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## DELINEATION/REMEDIATION WORKPLAN

### OXY – PRIZE FED #7 (Leak Date: 6/13/20)

### Incident Reference #: NRM2022461212

This delineation workplan and remediation proposal addresses the releases associated with Incident Reference #: NRM2022461212.

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, SP4 – SP6, and SP9 – SP10 (blue shade on diagram) will be excavated to a depth of 1 foot. The leak area near SP3 (pink shade on diagram) will be excavated to a depth of 7 feet. The leak area near SP2, SP7, and SP8 (green shade on diagram) will be excavated to a depth of 2 feet.**

**OXY will collect sidewall and confirmation samples every 300 square feet. The estimated amount of soil to be excavated is 529 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	NRM2022461212
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?	370 (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 checked="" type="checkbox"/> Yes <input 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	NRM2022461212
District RP	
Facility ID	
Application ID	

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: 1-5-21

email: wade\_dittrich@oxy.com Telephone: (575) 390-2828

**OCD Only**

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

Form C-141

State of New Mexico  
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Incident ID	NRM2022461212
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Application ID	

### 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: 1-5-21  
 email: wade\_dittrich@oxy.com Telephone: (575) 390-2828

**OCD Only**

Received by: Chad Hensley Date: 03/24/2021

- Approved       Approved with Attached Conditions of Approval       Denied       Deferral Approved

