

Closure Report

ID # nOY1800836161,nAPP216655568

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 confrimation 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

Page 6

Incident ID	nAPP2116655568
District RP	
Facility ID	
Application ID	

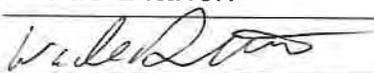
Closure

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: _____

Printed Name: _____ Title: _____

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

Incident ID	nOY1800836161
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Closure

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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: 08/16/2022
 Printed Name: Jennifer Nobui Title: Environmental Specialist A

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

Cliff

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

Thanks,
Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@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

From: Cliff Brunson <cbrunson@bbcinternational.com>
Sent: Tuesday, July 19, 2022 5:04 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: '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 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

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

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

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

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

From: Cliff Brunson <cbrunson@bbcinternational.com>
Sent: Tuesday, June 7, 2022 9:49 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: '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 - 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

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.

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

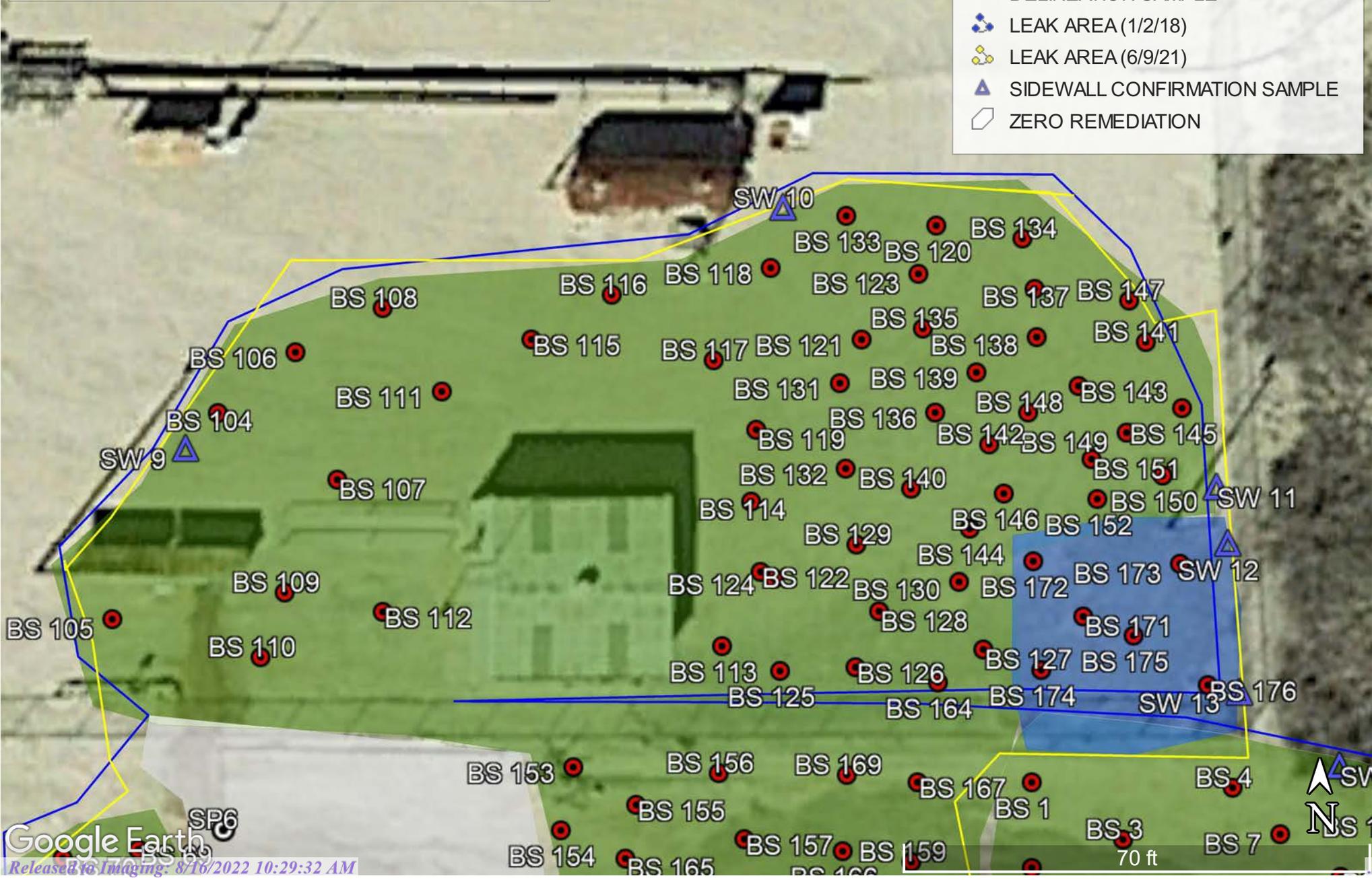
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

