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## DELINEATION/REMEDIATION WORKPLAN

### OXY – SHU RMT INJ BLD #3 (Leak Date: 6/9/21)

#### Incident Reference #: NAPP2116655568

This delineation workplan and remediation proposal addresses the releases associated with Incident Reference #: NAPP2116655568.

The following information includes:

1. Appropriate completed and signed C-141 pages.
2. Scaled digital site map with spill area demarcated and leak point identified along with sample point locations and areas of remediation at appropriate depths.
3. GPS information for sample points and sample methodology.
4. Depth to groundwater information (i.e., pdf of OSE search results, USGS search results).
5. Watercourse/features map within 1000 feet.
6. BLM Cave Karst map.
7. FEMA National Flood map.
8. Laboratory analysis results summary table and original laboratory analysis reports.
9. Potentially other pertinent information as necessary for site specific purposes.

***Based on the information included in this package and the NMOCD rules, the following remediation is proposed:***

***OXY will excavate the spill area as depicted on the following site diagram.***

***The leak area near SP1, SP3 – SP5, SP7 – SP9, and SP12 – SP14 (GREEN shade on diagram) will be excavated to a depth of 1 foot. The leak area near SP2 (BLUE shade on diagram) will be excavated to a depth of 2 feet. The leak area near SP6, SP10, and SP11 (WHITE shade on diagram) will require zero remediation.***

***OXY will collect sidewall and bottom confirmation samples every 200 square feet. The estimated amount of soil to be excavated is 977 cubic yards. The remediation will be completed within 90 days of approval.***

The entire site will then be backfilled with clean soil and revegetated (if warranted) to the standards of the appropriate regulatory agency or private surface owner.

All excavated materials will be disposed of at an NMOCD-approved disposal facility.

Form C-141

State of New Mexico  
Oil Conservation Division

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Incident ID	nAPP2116655568
District RP	
Facility ID	
Application ID	

### Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release?	28 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist:** *Each of the following items must be included in the report.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

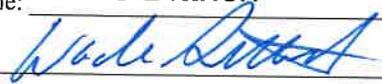
Form C-141

State of New Mexico  
Oil Conservation Division

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Incident ID	nAPP2116655568
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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.

Printed Name: Wade Dittrich Title: Environmental Coordinator  
 Signature:  Date: 10-26-21  
 email: wade\_dittrich@oxy.com Telephone: (575) 390-2828

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Form C-141

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Incident ID	nAPP2116655568
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## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: Wade Dittrich Title: Environmental Coordinator  
 Signature:  Date: 10-26-21  
 email: wade\_dittrich@oxy.com Telephone: (575) 390-2828

**OCD Only**

Received by: Chad Hensley Date: 02/22/2022

Approved       Approved with Attached Conditions of Approval       Denied       Deferral Approved