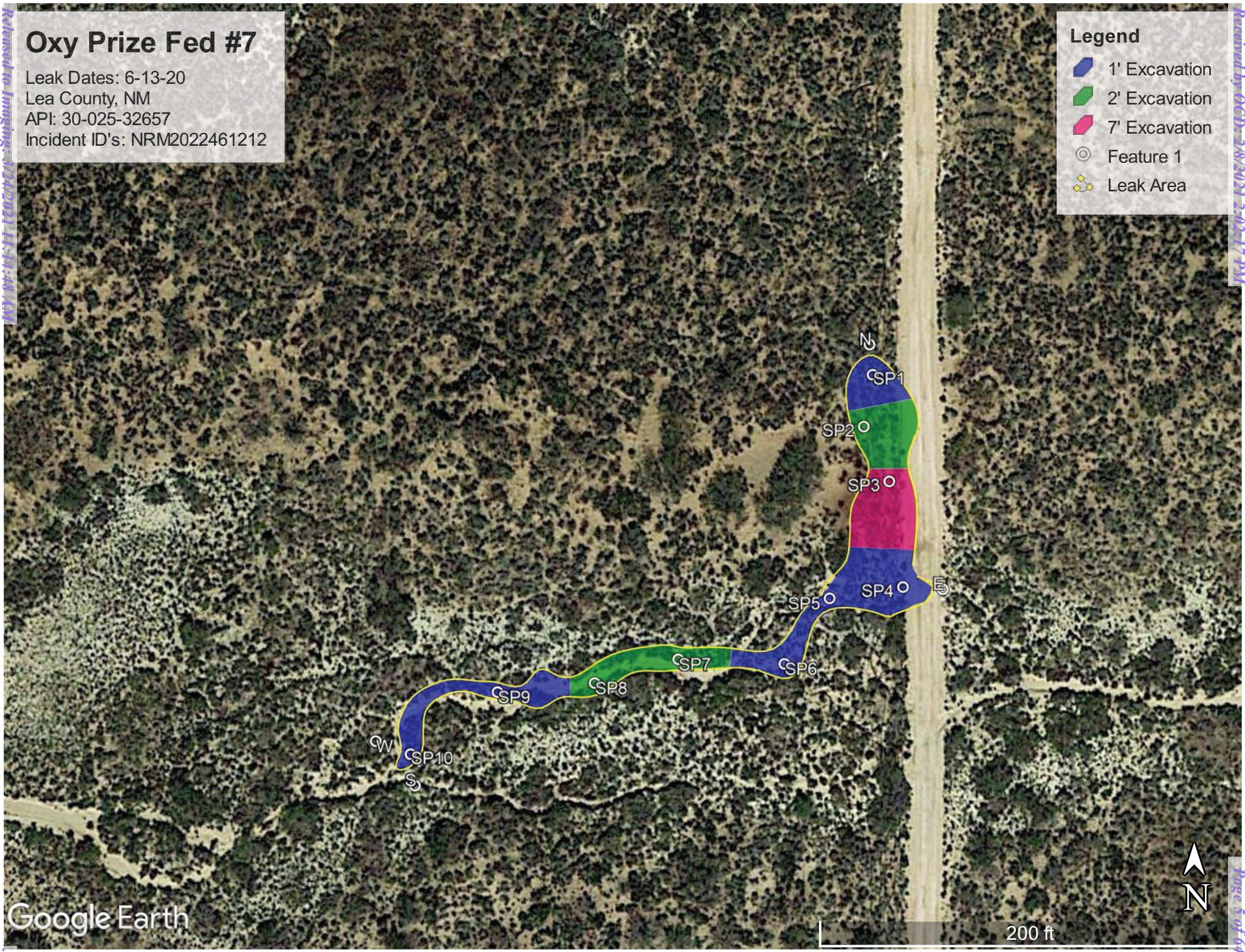
Signature:  Date: 03/24/2021

# Oxy Prize Fed #7

Leak Dates: 6-13-20  
Lea County, NM  
API: 30-025-32657  
Incident ID's: NRM2022461212

**Legend**

-  1' Excavation
-  2' Excavation
-  7' Excavation
-  Feature 1
-  Leak Area



Oxy, Prize Fed #7 **6-13-20**

Sample Points:

SP1, N 32.36190, W -103.65719

SP2, N 32.36184, W -103.65720

SP3, N 32.36176, W -103.65716

SP4, N 32.36163, W -103.65714

SP5, N 32.36161, W -103.65726

SP6, N 32.36153, W -103.65733

SP7, N 32.36153, W -103.65749

SP8, N 32.36150, W -103.65762

SP9, N 32.36149, W -103.65777

SP10, N 32.36141, W -103.65790

N, N 32.36194, W -103.65720

E, N 32.36162, W -103.65708

W, N 32.36143, W -103.65796

S, N 32.36137, W -103.65790



USGS Home  
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National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: New Mexico

Click to hide News Bulletins

- [Introducing The Next Generation of USGS Water Data for the Nation](#)
- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs  
site\_no list =  
• 322314103383601

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

USGS 322314103383601 22S.32E.14.32422

Lea County, New Mexico  
Latitude 32°23'14", Longitude 103°38'36" NAD27  
Land-surface elevation 3,740 feet above NAVD88  
The depth of the well is 380 feet below land surface.  
This well is completed in the Santa Rosa Sandstone (231SNRS) 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>

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1972-09-13		D	370.40			2		U		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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