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

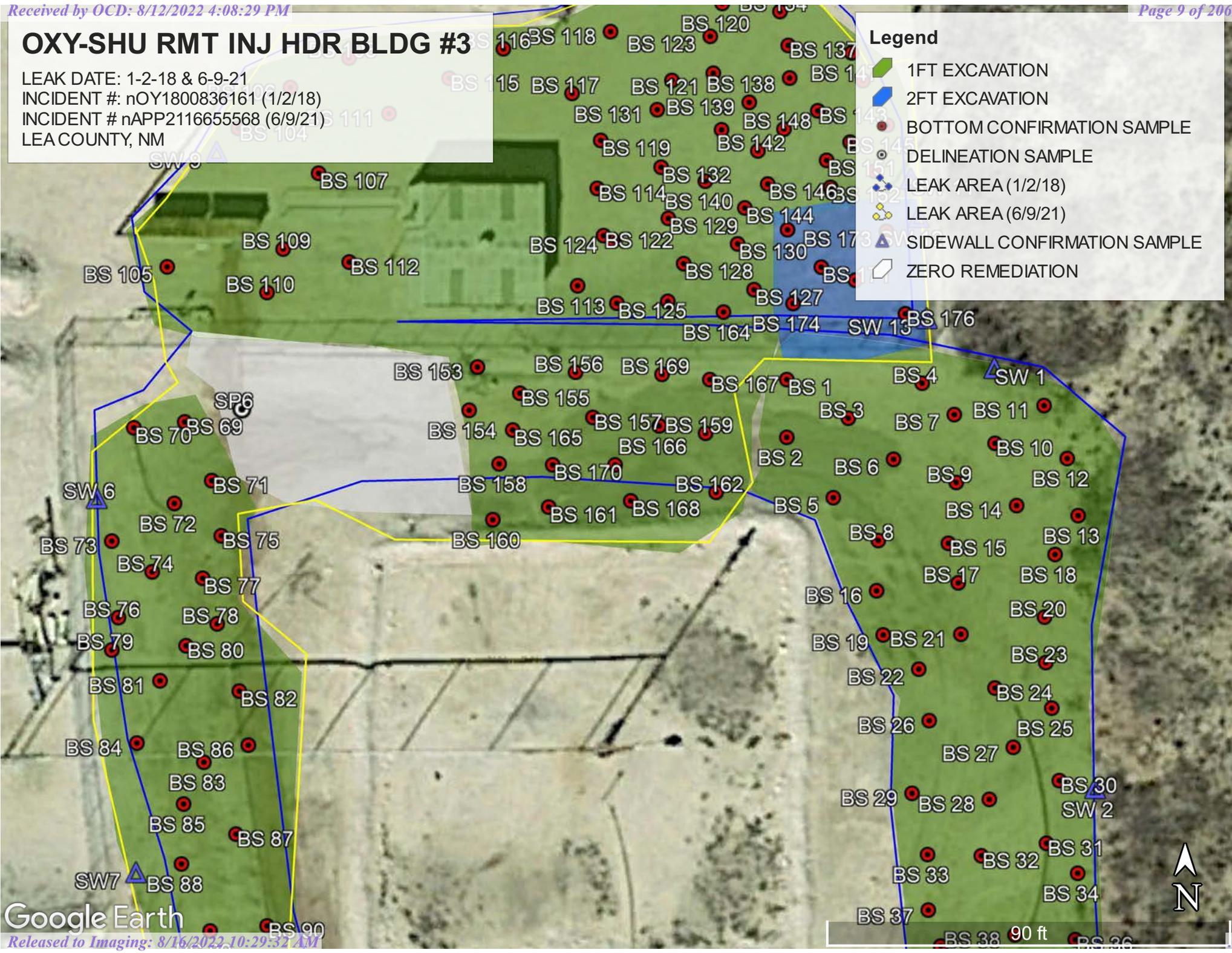


OXY-SHU RMT INJ HDR BLDG #3

LEAK DATE: 1-2-18 & 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

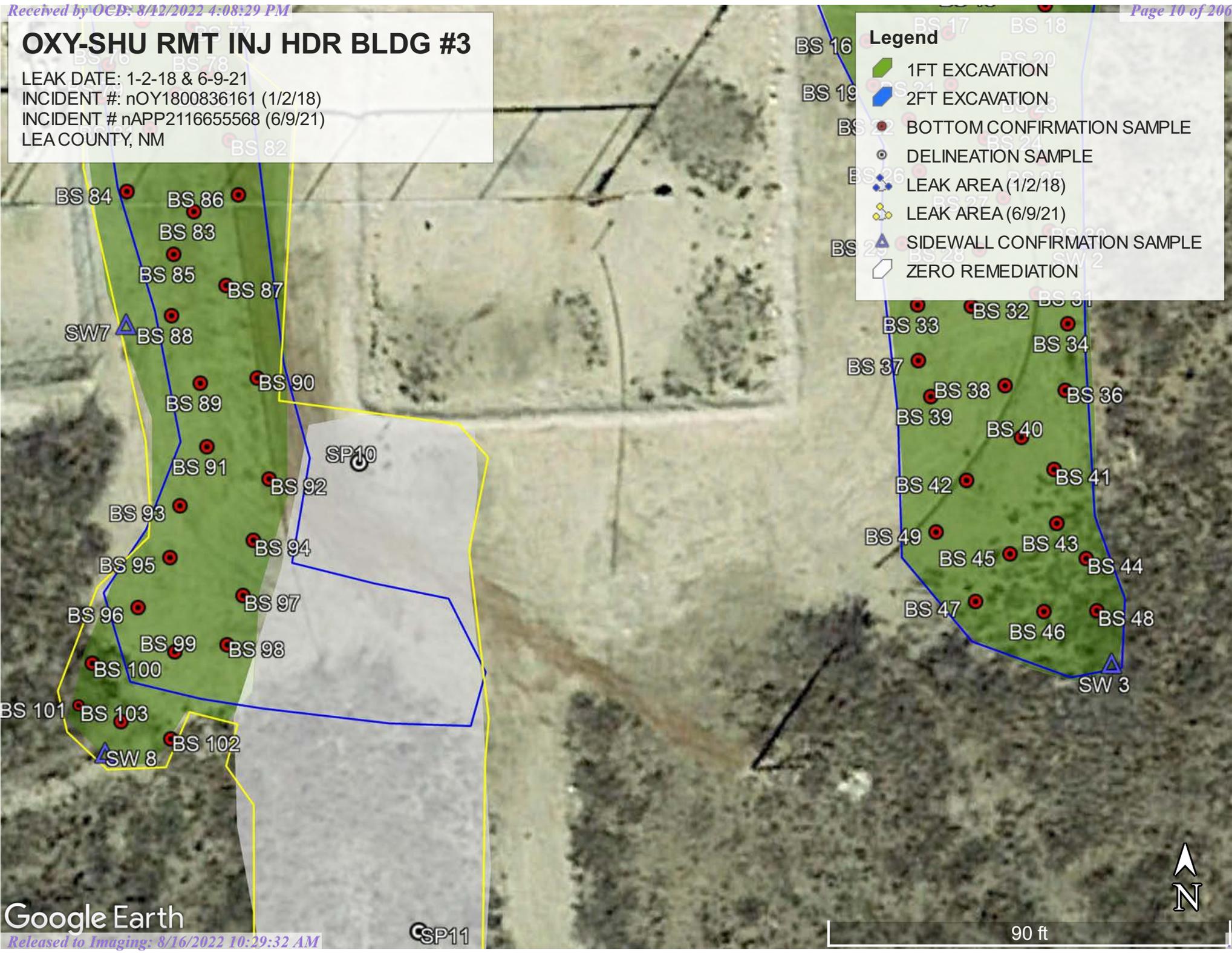


OXY-SHU RMT INJ HDR BLDG #3

LEAK DATE: 1-2-18 & 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

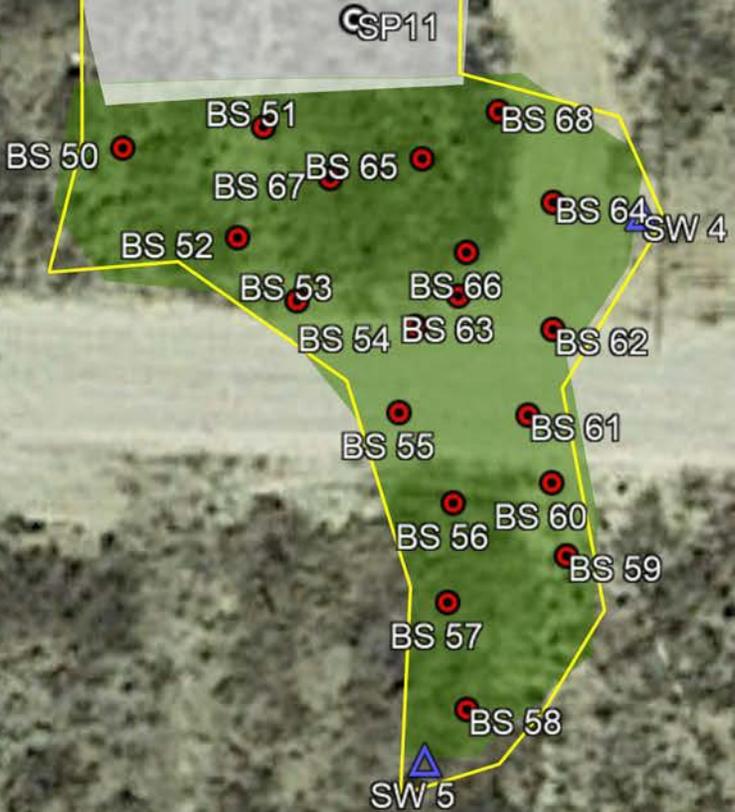


OXY-SHU RMT INJ HDR BLDG #3

LEAK DATE: 1-2-18 & 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
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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
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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
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80 BS @ 1' N32.679134 W-103.142681
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82 BS @ 1' N32.679131 W-103.142582
83 BS @ 1' N32.679063 W-103.142616
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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
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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
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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 BS@2' 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