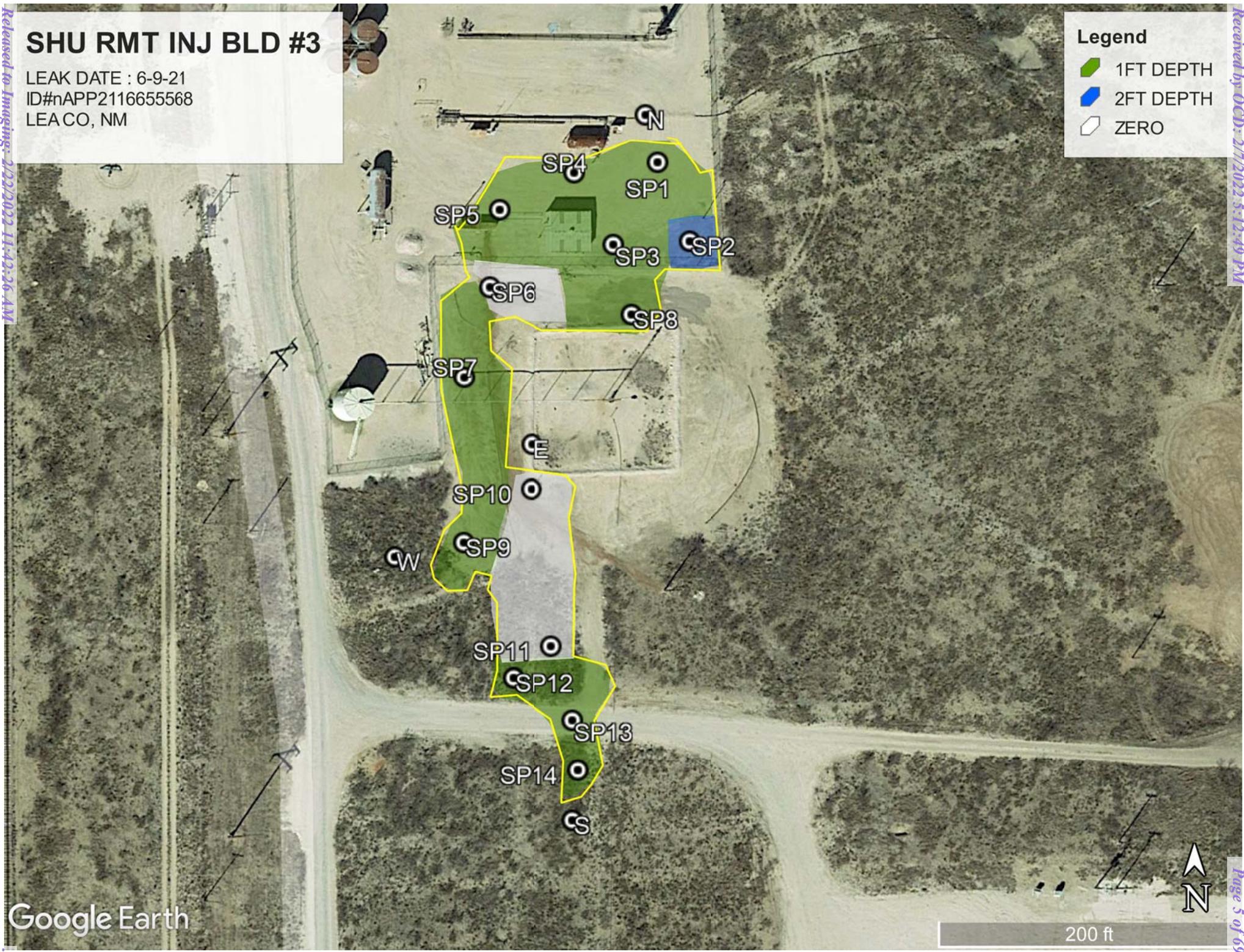
Signature:  Date: 02/22/2022

# SHU RMT INJ BLD #3

LEAK DATE : 6-9-21  
ID#nAPP2116655568  
LEACO, NM

**Legend**

- 1FT DEPTH
- 2FT DEPTH
- ZERO



SHU RMT INJ BLDG 3 (6-9-21)

LEAK AREA WITH SAMPLE POINTS

SP N	N32.679590	W103.142252
SP E	N32.678992	W103.142497
SP W	N32.678788	W103.142792
SP S	N32.678309	W103.142409
SP1	N32.679504	W103.142226
SP2	N32.679360	W103.142157
SP3	N32.679354	W103.142321
SP4	N32.679485	W103.142405
SP5	N32.679417	W103.142567
SP6	N32.679277	W103.142588
SP7	N32.679114	W103.142643
SP8	N32.679228	W103.142282
SP9	N32.678814	W103.142644
SP10	N32.678911	W103.142498
SP11	N32.678625	W103.142455
SP12	N32.678568	W103.142537
SP13	N32.678491	W103.142409
SP14	N32.678400	W103.142397



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## National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category:  Geographic Area:

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

Important: [Next Generation Monitoring Location Page](#)

### Search Results -- 1 sites found

Agency code = usgs  
 site\_no list = 

- 323948103080501

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

### USGS 323948103080501 19S.38E.10.43341

Available data for this site

Lea County, New Mexico

Hydrologic Unit Code 12080003

Latitude 32°39'48", Longitude 103°08'05" NAD27

Land-surface elevation 3,601 feet above NAVD88

The depth of the well is 58 feet below land surface.