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



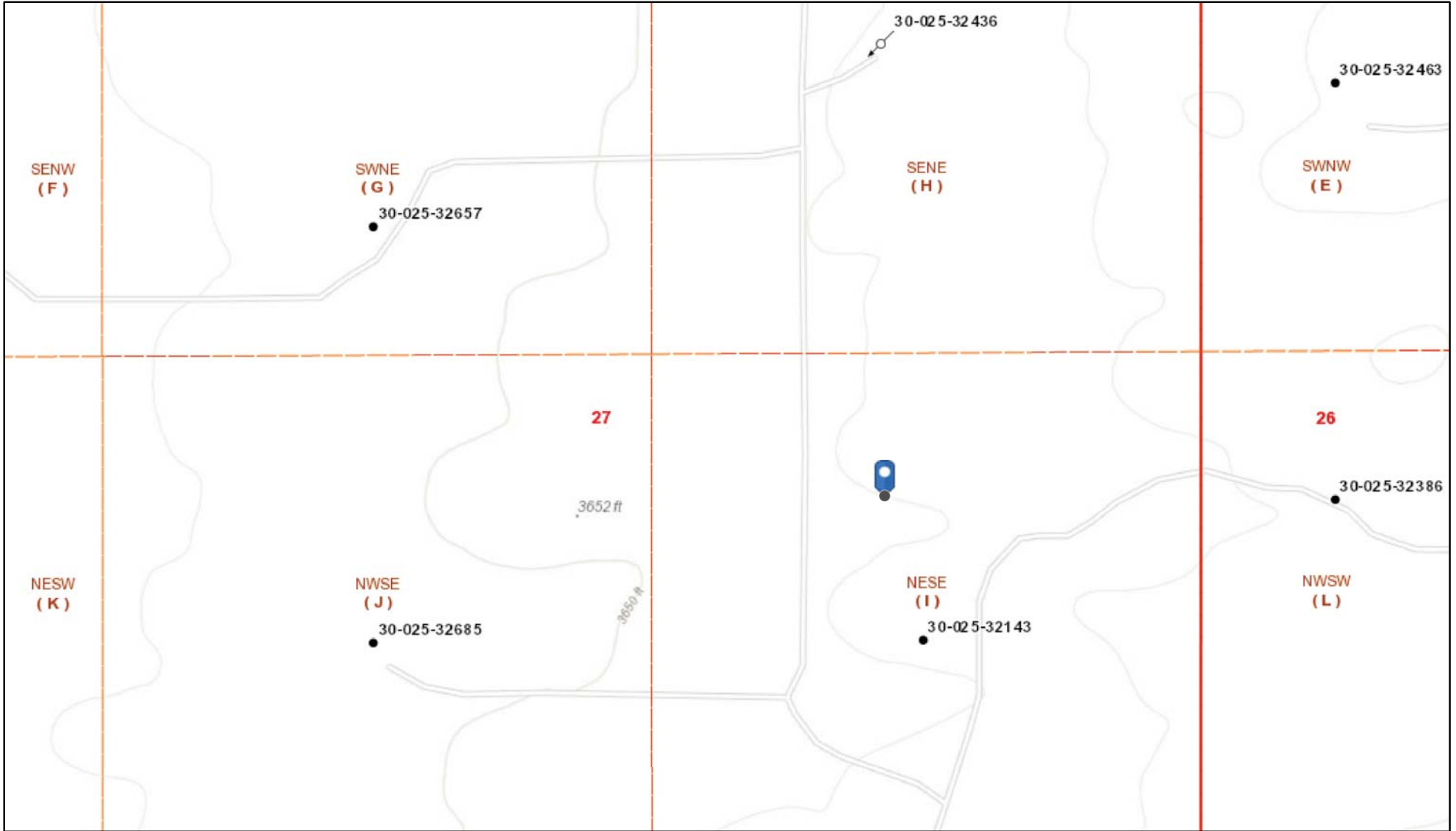
Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2020-07-29 18:15:50 EDT

10.57 0.26 nadww01

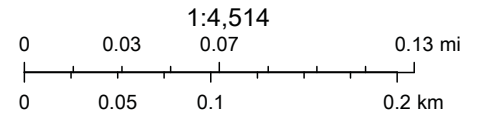


# Oxy, Prize Fed #7 (6-13-20) + 3,000 ft to h2o



7/29/2020, 4:06:21 PM

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



Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c)

New Mexico Oil Conservation Division



NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75>: New Mexico Oil Conservation Division

# Oxy Prize Fed #7

Leak Date: 6-13-2020  
Lea County, NM  
API: 30-025-32657

## BLM CAVE KARST MAP

**Legend**

-  Leak Area
-  Low Potential



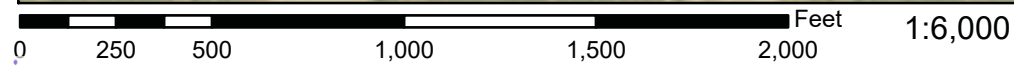
# National Flood Hazard Layer FIRMette



103°39'42"W 32°21'58"N



USGS The National Map: Orthoimagery. Data refreshed April 2020



103°39'5"W 32°21'27"N

### Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone X</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
MAP PANELS		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 7/29/2020 at 6:10 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 unmodernized areas cannot be used for regulatory purposes.