	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						
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

Analyte	Method	Sample ID	SP 8@	SP 8@ 1'	SP 8@ 2'
			SURFACE		
		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

Analyte	Method	Sample ID	SP 9@	SP 9@ 1'	SP 9@ 2'	SP 9@ 3'
			SURFACE			
		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

Analyte	Method	Sample ID	SP 10@	SP 10@ 1'	SP 10@ 2'	SP 10@ 3'
			SURFACE			
		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

Analyte	Method	Sample ID	SP 11@	SP 11@ 1'	SP 11@ 2'	SP 11@ 3'
			SURFACE			
		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

Analyte	Method	Sample ID	SP 12@	SP 12@ 1'	SP 12@ 2'	SP 12@ 3'
			SURFACE			
		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

Analyte	Method	Sample ID	SP 13@	SP 13@ 1'	SP 13@ 2'	SP 13@ 3'	SP 13@ 4'
			SURFACE				
		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

Analyte	Method	Sample ID	SP 14@	SP 14@ 1'	SP 14@ 2'	SP 14@ 3'	SP 14@ 4'
			SURFACE				
		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)



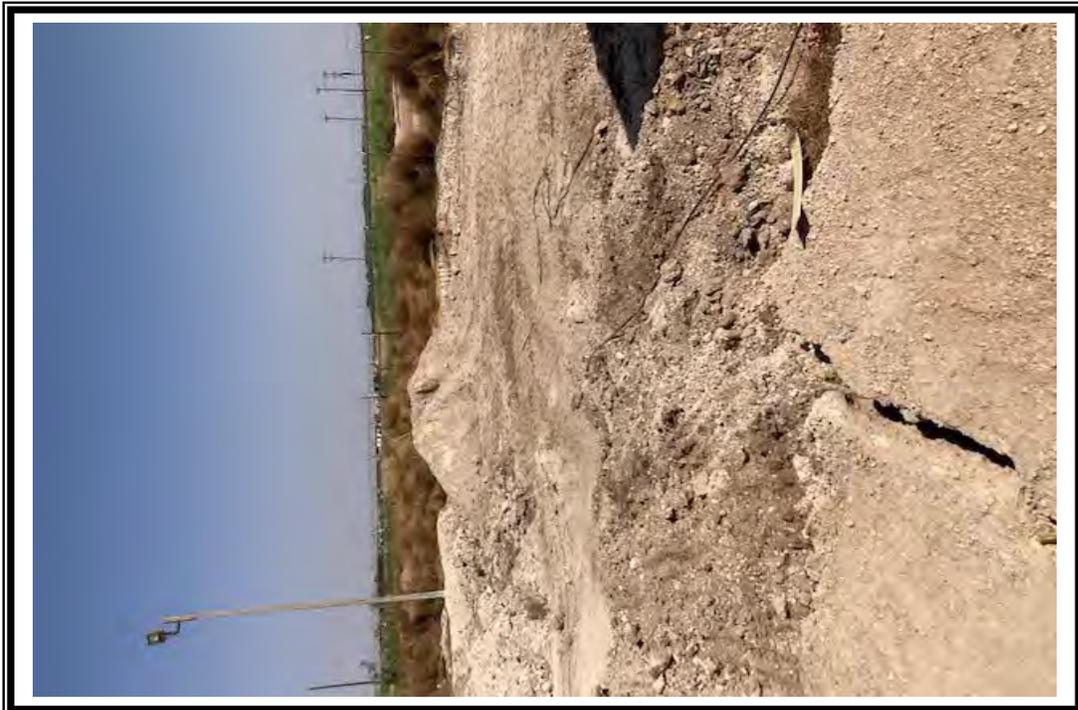
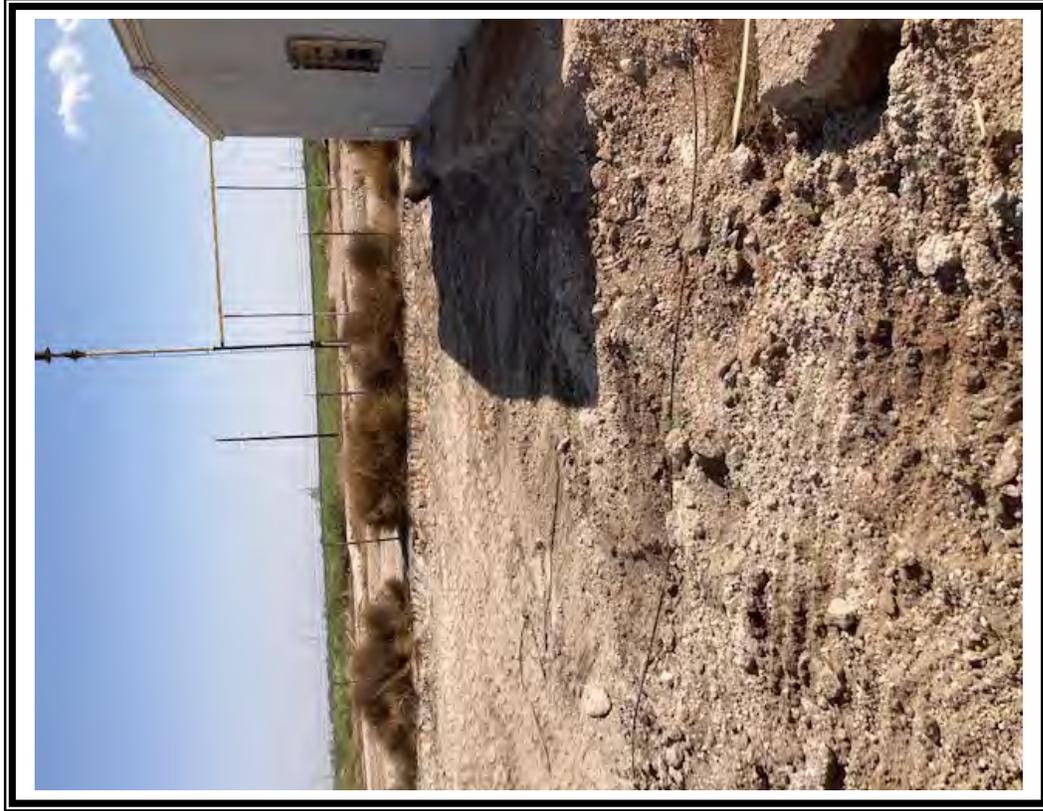