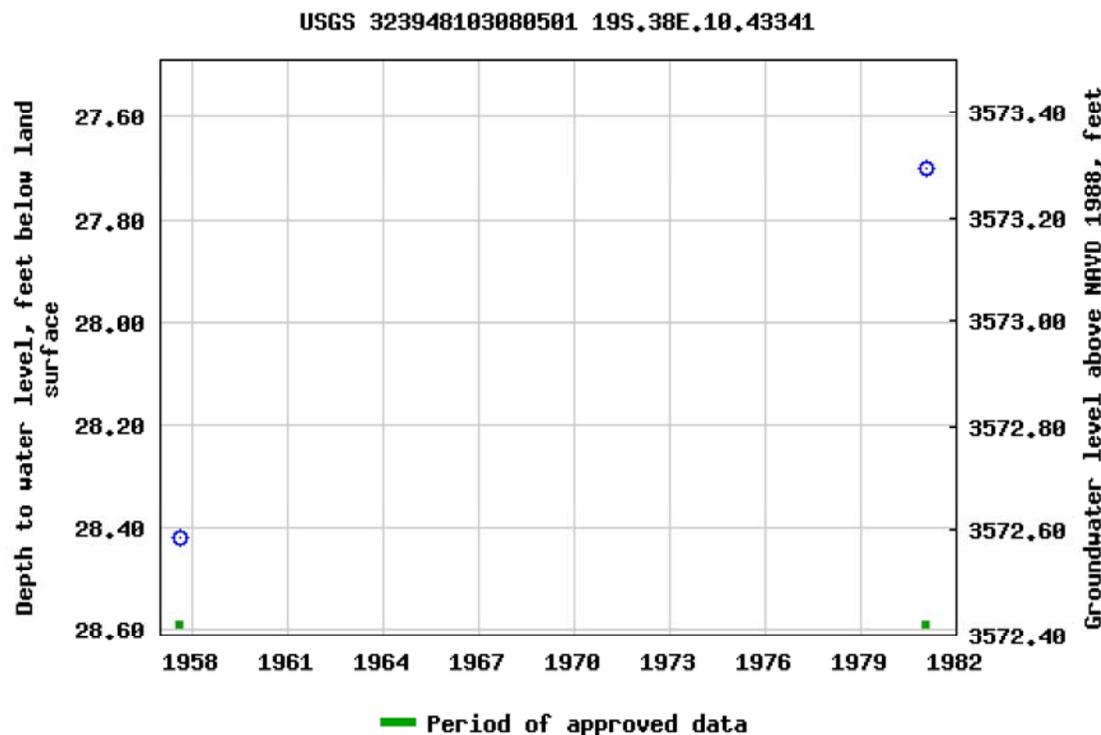
This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>

<a href="#">Graph of data</a>
<a href="#">Reselect period</a>



Breaks in the plot represent a gap of at least one year between field measurements.