Retrieved to Imaging: 3/21/2021 11:14:48 AM

Retrieved by OCD: 2/8/2021 2:02:17 PM

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Laboratory Analytical Results Summary  
Oxy, Prize Fed #7 (6-13-20)

		Sample ID	North @ Surface	East @ Surface	West @ Surface	South @ Surface
<b>Analyte</b>	<b>Method</b>	<b>Date</b>	8/12/20	8/12/20	8/12/20	8/12/20
			mg/kg	mg/kg	mg/kg	mg/kg
<b>Benzene</b>	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
<b>Toluene</b>	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
<b>Ethylbenzene</b>	BTEX 8021B		<b>0.076</b>	<b>0.104</b>	<0.050	0.073
<b>Total Xylenes</b>	BTEX 8021B		<b>0.301</b>	<b>0.363</b>	<0.150	0.257
<b>Total BTEX</b>	BTEX 8021B		<b>0.377</b>	<b>0.466</b>	<0.300	0.330
<b>Chloride</b>	SM4500Cl-B		<16.0	<16.0	<b>16.0</b>	<16.0
<b>GRO</b>	TPH 8015M		<b>13.5</b>	<b>12.6</b>	<10.0	<10.0
<b>DRO</b>	TPH 8015M		<b>43.1</b>	<b>12.1</b>	<b>44.1</b>	<b>19.5</b>
<b>EXT DRO</b>	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample ID	SP1 @ Surface	SP1 @ 1'	SP1 @ 2'
<b>Analyte</b>	<b>Method</b>	<b>Date</b>	8/12/20	8/12/20	8/12/20
			mg/kg	mg/kg	mg/kg
<b>Benzene</b>	BTEX 8021B		<0.050	<0.050	n/a
<b>Toluene</b>	BTEX 8021B		<0.050	<0.050	n/a
<b>Ethylbenzene</b>	BTEX 8021B		<b>0.127</b>	<0.050	n/a
<b>Total Xylenes</b>	BTEX 8021B		<b>0.444</b>	<0.150	n/a
<b>Total BTEX</b>	BTEX 8021B		<b>0.571</b>	<0.300	n/a
<b>Chloride</b>	SM4500Cl-B		<b>192</b>	<b>48.0</b>	<b>32.0</b>
<b>GRO</b>	TPH 8015M		<b>11.1</b>	<10.0	n/a
<b>DRO</b>	TPH 8015M		<b>41.0</b>	<10.0	n/a
<b>EXT DRO</b>	TPH 8015M		<b>11.5</b>	<10.0	n/a

		Sample ID	SP2 @ Surface	SP2 @ 1'	SP2 @ 2'
<b>Analyte</b>	<b>Method</b>	<b>Date</b>	8/12/20	8/12/20	8/12/20
			mg/kg	mg/kg	mg/kg
<b>Benzene</b>	BTEX 8021B		<0.050	<0.050	n/a
<b>Toluene</b>	BTEX 8021B		<0.050	<0.050	n/a
<b>Ethylbenzene</b>	BTEX 8021B		<b>0.178</b>	<0.050	n/a
<b>Total Xylenes</b>	BTEX 8021B		<b>0.958</b>	<0.150	n/a
<b>Total BTEX</b>	BTEX 8021B		<b>1.14</b>	<0.300	n/a
<b>Chloride</b>	SM4500Cl-B		<b>9400</b>	<b>2040</b>	<b>304</b>
<b>GRO</b>	TPH 8015M		<b>53.4</b>	<10.0	n/a
<b>DRO</b>	TPH 8015M		<b>2930</b>	<b>49.2</b>	n/a
<b>EXT DRO</b>	TPH 8015M		<b>1150</b>	<b>24.8</b>	n/a