OXY -SHU RMT INJ BLDG 3 , LEAK DATE (1/2/18) , (6/9/21)



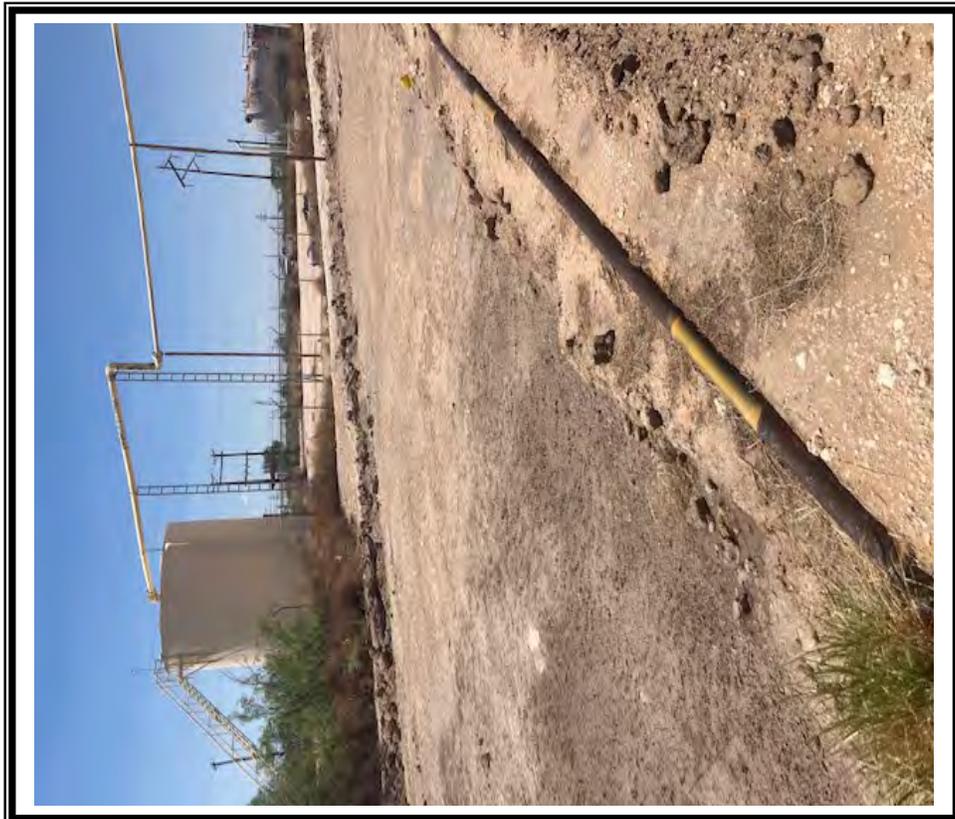


OXY -SHU RMT INJ BLDG 3 , LEAK DATE (1/2/18) , (6/9/21)



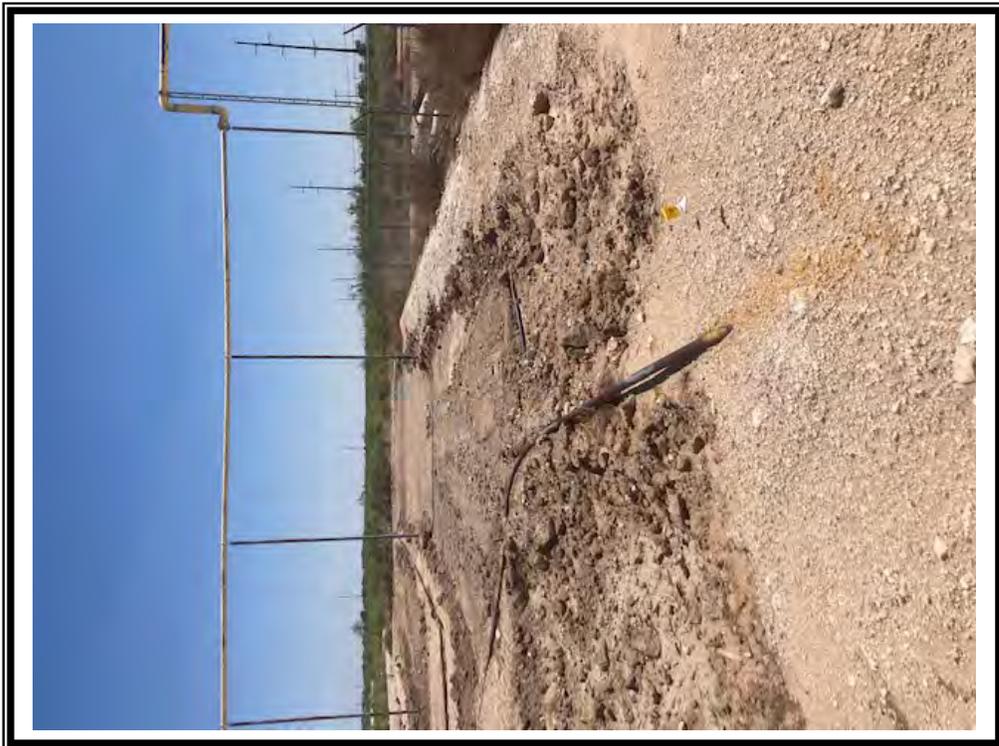
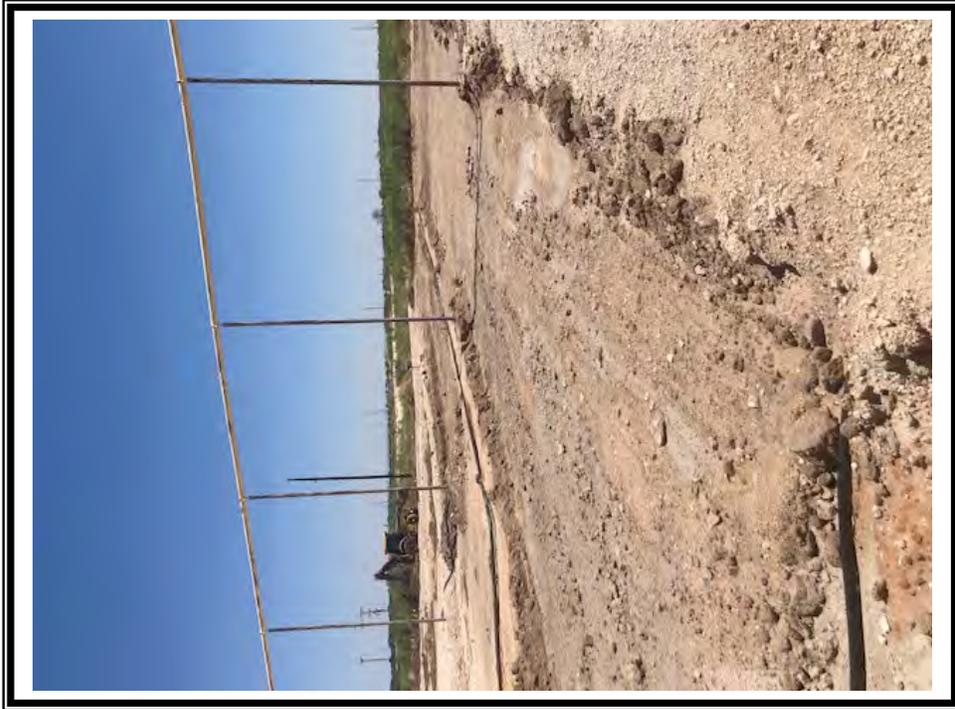


