<b>TPH EXT</b>									
<b>H211622</b>		<b>SP9 @ 1'</b>		<b>G</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>6-18-21</b>		<b>8:12</b>		<b>✓</b>		<b>✓</b>		<b>✓</b>									
<b>32</b>		<b>SP9 @ 2'</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>6-18-21</b>		<b>8:24</b>		<b>✓</b>		<b>✓</b>		<b>✓</b>									
<b>33</b>		<b>SP9 @ 3'</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>6-18-21</b>		<b>8:42</b>		<b>✓</b>		<b>✓</b>		<b>✓</b>									
<b>34</b>		<b>SP 10 @ SURFACE</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>6-18-21</b>		<b>9:07</b>		<b>✓</b>		<b>✓</b>		<b>✓</b>									
<b>35</b>		<b>SP 10 @ 1'</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>6-18-21</b>		<b>9:20</b>		<b>✓</b>		<b>✓</b>		<b>✓</b>									
<b>36</b>		<b>SP 10 @ 2'</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>6-18-21</b>		<b>9:37</b>		<b>✓</b>		<b>✓</b>		<b>✓</b>									
<b>37</b>		<b>SP 10 @ 3'</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>6-18-21</b>		<b>9:51</b>		<b>✓</b>		<b>✓</b>		<b>✓</b>									
<b>38</b>		<b>SP 11 @ SURFACE</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>6-18-21</b>		<b>10:00</b>		<b>✓</b>		<b>✓</b>		<b>✓</b>									
<b>39</b>		<b>SP 11 @ 1'</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>6-18-21</b>		<b>10:23</b>		<b>✓</b>		<b>✓</b>		<b>✓</b>									
<b>40</b>		<b>SP 11 @ 2'</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>6-18-21</b>		<b>10:38</b>		<b>✓</b>		<b>✓</b>		<b>✓</b>									

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<b>Relinquished By:</b>	<b>Date:</b> 6-22-21	<b>Received By:</b>	<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Add'l Phone #:</b>
<b>Relinquished By:</b>	<b>Time:</b> 1:00	<b>Received By:</b>	<b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Add'l Fax #:</b>
<b>Relinquished By:</b>	<b>Date:</b>	<b>Received By:</b>	<b>REMARKS:</b>	
<b>Relinquished By:</b>	<b>Time:</b>	<b>Received By:</b>		

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

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc. <b>Project Manager:</b> Cliff Brunson <b>Address:</b> P.O. Box 805 <b>City:</b> Hobbs <b>State:</b> NM <b>Zip:</b> 88241 <b>Phone #:</b> 575-397-6388 <b>Fax #:</b> 575-397-0397 <b>Project #:</b> <b>Project Name:</b> SHU RMT INJ BLDG 3 (6-9-21) <b>Project Location:</b> <b>Sample Name:</b> SIMON RENDON <b>FOR LAB USE ONLY</b>				<b>P.O. #:</b> <b>Company:</b> OXY <b>Attn:</b> WADE <b>Address:</b> <b>City:</b> <b>State:</b> Zip: <b>Phone #:</b> <b>Fax #:</b>			
<b>Lab I.D.</b>				<b>Sample I.D.</b>			
<b>Matrix</b>				<b>Preserv</b>			
<b>Sampling</b>				<b>Analysis Request</b>			
<b>DATE</b>				<b>TIME</b>			
<b>CL</b>				<b>BTEX</b>			
<b>TPH EXT</b>				<b>Dis Reguard 12 duplicates TO 4/23/21</b>			
<b>SP41 @ 2'</b>				<b>6-18-21 10:38</b>			
<b>SP11 @ 3'</b>				<b>6-18-21 10:55</b>			
<b>SP12 @ SURFACE</b>				<b>6-18-21 11:20</b>			
<b>SP12 @ 1'</b>				<b>6-18-21 11:42</b>			
<b>SP12 @ 2'</b>				<b>6-18-21 12:03</b>			
<b>SP12 @ 3'</b>				<b>6-18-21 12:48</b>			
<b>SP13 @ SURFACE</b>				<b>6-18-21 1:10</b>			
<b>SP13 @ 1'</b>				<b>6-18-21 1:23</b>			
<b>SP13 @ 2'</b>				<b>6-18-21 1:40</b>			
<b>SP13 @ 3'</b>				<b>6-18-21 1:56</b>			
<b>PLEASE NOTE:</b> Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be identified in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates, or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons, or otherwise.							
<b>Relinquished By:</b>				<b>Received By:</b>			
<b>Date:</b> 6-22-21				<b>Date:</b> 6-22-21			
<b>Time:</b> 1:00				<b>Time:</b> 1:00			
<b>Relinquished By:</b>				<b>Received By:</b>			
<b>Date:</b>				<b>Date:</b>			
<b>Time:</b>				<b>Time:</b>			
<b>Delivered By: (Circle One)</b>				<b>Sample Condition</b>			
<b>Sampler - UPS - Bus - Other:</b>				<b>Cool</b> <input type="checkbox"/> <b>Intact</b> <input type="checkbox"/>			
<b>-1.1c #113</b>				<b>Yes</b> <input type="checkbox"/> <b>Yes</b> <input type="checkbox"/>			
<b>NO</b> <input type="checkbox"/> <b>NO</b> <input type="checkbox"/>				<b>NO</b> <input type="checkbox"/> <b>NO</b> <input type="checkbox"/>			
<b>CHECKED BY:</b>				<b>Phone Result:</b> <input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>			
<b>(Initials)</b>				<b>Add'l Phone #:</b>			
<b>REMARKS:</b>				<b>Add'l Fax #:</b>			



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC International, Inc. **BILL TO** ANALYSIS REQUEST

Project Manager: Cliff Brunson P.O. #: Company: OXY

Address: P.O. Box 805 Attn: WADE

City: Hobbs State: NM Zip: 88241

Phone #: 575-397-6388 Fax #: 575-397-0397

Project #: Project Owner: Oxy

Project Name: SHU RMT INJ BLDG 3 (6-Q-21) City: State: Zip:

Project Location: Phone #: Fax #:

Sampler Name: SIMON RENDON

FOR LAB USE ONLY

Lab I.D. Sample I.D.

4/11/12

SP13 @ 4'	G	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	CL	BTEX	TPH EXT
SP4 @ SURFACE	1												6-18-21	2:12	✓		
SP4 @ 1'													6-18-21	2:25	✓	✓	
SP4 @ 2'													6-18-21	2:41	✓	✓	
SP4 @ 3'													6-18-21	2:56	✓		
SP4 @ 4'													6-18-21	3:10	✓		
													6-18-21	3:23	✓		

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated theories or otherwise.

Relinquished By: Date: 6-22-21 Received By: Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #:

Relinquished By: [Signature]

Date: 6-22-21 Received By: [Signature]

Time: Received By: [Signature]

Delivered By: (Circle One) Sample Condition Cool Intact Yes No

Sampler - UPS - Bus - Other: -1.1c #113 CHECKED BY: (Initials) 20

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



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 133704

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 133704
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	8/16/2022