		Sample ID	SP3 @ Surface	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'	SP3 @ 5'	SP3 @ 6'	SP3 @ 7'	SP3 @ 8'	SP3 @ 9'
<b>Analyte</b>	<b>Method</b>	<b>Date</b>	8/12/20	8/12/20	8/12/20	8/12/20	8/12/20	8/12/20	8/13/20	8/13/20	8/13/20	8/13/20
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
<b>Benzene</b>	BTEX 8021B		<0.200	<0.050	<0.200	<0.050	<0.050	<0.050	<0.050	<0.050	n/a	n/a
<b>Toluene</b>	BTEX 8021B		<b>0.358</b>	<b>0.084</b>	<b>0.331</b>	<0.050	<0.050	<0.050	<0.050	<0.050	n/a	n/a
<b>Ethylbenzene</b>	BTEX 8021B		<b>1.18</b>	<b>0.605</b>	<b>1.61</b>	<0.050	<0.050	<0.050	<0.050	<0.050	n/a	n/a
<b>Total Xylenes</b>	BTEX 8021B		<b>5.81</b>	<b>3.58</b>	<b>8.05</b>	<b>0.466</b>	<0.150	<0.150	<0.150	<0.150	n/a	n/a
<b>Total BTEX</b>	BTEX 8021B		<b>7.35</b>	<b>4.27</b>	<b>9.99</b>	<b>0.466</b>	<0.300	<0.300	<0.300	<0.300	n/a	n/a
<b>Chloride</b>	SM4500Cl-B		<b>1390</b>	<b>3360</b>	<b>2200</b>	<b>8660</b>	<b>8260</b>	<b>12000</b>	<b>4240</b>	<b>64.0</b>	<b>16.0</b>	<b>16.0</b>
<b>GRO</b>	TPH 8015M		<b>301</b>	<b>406</b>	<b>668</b>	<b>60.3</b>	<b>11.3</b>	<10.0	<10.0	<10.0	n/a	n/a
<b>DRO</b>	TPH 8015M		<b>13600</b>	<b>9610</b>	<b>10600</b>	<b>1880</b>	<b>989</b>	<b>706</b>	<b>148</b>	<10.0	n/a	n/a
<b>EXT DRO</b>	TPH 8015M		<b>3670</b>	<b>1550</b>	<b>1580</b>	<b>398</b>	<b>227</b>	<b>189</b>	<b>45.4</b>	<10.0	n/a	n/a

Laboratory Analytical Results Summary  
Oxy, Prize Fed #7 (6-13-20)

		Sample ID	SP4 @ Surface	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'
Analyte	Method	Date	8/13/20	8/13/20	8/13/20	8/13/20
			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		<b>0.052</b>	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<b>0.219</b>	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a	n/a
Chloride	SM4500Cl-B		<b>1260</b>	<b>64.0</b>	<b>80.0</b>	<16.0
GRO	TPH 8015M		<10.0	<10.0	n/a	n/a
DRO	TPH 8015M		<b>105</b>	<10.0	n/a	n/a
EXT DRO	TPH 8015M		<b>48.0</b>	<10.0	n/a	n/a

		Sample ID	SP5 @ Surface	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'
Analyte	Method	Date	8/13/20	8/13/20	8/13/20	8/13/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	n/a
Toluene	BTEX 8021B		<b>0.087</b>	<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		<b>0.172</b>	<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		<b>0.676</b>	<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		<b>0.935</b>	<0.300	<0.300	n/a
Chloride	SM4500Cl-B		<b>5440</b>	<b>464</b>	<b>160</b>	<b>16.0</b>
GRO	TPH 8015M		<50.0	<10.0	<10.0	n/a
DRO	TPH 8015M		<b>10600</b>	<b>361</b>	<b>64.5</b>	n/a
EXT DRO	TPH 8015M		<b>3330</b>	<b>95.7</b>	<b>23.7</b>	n/a

		Sample ID	SP6 @ Surface	SP6 @ 1'	SP6 @ 2'
Analyte	Method	Date	8/13/20	8/13/20	8/13/20
			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		<b>0.144</b>	<0.050	n/a
Total Xylenes	BTEX 8021B		<b>0.552</b>	<0.150	n/a
Total BTEX	BTEX 8021B		<b>0.695</b>	<0.300	n/a
Chloride	SM4500Cl-B		<b>112</b>	<b>32.0</b>	<b>32.0</b>
GRO	TPH 8015M		<b>14.3</b>	<10.0	n/a
DRO	TPH 8015M		<b>1010</b>	<b>40.3</b>	n/a
EXT DRO	TPH 8015M		<b>381</b>	<b>29.6</b>	n/a