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

**Title: Groundwater for New Mexico: Water Levels**

**URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>**

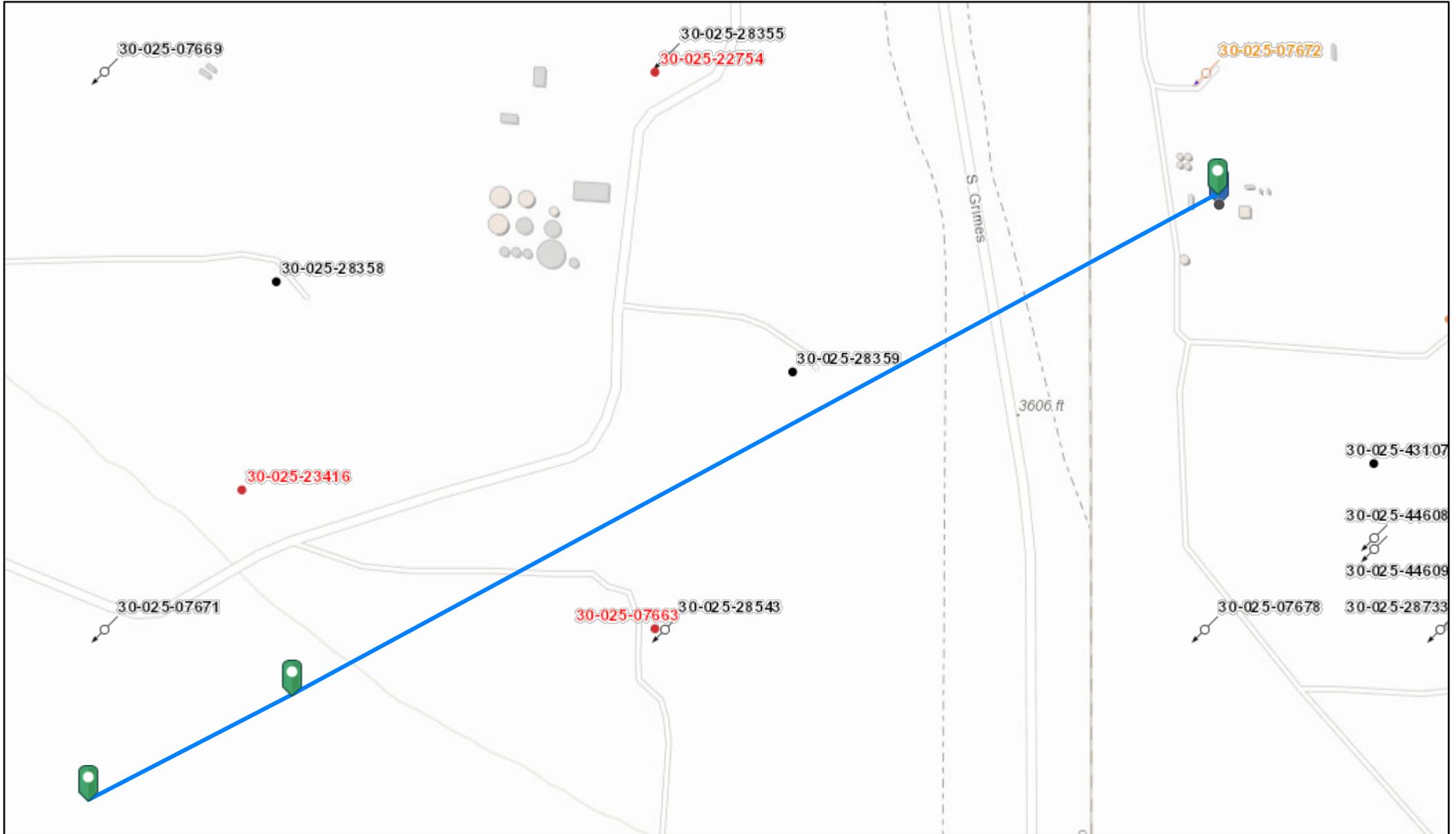


Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2022-02-04 18:25:35 EST

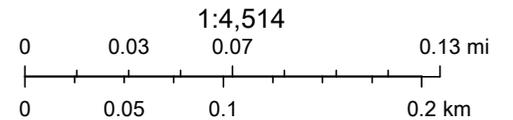
0.59 0.47 nadww01

# OCD Well Locations



11/2/2021 2:49:21 PM

- |                     |                              |                  |                              |                      |
|---------------------|------------------------------|------------------|------------------------------|----------------------|
| Wells - Large Scale | ✱ CO2, Cancelled             | ✱ Gas, Active    | ✱ Gas, Temporarily Abandoned | ✱ Injection, Plugged |
| ? undefined         | ✱ CO2, New                   | ✱ Gas, Cancelled | ✱ Injection, Active          |                      |
| ● Miscellaneous     | ✱ CO2, Plugged               | ✱ Gas, New       | ✱ Injection, Cancelled       |                      |
| ✱ CO2, Active       | ✱ CO2, Temporarily Abandoned | ✱ Gas, Plugged   | ✱ Injection, New             |                      |



City of Hobbs, Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., OCD

# Oxy-Shu Rmt Inj BLDG3

Leak Date: 6/9/21

Lea County, NM

## BLM CAVE KARST MAP

### Legend

-  Leak Area
-  Low



13°8'52"W 32°41'11"N



SEE THIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

Released to Imaging: 2/22/2022 11:42:26 AM

Received by OCD: 2/7/2022 5:12:49 PM



### Legend

	Without Base Flood Elevation (BFE) Zone A, V, AE3
	With BFE or Depth Zone AE AD AH VE NA
	Regulatory Floodway

	0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone B
	Future Conditions 1% Annual Chance Flood Hazard Zone X
	Area with Reduced Flood Risk due to Levee. See Notes. Zone X
	Area with Flood Risk due to Levee Zone C

	Area of Minimal Flood Hazard Zone X
	Effective LOMRS
	Area of Undetermined Flood Hazard Zone

	Channel, Culvert, or Storm Sewer Levee, Dike, or Floodwall
--	--

	Cross Sections with 1% Annual Chance Water Surface Elevation
	Coastal Transect
	Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary
	Coastal Transect Baseline
	Profile Baseline
	Hydrographic Feature

	Digital Data Available
	No Digital Data Available
	Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/26/2021 at 12:38 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmapped areas cannot be used for regulatory purposes.

		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		<b>64.0</b>	<b>&lt;16.0</b>	<b>48.0</b>	<b>&lt;16.0</b>
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<b>10.7</b>	<10.0	<b>12.4</b>
EXT DRO	TPH 8015M		<10.0	<b>12.9</b>	<10.0	<b>24.0</b>

		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		<b>1090</b>	<b>240</b>	<b>192</b>
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		<b>75.3</b>	<10.0	N/A
EXT DRO	TPH 8015M		<b>34.2</b>	<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		<b>3760</b>	<b>624</b>	<b>32.0</b>
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		<b>56.5</b>	<10.0	N/A
EXT DRO	TPH 8015M		<b>19.9</b>	<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		<b>2120</b>	<b>160</b>	<b>240</b>	<b>272</b>
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		<b>123</b>	<10.0	N/A	N/A
EXT DRO	TPH 8015M		<b>47.0</b>	<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		<b>2080</b>	<b>160</b>
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<b>33.9</b>	<10.0
EXT DRO	TPH 8015M		<b>14.8</b>	<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		<b>7460</b>	<b>208</b>	<b>160</b>
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		<b>48.0</b>	<b>32.0</b>	<b>32.0</b>
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		<b>11200</b>	<b>528</b>	<b>512</b>	<b>16.0</b>
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		<b>113</b>	<10.0	N/A	N/A
EXT DRO	TPH 8015M		<b>55.3</b>	<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		<b>3680</b>	<b>176</b>	<b>192</b>
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		<b>3840</b>	<b>336</b>	<b>272</b>	<b>192</b>
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		<b>100</b>	<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		<b>320</b>	<b>64.0</b>	<b>32.0</b>	<b>32.0</b>
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		<b>512</b>	<b>432</b>	<b>384</b>	<b>32.0</b>
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



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

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June 28, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SHU RMT INJ BLDG 3