OXY -SHU RMT INJ BLDG 3 , LEAK DATE (1/2/18) , (6/9/21)





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)



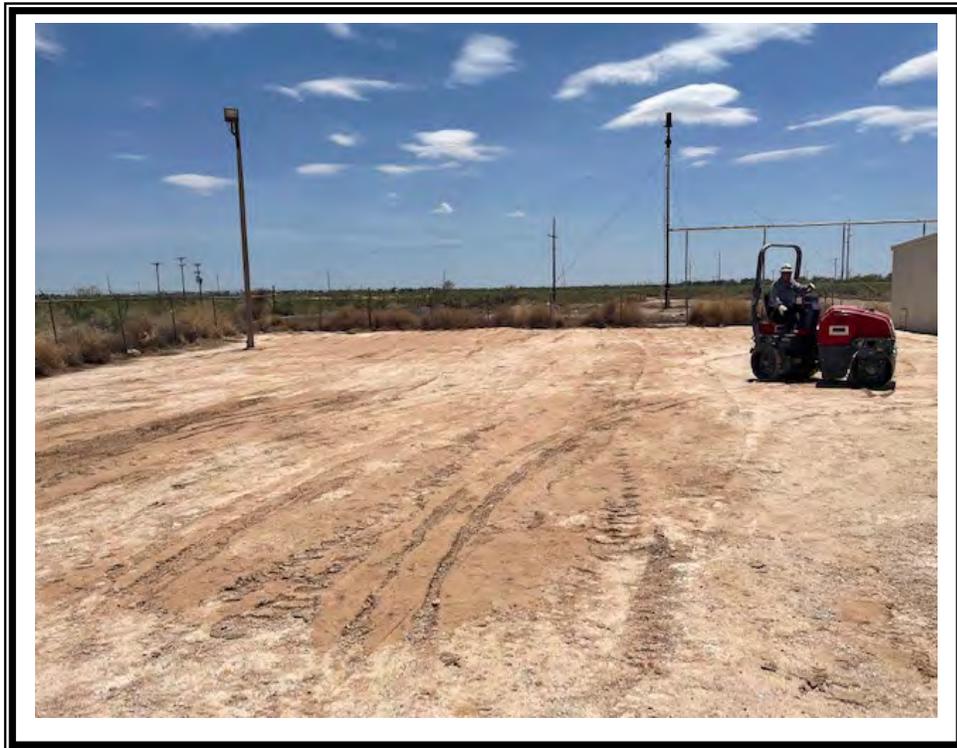


OXY -SHU RMT INJ BLDG 3 , LEAK DATE (1/2/18) , (6/9/21)





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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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)

BTEX 8021B		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) 98.6 % 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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Celey D. Keene, Lab Director/Quality Manager



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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: 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, 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 67.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 72.2 % 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	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 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, 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	06/20/2022	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



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 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	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 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



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 174 @ 2' (H222586-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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) 99.4 % 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	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	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 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, 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	06/20/2022	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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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 176 @ 2' (H222586-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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) 99.9 % 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



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 12 (H222586-09)

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	06/18/2022	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) 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	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



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 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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: _____ Project Owner: Oxy Project Name: SHU RMT INJ BLDG 3 (6/9/21) Project Location: NEW MEXICO Sampler Name: ROGER		BILL TO P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. H222586 Sample I.D. _____		(G)RAB OR (C)OMP. _____ # CONTAINERS _____ MATRIX: GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____	
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Relinquished By: _____ Date: 6/16/22 Received By: _____ Relinquished By: _____ Date: 6/16/22 Received By: _____ Relinquished By: _____ Date: 6/16/22 Received By: _____		ANALYSIS REQUEST Chlorride BTEX TPH EXT	
Delivered By: (Circle One) <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other: _____ Sample Condition: Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		CHECKED BY: _____ (Initials) Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: _____ REMARKS: _____	

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



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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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)

BTEX 8021B		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	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



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 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, 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 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	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 87 @ 1.5' (H222585-03)

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	06/17/2022	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) 97.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	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 88 @ 1.5' (H222585-04)

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	06/17/2022	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) 97.0 % 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



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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 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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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 90 @ 1.5' (H222585-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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) 97.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	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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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 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, 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 84.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.0 % 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	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 92 @ 1.5' (H222585-08)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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) 97.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	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	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 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, 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 89.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.6 % 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	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 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, 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 80.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.4 % 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	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 95 @ 1.5' (H222585-11)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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) 97.7 % 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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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 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, 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	06/18/2022	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



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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 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



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 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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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 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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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 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, SM4500Cl-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	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 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, 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	06/21/2022	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	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 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		
Toluene*	<0.050	0.050	06/17/2022	ND	2.09	104	2.00	9.07	QR-03	
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	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 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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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 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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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 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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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 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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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 104 @ 1.5' (H222585-23)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 82.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.8 % 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	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 105 @ 1.5' (H222585-24)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 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	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 106 @ 1.5' (H222585-25)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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	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	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 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, 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 82.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.1 % 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	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 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



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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 109 @ 1.5' (H222585-28)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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	06/21/2022	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	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 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, 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 80.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.6 % 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	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 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, 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 72.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.4 % 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	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 112 @ 1.5' (H222585-31)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 75.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.8 % 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	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 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, 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 80.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.1 % 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	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 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, 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 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	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 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, 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*	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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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 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, 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	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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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 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, 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 81.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.2 % 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	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 118 @ 1.5' (H222585-37)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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) 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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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 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, 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	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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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 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, 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	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
 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 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, 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	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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Analytical Results For:

BBC International, Inc.
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 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 122 @ 1.5' (H222585-41)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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, 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	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:

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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 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:

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 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 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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Analytical Results For:

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 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 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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Analytical Results For:

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 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 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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Analytical Results For:

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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 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, 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	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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Analytical Results For:

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 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 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



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 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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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 130 @ 1.5' (H222585-49)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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 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 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, 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	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
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 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 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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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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 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 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, SM4500Cl-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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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 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	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 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, 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 89.0 % 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	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 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	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 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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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 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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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 139 @ 1.5' (H222585-58)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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: 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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Analytical Results For:

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 Cliff Brunson
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 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 140 @ 1.5' (H222585-59)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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: 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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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 141 @ 1.5' (H222585-60)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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) 99.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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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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 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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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 143 @ 1.5' (H222585-62)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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) 99.7 % 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	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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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 144 @ 1.5' (H222585-63)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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	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
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 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 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, 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 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 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	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 146 @ 1.5' (H222585-65)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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) 99.4 % 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	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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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 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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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 148 @ 1.5' (H222585-67)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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) 99.3 % 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	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	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 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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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	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 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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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 151 @ 1.5' (H222585-70)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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	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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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 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, SM4500Cl-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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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	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 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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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 154 @ 1.5' (H222585-73)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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) 99.6 % 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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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 155 @ 1.5' (H222585-74)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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) 99.1 % 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	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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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 156 @ 1.5' (H222585-75)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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) 98.9 % 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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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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 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 157 @ 1.5' (H222585-76)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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) 98.0 % 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	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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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 158 @ 1.5' (H222585-77)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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) 99.3 % 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	06/20/2022	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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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 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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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 160 @ 1.5' (H222585-79)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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) 98.5 % 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	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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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 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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 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 162 @ 1.5' (H222585-81)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, SM4500Cl-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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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 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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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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 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 164 @ 1.5' (H222585-83)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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) 99.1 % 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:

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 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 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, 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 86.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.0 % 59.5-142

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Analytical Results For:

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

Received:	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 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, 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 68.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.0 % 59.5-142

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Analytical Results For:

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 Cliff Brunson
 P.O. Box 805
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 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 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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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 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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Analytical Results For:

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 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 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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Analytical Results For:

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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 170 @ 1.5' (H222585-89)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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	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



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 9 (H222585-90)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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) 98.5 % 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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 Project Name: SHU RMT INJ BLDG 3 (6/9/21)
 Project Location: NEW MEXICO
 Sampler Name: ROGER
 P.O. #: Company:
 Attn: Address:
 City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H22585	BS 95 @ 1.5'	(G)	1						6/15/22	9:20AM	✓	✓	✓	
	BS 96 @ 1.5'								6/15/22	9:25AM	✓	✓	✓	
	BS 97 @ 1.5'								6/15/22	9:30AM	✓	✓	✓	
	BS 98 @ 1.5'								6/15/22	9:35AM	✓	✓	✓	
	BS 99 @ 1.5'								6/15/22	9:40AM	✓	✓	✓	
	BS 100 @ 1.5'								6/15/22	9:45AM	✓	✓	✓	
	BS 101 @ 1.5'								6/15/22	9:50AM	✓	✓	✓	
	BS 102 @ 1.5'								6/15/22	9:55AM	✓	✓	✓	
	BS 103 @ 1.5'								6/15/22	10:00 AM	✓	✓	✓	
	SW 6								6/15/22	10:05AM	✓	✓	✓	

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Relinquished By: *Roger Hernandez* Date: *6/16/22* Received By: *Jacob Loma*
 Time: *9:30am*
 Relinquished By: *Jacob Loma* Date: *6/16/22* Received By: *Jacob Loma*
 Time: *6:45*
 Delivered By: (Circle One) *UPS* Sample Condition: Intact Cool Yes No
 Sampler - UPS - Bus - Other: *-576 #113* CHECKED BY: *YO.*

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2 of 10



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: **BBC International, Inc.** P.O. #:
 Project Manager: **Cliff Brunson** Company:
 Address: **P.O. Box 805** Attn:
 City: **Hobbs** State: **NM** zip: **88241**
 Phone #: **575-397-6388** Fax #: **575-397-0397** Address:
 Project #: **Project Owner: Oxy** City:
 Project Name: **SHU RMT INJ BLDG 3 (6/9/21)** State: **Zip:**
 Project Location: **NEW MEXICO** Phone #:
 Sampler Name: **ROGER** Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	chloride	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
21	SW 7									6/15/22	10:10AM	✓	✓	✓
22	SW 8									6/15/22	10:15AM	✓	✓	✓
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* Received By: *Cliff Brunson*
 Releingquished By: *Cliff Brunson* Date: *6/16/22* Received By: *Cliff Brunson*
 Delivered By: (Circle One) *5225* Sample Condition *Sample Condition* CHECKED BY: *Cliff Brunson*
 Sampler - UPS - Bus - Other: *-576 #113* Cool In tact Yes No

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc. P.O. #:
 Project Manager: Cliff Brunson Company:
 Address: P.O. Box 805 Attn:
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397 Address:
 Project #: Project Owner: Oxy City:
 Project Name: SHU RMT INJ BLDG 3 (6/9/21) State: Zip:
 Project Location: NEW MEXICO Phone #:
 Sampler Name: ROGER Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	Chlorride	BTEX	TPHEXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
31	BS 112 @ 1.5'	✓	1			✓				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	✓	✓	✓

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Relinquished By: *Roger Hernandez* Date: 6/16/22 Received By: *Samuel Flores* Date: 6/16/22
 Time: 8:30 AM Time: 10:45 AM
 Relinquished By: *Samuel Flores* Date: 6/16/22 Received By: *Samuel Flores* Date: 6/16/22
 Time: 10:45 AM Time: 10:45 AM
 Delivered By: (Circle One) UPS Bus Other: *-5728 C.O.S. #113*
 Sample Condition: Intact Cool Yes No
 CHECKED BY: *TS*

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc. P.O. #:
 Project Manager: Cliff Brunson Company:
 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)
 Project Location: NEW MEXICO
 Sampler Name: ROGER
 Matrix: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER:
 Preservation: ACID/BASE, ICE / COOL, OTHER:
 Sampling Date: 6/15/22
 Sampling Time: 1:00PM

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING DATE	TIME	Chlorride	BTEX	TPHEXT
41	BS 122 @ 1.5'					6/15/22	11:50AM	✓	✓	✓
42	BS 123 @ 1.5'					6/15/22	11:55AM	✓	✓	✓
43	BS 124 @ 1.5'					6/15/22	12:00PM	✓	✓	✓
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	✓	✓	✓

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Relinquished By: *Rocky Hernandez* Date: 6/16/22 Received By: *Cliff Brunson*
 Relinquished By: *Cliff Brunson* Date: 6/16/22 Received By: *Cliff Brunson*
 Delivered By: (Circle One) UPS Bus Other: *-5:22 C-056* Sample Condition: Cool Intact
 Sampler - UPS - Bus - Other: *-5:12 #113* Yes No Yes No
 CHECKED BY: *Cliff Brunson* (Initials) *CB*



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: SHU RMT INJ BLDG 3 (6/9/21) Project Location: NEW MEXICO Sampler Name: ROGER		P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:	
BILL TO			
ANALYSIS REQUEST			
Lab I.D.	Sample I.D.	DATE	TIME
H222585	BS 132 @ 1.5'	6/15/22	1:05PM
	BS 133 @ 1.5'	6/15/22	1:10PM
	BS 134 @ 1.5'	6/15/22	1:15PM
	BS 135 @ 1.5'	6/15/22	1:20PM
	BS 136 @ 1.5'	6/15/22	1:25PM
	BS 137 @ 1.5'	6/15/22	1:30PM
	BS 138 @ 1.5'	6/15/22	1:35PM
	BS 139 @ 1.5'	6/15/22	1:40PM
	BS 140 @ 1.5'	6/15/22	1:45PM
	BS 141 @ 1.5'	6/15/22	1:50PM