		Sample ID	SP7 @ Surface	SP7 @ 1'	SP7 @ 2'	SP7 @ 3'
Analyte	Method	Date	8/13/20	8/13/20	8/13/20	8/13/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	n/a
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		<b>0.075</b>	<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		<b>0.234</b>	<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		<b>0.309</b>	<0.300	<0.300	n/a
Chloride	SM4500Cl-B		<b>1760</b>	<b>2520</b>	<b>400</b>	<b>80.0</b>
GRO	TPH 8015M		<10.0	<10.0	<10.0	n/a
DRO	TPH 8015M		<b>21.0</b>	<10.0	<10.0	n/a
EXT DRO	TPH 8015M		<b>12.1</b>	<10.0	<10.0	n/a

Laboratory Analytical Results Summary  
Oxy, Prize Fed #7 (6-13-20)

		Sample ID	SP8 @ Surface	SP8 @ 1'	SP8 @ 2'	SP8 @ 3'
Analyte	Method	Date	8/13/20	8/13/20	8/13/20	8/13/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	n/a
Toluene	BTEX 8021B		<b>0.058</b>	<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		<b>0.201</b>	<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		<b>0.941</b>	<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		<b>1.20</b>	<0.300	<0.300	n/a
Chloride	SM4500Cl-B		<b>1070</b>	<b>496</b>	<b>64.0</b>	<b>64.0</b>
GRO	TPH 8015M		<100	<10.0	<10.0	n/a
DRO	TPH 8015M		<b>10400</b>	<b>122</b>	<10.0	n/a
EXT DRO	TPH 8015M		<b>3980</b>	<b>32.5</b>	<10.0	n/a

		Sample ID	SP9 @ Surface	SP9 @ 1'	SP9 @ 2'
Analyte	Method	Date	8/13/20	8/13/20	8/13/20
			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		<b>0.068</b>	<0.050	n/a
Total Xylenes	BTEX 8021B		<b>0.278</b>	<0.150	n/a
Total BTEX	BTEX 8021B		<b>0.346</b>	<0.300	n/a
Chloride	SM4500Cl-B		<b>2920</b>	<16.0	<16.0
GRO	TPH 8015M		<50.0	<10.0	n/a
DRO	TPH 8015M		<b>6970</b>	<10.0	n/a
EXT DRO	TPH 8015M		<b>2550</b>	<10.0	n/a

		Sample ID	SP10 @ Surface	SP10 @ 1'	SP10 @ 2'	SP10 @ 3'
Analyte	Method	Date	8/13/20	8/13/20	8/13/20	8/13/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	n/a
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		<b>0.130</b>	<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		<b>0.333</b>	<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		<b>0.464</b>	<0.300	<0.300	n/a
Chloride	SM4500Cl-B		<b>5120</b>	<b>80.0</b>	<16.0	<b>144</b>
GRO	TPH 8015M		<50.0	<10.0	<10.0	n/a
DRO	TPH 8015M		<b>10600</b>	<b>72.0</b>	<10.0	n/a
EXT DRO	TPH 8015M		<b>3270</b>	<b>17.3</b>	<10.0	n/a



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

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August 24, 2020

Cliff Brunson  
BBC International, Inc.  
P.O. Box 805  
Hobbs, NM 88241

RE: PRIZE FED #7

Enclosed are the results of analyses for samples received by the laboratory on 08/18/20 14:55.