Enclosed are the results of analyses for samples received by the laboratory on 06/22/21 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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	
<b>DRO &gt;C10-C28*</b>	<b>10.7</b>	10.0	06/24/2021	ND	226	113	200	1.77	
<b>EXT DRO &gt;C28-C36</b>	<b>12.9</b>	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, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/24/2021	ND	207	104	200	0.370		
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	226	113	200	1.77		
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND						

Surrogate: 1-Chlorooctane 95.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.9 % 38.9-142

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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 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	
<b>DRO &gt;C10-C28*</b>	<b>12.4</b>	10.0	06/24/2021	ND	226	113	200	1.77	
<b>EXT DRO &gt;C28-C36</b>	<b>24.0</b>	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



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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 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
<b>Chloride</b>	<b>1090</b>	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	
<b>DRO &gt;C10-C28*</b>	<b>75.3</b>	10.0	06/24/2021	ND	226	113	200	1.77	
<b>EXT DRO &gt;C28-C36</b>	<b>34.2</b>	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 95.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 104 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/22/2021	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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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 @ 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
<b>Chloride</b>	<b>192</b>	16.0	06/24/2021	ND	432	108	400	0.00	

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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 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
<b>Chloride</b>	<b>3760</b>	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	
<b>DRO &gt;C10-C28*</b>	<b>56.5</b>	10.0	06/24/2021	ND	226	113	200	1.77	
<b>EXT DRO &gt;C28-C36</b>	<b>19.9</b>	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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Celey D. Keene, Lab Director/Quality Manager



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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 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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Celey D. Keene, Lab Director/Quality Manager



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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 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
<b>Chloride</b>	<b>32.0</b>	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, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	06/24/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	123	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	47.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 97.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 109 % 38.9-142

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**Analytical Results For:**

BBC International, Inc.  
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 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 @ 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, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>160</b>	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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Celey D. Keene, Lab Director/Quality Manager



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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:**

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

Received:	06/22/2021	Sampling Date:	06/17/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: SP 4 @ SURFACE (H211622-15)**

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
<b>Chloride</b>	<b>2080</b>	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	
<b>DRO &gt;C10-C28*</b>	<b>33.9</b>	10.0	06/24/2021	ND	226	113	200	1.77	
<b>EXT DRO &gt;C28-C36</b>	<b>14.8</b>	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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Celey D. Keene, Lab Director/Quality Manager



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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 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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Celey D. Keene, Lab Director/Quality Manager



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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 @ 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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Celey D. Keene, Lab Director/Quality Manager



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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
<b>Chloride</b>	<b>160</b>	16.0	06/24/2021	ND	432	108	400	3.77	

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**Analytical Results For:**

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

Received:	06/22/2021	Sampling Date:	06/17/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: SP 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:**

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 @ 1' (H211622-21)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2021	ND	2.06	103	2.00	3.32	
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.6	2.00	3.55	
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.91	95.6	2.00	3.65	
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.80	96.6	6.00	3.67	
Total BTEX	<0.300	0.300	06/24/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 108 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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
<b>Chloride</b>	<b>32.0</b>	16.0	06/24/2021	ND	432	108	400	3.77	

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**Analytical Results For:**

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

Received:	06/22/2021	Sampling Date:	06/17/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: SP 7 @ SURFACE (H211622-23)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2021	ND	2.06	103	2.00	3.32	
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.6	2.00	3.55	
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.91	95.6	2.00	3.65	
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.80	96.6	6.00	3.67	
Total BTEX	<0.300	0.300	06/24/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>11200</b>	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	
<b>DRO &gt;C10-C28*</b>	<b>113</b>	10.0	06/24/2021	ND	226	113	200	1.77	
<b>EXT DRO &gt;C28-C36</b>	<b>55.3</b>	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, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	06/24/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 99.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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**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
<b>Chloride</b>	<b>512</b>	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
<b>Chloride</b>	<b>16.0</b>	16.0	06/24/2021	ND	432	108	400	3.77	