FOR LAB USE ONLY	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :

Relinquished By:	Date: 6/16/22	Received By:	Date: 6/16/22	Time: 8:35 AM	Time: 11:45
<i>Cliff Brunson</i>		<i>Cliff Brunson</i>			

Relinquished By:	Date: 6/16/22	Received By:	Date: 6/16/22	Time: 11:45	Time: 11:45
<i>Cliff Brunson</i>		<i>Cliff Brunson</i>			

Delivered By: (Circle One)	Cool	Intact	Sample Condition	CHECKED BY:
Sampler - UPS - Bus - Other:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<i>Cliff Brunson</i>

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:			
Project Manager: Cliff Brunson		Company:			
Address: P.O. Box 805		Attn:			
City: Hobbs		Address:			
State: NM Zip: 88241		City:			
Phone #: 575-397-6388		State:			
Fax #: 575-397-0397		Zip:			
Project #: _____		Project Owner: Oxy			
Project Name: SHU RMT INJ BLDG 3 (6/9/21)		Phone #:			
Project Location: NEW MEXICO		Fax #:			
Sampler Name: ROGER		PRESERV:			
FOR LAB USE ONLY		SAMPLING			

Lab I.D.	Sample I.D.	(G) GRAB OR (C) OMP.	# CONTAINERS	MATRIX	PRESERV	DATE	TIME	Chlorride	BTEX	TPHEXT
61	BS 142 @ 1.5'	G				6/15/22	1:55PM	✓	✓	✓
62	BS 143 @ 1.5'					6/15/22	2:00PM	✓	✓	✓
63	BS 144 @ 1.5'					6/15/22	2:05PM	✓	✓	✓
64	BS 145 @ 1.5'					6/15/22	2:10PM	✓	✓	✓
65	BS 146 @ 1.5'					6/15/22	2:15PM	✓	✓	✓
66	BS 147 @ 1.5'					6/15/22	2:20PM	✓	✓	✓
67	BS 148 @ 1.5'					6/15/22	2:25PM	✓	✓	✓
68	BS 149 @ 1.5'					6/15/22	2:30PM	✓	✓	✓
69	BS 150 @ 1.5'					6/15/22	2:35PM	✓	✓	✓
70	BS 151 @ 1.5'					6/15/22	2:40PM	✓	✓	✓

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Relinquished By: _____ Date: 6/16/22 Received By: _____ Date: 6/16/22

Relinquished By: _____ Date: 6/16/22 Received By: _____ Date: 6/16/22

Delivered By: (Circle One) UPS Bus Other: _____

Sampler - UPS - Bus - Other: _____

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

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

REMARKS: _____



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO ANALYSIS REQUEST

Company Name: BBC International, Inc. P.O. #: _____
 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: _____ 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						DATE	TIME	Chlorride	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
71	BS 152 @ 1.5'	G	1							6/15/22	2:45PM	✓	✓	✓
72	BS 153 @ 1.5'									6/15/22	2:50PM	✓	✓	✓
73	BS 154 @ 1.5'									6/15/22	2:55PM	✓	✓	✓
74	BS 155 @ 1.5'									6/15/22	3:00PM	✓	✓	✓
75	BS 156 @ 1.5'									6/15/22	3:05PM	✓	✓	✓
76	BS 157 @ 1.5'									6/15/22	3:10PM	✓	✓	✓
77	BS 158 @ 1.5'									6/15/22	3:15PM	✓	✓	✓
78	BS 159 @ 1.5'									6/15/22	3:20PM	✓	✓	✓
79	BS 160 @ 1.5'									6/15/22	3:25PM	✓	✓	✓
80	BS 161 @ 1.5'									6/15/22	3:30PM	✓	✓	✓

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Relinquished By: *Cliff Brunson* Date: 6/16/22 Time: 8:30PM Received By: *Cliff Brunson* Date: 6/16/22 Time: 10:45AM

Delivered By: (Circle One) UPS Bus Other: *5305 E-0.52* Sample Condition: Cool Intact
 Sampler - UPS - Bus - Other: *576 #113* Yes No

REMARKS: _____

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 Project Name: SHU RMT INJ BLDG 3 (6/9/21)
 Project Location: NEW MEXICO
 Sampler Name: ROGER
 P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H222585	BS 162 @ 1.5'									6/15/22	3:35PM	✓	✓	✓
	BS 163 @ 1.5'									6/15/22	3:40PM	✓	✓	✓
	BS 164 @ 1.5'									6/15/22	3:45PM	✓	✓	✓
	BS 165 @ 1.5'									6/15/22	3:50PM	✓	✓	✓
	BS 166 @ 1.5'									6/15/22	3:55PM	✓	✓	✓
	BS 167 @ 1.5'									6/15/22	4:00PM	✓	✓	✓
	BS 168 @ 1.5'									6/15/22	4:05PM	✓	✓	✓
	BS 169 @ 1.5'									6/15/22	4:10PM	✓	✓	✓
	BS 170 @ 1.5'									6/15/22	4:15PM	✓	✓	✓
	SW 9									6/15/22	4:20PM	✓	✓	✓

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Relinquished By: *Logan Hernandez* Date: 6-10-22 Received By: *Samuel Lerner* Date: 6-10-22
 Relinquished By: *Samuel Lerner* Date: 6-10-22 Received By: *Samuel Lerner* Date: 6-10-22
 Delivered By: (Circle One) UPS Bus Other: *-5725 C-050*
 Sampler - UPS - Bus - Other: *-5725 #113*
 Sample Condition: Intact Cool Yes No
 CHECKED BY: *Y. G.*

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



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/22/2022	Sampling Date:	07/21/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

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		
Toluene*	0.169	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



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

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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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



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 E @ SURFACE (H211622-02)

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	<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



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 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, 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	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



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 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

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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

Cardinal Laboratories

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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 @ 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, 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	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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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 @ 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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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 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	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 2 @ 1' (H211622-09)

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	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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 Cliff Brunson
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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 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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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 @ 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:

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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 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, 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	3.77	

Sample ID: SP 3 @ 3' (H211622-14)

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	432	108	400	3.77	

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Analytical Results For:

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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)

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	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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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 @ 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, 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 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 38.9-142

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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 5 @ SURFACE (H211622-17)

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	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



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 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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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 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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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 6 @ SURFACE (H211622-20)

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	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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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 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, 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	

TPH 8015M		mg/kg		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	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 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
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	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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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 @ 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, SM4500Cl-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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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, 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	

Sample ID: SP 7 @ 3' (H211622-26)

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	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 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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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 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, 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	06/24/2021	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	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 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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Analytical Results For:

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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 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:

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 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 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, SM4500Cl-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:

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 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 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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Analytical Results For:

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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 @ 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:

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 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 @ 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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Analytical Results For:

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 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, 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	

Sample ID: SP 10 @ 3' (H211622-37)

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	

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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 @ 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, 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	

TPH 8015M		mg/kg		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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Analytical Results For:

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 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 @ 1' (H211622-39)

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) 97.5 % 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	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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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:	06/18/2021
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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 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)