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**Analytical Results For:**

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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 @ SURFACE (H211622-27)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2021	ND	2.06	103	2.00	3.32	
Toluene*	<0.050	0.050	06/24/2021	ND	1.99	99.6	2.00	3.55	
Ethylbenzene*	<0.050	0.050	06/24/2021	ND	1.91	95.6	2.00	3.65	
Total Xylenes*	<0.150	0.150	06/24/2021	ND	5.80	96.6	6.00	3.67	
Total BTEX	<0.300	0.300	06/24/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	06/24/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 99.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 114 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/22/2021	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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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 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
<b>Chloride</b>	<b>192</b>	16.0	06/24/2021	ND	432	108	400	3.77	

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**Analytical Results For:**

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

Received:	06/22/2021	Sampling Date:	06/18/2021
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
<b>Chloride</b>	<b>3840</b>	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	
<b>DRO &gt;C10-C28*</b>	<b>100</b>	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 78.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.0 % 38.9-142

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**Analytical Results For:**

BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 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, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	06/24/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 92.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 104 % 38.9-142

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**Analytical Results For:**

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

Received:	06/22/2021	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
<b>Chloride</b>	<b>272</b>	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
<b>Chloride</b>	<b>192</b>	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:	06/18/2021
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, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	06/24/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 89.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.8 % 38.9-142

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**Analytical Results For:**

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

Received:	06/22/2021	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:**

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

Received:	06/22/2021	Sampling Date:	06/18/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	SHU RMT INJ BLDG 3	Sampling Condition:	Cool & Intact
Project Number:	(6-9-21 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: SP 10 @ 2' (H211622-36)**

Chloride, 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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 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 @ 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:**

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 @ 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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 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, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>384</b>	16.0	06/24/2021	ND	432	108	400	3.77	

**Sample ID: SP 11 @ 3' (H211622-42)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	06/24/2021	ND	432	108	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager



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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 @ 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
<b>Chloride</b>	<b>400</b>	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	
<b>DRO &gt;C10-C28*</b>	<b>366</b>	10.0	06/24/2021	ND	210	105	200	5.76	
<b>EXT DRO &gt;C28-C36</b>	<b>299</b>	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:**

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 Cliff Brunson  
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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 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, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>416</b>	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	
<b>DRO &gt;C10-C28*</b>	<b>159</b>	10.0	06/24/2021	ND	210	105	200	5.76	
<b>EXT DRO &gt;C28-C36</b>	<b>139</b>	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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 Cliff Brunson  
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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, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	06/24/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2021	ND	193	96.3	200	6.51	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	210	105	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 98.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/22/2021	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
<b>Chloride</b>	<b>464</b>	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	
<b>DRO &gt;C10-C28*</b>	<b>166</b>	10.0	06/24/2021	ND	210	105	200	5.76	
<b>EXT DRO &gt;C28-C36</b>	<b>139</b>	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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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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 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 @ 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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\*=Accredited Analyte

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager

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

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

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

**BILL TO**

**ANALYSIS REQUEST**

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	IS	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
	SP N @ SURFACE													
	SP E @ SURFACE													
	SP W @ SURFACE													
	SP S @ SURFACE													
	SP 1 @ SURFACE													
	SP 1 @ 1'													
	SP 1 @ 2'													
	SP 2 @ SURFACE													
	SP 2 @ 1'													
	SP 2 @ 2'													