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) 95.3 % 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	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	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 @ 1' (H211622-44)

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) 96.3 % 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	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, 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	3.77	

Sample ID: SP 12 @ 3' (H211622-46)

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	3.77	

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Analytical Results For:

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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, SM4500CI-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:

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 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 @ 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, SM4500Cl-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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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 13 @ 2' (H211622-49)

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	416	104	400	0.00	

Sample ID: SP 13 @ 3' (H211622-50)

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	416	104	400	0.00	

Sample ID: SP 13 @ 4' (H211622-51)

Chloride, SM4500CI-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:

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 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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Analytical Results For:

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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 @ 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, SM4500Cl-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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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
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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 @ 2' (H211622-54)

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	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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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Jany 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 (6-9-21)

Project Location:

Sampler Name: SIMON RENDON

FOR LAB USE ONLY

BILL TO

P.O. #:

Company: OXY

Attn: WADE

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	CL	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:							
Hall 622	SP N @ SURFACE	G	1									6-17-21	8:00	✓	✓	✓	
	SP E @ SURFACE											6-17-21	8:14	✓	✓	✓	
	SP W @ SURFACE											6-17-21	8:36	✓	✓	✓	
	SP S @ SURFACE											6-17-21	8:47	✓	✓	✓	
	SP 1 @ SURFACE											6-17-21	9:08	✓	✓	✓	
	SP 1 @ 1'											6-17-21	9:20	✓	✓	✓	
	SP 2 @ SURFACE											6-17-21	9:38	✓	✓	✓	
SP 2 @ 1'											6-17-21	10:00	✓	✓	✓		
SP 2 @ 2'											6-17-21	10:14	✓	✓	✓		
											6-17-21	10:33	✓	✓	✓		

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Relinquished By: *[Signature]*

Relinquished By: *[Signature]*

Date: 6-22-21

Time: 1600

Received By: *[Signature]*

Date: 6-22-21

Time: 1600

Received By: *[Signature]*

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: UPS

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Sample Condition
 Cool Intact
 Yes No
 Yes No

CHECKED BY: *[Signature]*

Phone Result: Yes No
 Fax Result: Yes No

REMARKS:

Add'l Phone #:
 Add'l Fax #:



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 Project Name: SHU RMT INJ BLDG 3 (6-9-21)
 Project Location:
 Sampler Name: SIMON RENDON
 P.O. #: Company: OXY
 Attn: WADE
 Address: City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
11	SP3 @ SURFACE	G	1						6-17-21	10:45	✓	✓	✓	
12	SP3 @ 1'	G	1						6-17-21	10:58	✓	✓	✓	
13	SP3 @ 2'	G	1						6-17-21	11:17	✓	✓	✓	
14	SP3 @ 3'	G	1						6-17-21	11:31	✓	✓	✓	
15	SP4 @ SURFACE	G	1						6-17-21	11:43	✓	✓	✓	
16	SP4 @ 1'	G	1						6-17-21	11:56	✓	✓	✓	
17	SP5 @ SURFACE	G	1						6-17-21	12:47	✓	✓	✓	
18	SP5 @ 1'	G	1						6-17-21	1:10	✓	✓	✓	
19	SP5 @ 2'	G	1						6-17-21	1:24	✓	✓	✓	
20	SP6 @ SURFACE	G	1						6-17-21	2:05	✓	✓	✓	

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Relinquished By: *Simon Rendon* Date: 6-22-21
 Received By: *Simone Leblond* Date: 7-6-21
 Delivered By: (Circle One) UPS Bus Other: -1.1c #113
 Sample Condition: Cool Intact
 Checked By: *YL*
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: SHU RMT INJ BLDG 3 (6-A 21) Project Location: _____ Sampler Name: SIMON RENDON		P.O. #: _____ Company: OXY Attn: WADE Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. Sample I.D. H211622		# CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER ACID/BASE: ICE / COOL OTHER	
SP6 @ 1' SP6 @ 2' SP7 @ SURFACE SP7 @ 1' SP7 @ 2' SP7 @ 3' SP8 @ SURFACE SP8 @ 1' SP8 @ 2' SP9 @ SURFACE	G 1 1 1 1 1 1 1 1 1 1 1 1	DATE 6-17-21 6-17-21 6-17-21 6-17-21 6-17-21 6-17-21 6-17-21 6-17-21 6-17-21 6-17-21 6-18-21	TIME 2:24 2:33 3:05 3:17 3:31 3:43 3:58 4:14 4:25 7:50
CL BTEX TPH EXT		YES NO YES NO YES NO YES NO YES NO YES NO	

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Relinquished By: _____ **Date:** 6-22-21
Received By: _____ **Date:** 6-22-21
Time: 1:00
Time: 1:00

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: **-1.1°C #113**

Sample Condition: Cool Intact
 Yes No
CHECKED BY: _____ (Initials) **YO**

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: SHU RMT INJ BLDG 3 (6-9-21) Project Location: _____ Sampler Name: SIMON RENDON		P.O. #: Company: OXY Attn: WADE Address: City: State: Zip: Phone #: Fax #:	
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	
FOR LAB USE ONLY		MATRIX PRESERV. SAMPLING	
41 SP41 @ 2' 42 SP1 @ 3' 43 SP12 @ SURFACE 44 SP12 @ 1' 45 SP12 @ 2' 46 SP12 @ 3' 47 SP13 @ SURFACE 48 SP13 @ 1' 49 SP13 @ 2' 50 SP13 @ 3'	5 1 1 1 1 1 1 1 1 1	6-18-21 6-18-21 6-18-21 6-18-21 6-18-21 6-18-21 6-18-21 6-18-21 6-18-21 6-18-21	10:38 10:55 11:20 11:42 12:03 12:48 1:10 1:23 1:40 1:56
Relinquished By: _____ Date: 6-23-21 Time: 1:00		Received By: _____ Date: _____ Time: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -1.1c #113		Sample Condition Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Checked By: (Initials) J.P.	
Relinquished By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____	
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____		REMARKS: Disregard 1 Duplicate To 6/23/21	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc. P.O. #:
 Project Manager: Cliff Brunson Company: OXY
 Address: P.O. Box 805 Attn: 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)
 Project Location: City: State: Zip:
 Sampler Name: SIMON RENDON Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
51	SP13@ 4'	G	1							6-18-21	2:12	✓		
52	SP4 @ SURFACE									6-18-21	2:25	✓		
53	SP4 @ 1'									6-18-21	2:41	✓		
54	SP4 @ 2'									6-18-21	2:56	✓		
55	SP4 @ 3'									6-18-21	3:10	✓		
56	SP4 @ 4'									6-18-21	3:23	✓		

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Relinquished By: *[Signature]* Date: 6-22-21 Received By: *[Signature]* Time: _____
 Relinquished By: _____ Date: _____ Received By: _____ Time: _____

Delivered By: (Circle One) UPS Bus Other: -1.1c #113

Sample Condition: Cool Intact Yes No Yes No

CHECKED BY: *[Signature]*

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

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District II
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 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 133700

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 133700
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	8/16/2022