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Relinquished By: \_\_\_\_\_  
 Date: 6-22-21  
 Time: 1600  
 Received By: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other: UPS  
 Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476  
 Sample Condition: Cool  Intact   
 Checked By: \_\_\_\_\_ (Initials)  
 Phone Result:  Yes  No  
 Fax Result:  Yes  No  
 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 :	ACID/BASE:					
He11622	SP3 @ SURFACE	G	1								6-17-21	10:45	✓	✓	✓
	SP3 @ 1'										6-17-21	10:58	✓	✓	✓
	SP3 @ 2'										6-17-21	11:17	✓	✓	✓
	SP3 @ 3'										6-17-21	11:31	✓	✓	✓
	SP4 @ SURFACE										6-17-21	11:43	✓	✓	✓
	SP4 @ 1'										6-17-21	11:56	✓	✓	✓
	SP5 @ SURFACE										6-17-21	12:47	✓	✓	✓
	SP5 @ 1'										6-17-21	1:10	✓	✓	✓
	SP5 @ 2'										6-17-21	1:24	✓	✓	✓
	SP6 @ SURFACE										6-17-21	2:05	✓	✓	✓

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Relinquished By: \_\_\_\_\_ Date: **6-22-21** Time: **1600**  
 Received By: **Simone [Signature]**  
 Delivered By: (Circle One) \_\_\_\_\_  
 Sampler - UPS - Bus - Other: **-1.1c #113**  
 Sample Condition: Cool  Yes  No Intact  Yes  No  
 CHECKED BY: **[Signature]**  
 Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_  
 REMARKS: \_\_\_\_\_

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



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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 #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		<b>BILL TO</b>	
FOR LAB USE ONLY Lab I.D. <b>Sample I.D.</b> H211622		<b>ANALYSIS REQUEST</b>	
SP6 @ 1' SP6 @ 2' SP7 @ SURFACE SP7 @ 1' SP7 @ 2' SP7 @ 3' SP8 @ SURFACE SP8 @ 1' SP8 @ 2' SP9 @ SURFACE		(G)RAB OR (C)OMP. # CONTAINERS G 1 GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	
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 6-18-21		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 YES YES	

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Relinquished By: \_\_\_\_\_ Date: 6-22-21  
 Received By: \_\_\_\_\_ Date: 7/1/21

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

Sample Condition: Cool  Intact   
 Yes  No  Yes  No

CHECKED BY: (Initials) \_\_\_\_\_

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: OXY  
 Address: P.O. Box 805 State: NM Zip: 88241  
 City: Hobbs Attn: WADE  
 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: Phone #:  
 Sample Name: SIMON RENDON Fax #:  
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	BTEX	TPH EXT	Add'l Phone #:	Add'l Fax #:
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
41	SP41 @ 2'	✓	5							6-18-21	10:38	✓				
42	SP1 @ 3'	✓								6-18-21	10:55	✓				
43	SP12 @ SURFACE	✓								6-18-21	11:20	✓	✓			
44	SP12 @ 1'	✓								6-18-21	11:42	✓	✓			
45	SP12 @ 2'	✓								6-18-21	12:03	✓				
46	SP12 @ 3'	✓								6-18-21	12:48	✓	✓			
47	SP13 @ SURFACE	✓								6-18-21	1:10	✓	✓			
48	SP13 @ 1'	✓								6-18-21	1:23	✓				
49	SP13 @ 2'	✓								6-18-21	1:40	✓				
50	SP13 @ 3'	✓								6-18-21	1:56	✓				

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Relinquished By: *[Signature]* Date: 6-23-21 Received By: *[Signature]* Phone Result:  Yes  No  
 Time: 1:00  
 Date: 1:00  
 Time: Received By: *[Signature]* Fax Result:  Yes  No  
 Relinquished By: *[Signature]* Date: 6-23-21 Received By: *[Signature]* Add'l Phone #:  
 Time: Add'l Fax #:  
 Delivered By: (Circle One) Sample Condition: Cool  Intact   
 Sampler - UPS - Bus - Other: -1.1c #113 Yes  No  Yes  No  
 CHECKED BY: (Initials) *[Signature]*

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*Disregard 1 Duplicate To 6/23/21*



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 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 79319

**CONDITIONS**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 79319
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
chensley	Closure report due 05/23/2022	2/22/2022