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:	08/18/2020	Sampling Date:	08/12/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: N @ SURFACE (H002151-01)**

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	08/19/2020	ND	1.98	99.1	2.00	3.71	
Toluene*	<0.050	0.050	08/19/2020	ND	1.99	99.3	2.00	4.07	
<b>Ethylbenzene*</b>	<b>0.076</b>	0.050	08/19/2020	ND	1.96	98.0	2.00	4.16	
<b>Total Xylenes*</b>	<b>0.301</b>	0.150	08/19/2020	ND	5.67	94.6	6.00	4.20	
<b>Total BTEX</b>	<b>0.377</b>	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

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	08/20/2020	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
<b>GRO C6-C10*</b>	<b>13.5</b>	10.0	08/19/2020	ND	190	95.2	200	1.87	
<b>DRO &gt;C10-C28*</b>	<b>43.1</b>	10.0	08/19/2020	ND	183	91.6	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 90.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.2 % 42.2-156

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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:	08/18/2020	Sampling Date:	08/12/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: E @ SURFACE (H002151-02)**

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	08/19/2020	ND	1.98	99.1	2.00	3.71	
Toluene*	<0.050	0.050	08/19/2020	ND	1.99	99.3	2.00	4.07	
<b>Ethylbenzene*</b>	<b>0.104</b>	0.050	08/19/2020	ND	1.96	98.0	2.00	4.16	
<b>Total Xylenes*</b>	<b>0.363</b>	0.150	08/19/2020	ND	5.67	94.6	6.00	4.20	
<b>Total BTEX</b>	<b>0.466</b>	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

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	08/20/2020	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
<b>GRO C6-C10*</b>	<b>12.6</b>	10.0	08/19/2020	ND	190	95.2	200	1.87	
<b>DRO &gt;C10-C28*</b>	<b>12.1</b>	10.0	08/19/2020	ND	183	91.6	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.7 % 42.2-156

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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:	08/18/2020	Sampling Date:	08/12/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: W @ SURFACE (H002151-03)**

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	08/19/2020	ND	1.98	99.1	2.00	3.71	
Toluene*	<0.050	0.050	08/19/2020	ND	1.99	99.3	2.00	4.07	
Ethylbenzene*	<0.050	0.050	08/19/2020	ND	1.96	98.0	2.00	4.16	
Total Xylenes*	<0.150	0.150	08/19/2020	ND	5.67	94.6	6.00	4.20	
Total BTEX	<0.300	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

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>16.0</b>	16.0	08/20/2020	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	08/19/2020	ND	190	95.2	200	1.87	
<b>DRO &gt;C10-C28*</b>	<b>44.1</b>	10.0	08/19/2020	ND	183	91.6	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 90.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.2 % 42.2-156

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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:	08/18/2020	Sampling Date:	08/12/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: S @ SURFACE (H002151-04)**

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	08/19/2020	ND	1.98	99.1	2.00	3.71	
Toluene*	<0.050	0.050	08/19/2020	ND	1.99	99.3	2.00	4.07	
<b>Ethylbenzene*</b>	<b>0.073</b>	0.050	08/19/2020	ND	1.96	98.0	2.00	4.16	
<b>Total Xylenes*</b>	<b>0.257</b>	0.150	08/19/2020	ND	5.67	94.6	6.00	4.20	
<b>Total BTEX</b>	<b>0.330</b>	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

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	08/20/2020	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	08/19/2020	ND	190	95.2	200	1.87	
<b>DRO &gt;C10-C28*</b>	<b>19.5</b>	10.0	08/19/2020	ND	183	91.6	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.7 % 42.2-156

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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:	08/18/2020	Sampling Date:	08/12/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 1 @ SURFACE (H002151-05)**

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	08/19/2020	ND	1.98	99.1	2.00	3.71	
Toluene*	<0.050	0.050	08/19/2020	ND	1.99	99.3	2.00	4.07	
<b>Ethylbenzene*</b>	<b>0.127</b>	0.050	08/19/2020	ND	1.96	98.0	2.00	4.16	
<b>Total Xylenes*</b>	<b>0.444</b>	0.150	08/19/2020	ND	5.67	94.6	6.00	4.20	
<b>Total BTEX</b>	<b>0.571</b>	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

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	08/20/2020	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
<b>GRO C6-C10*</b>	<b>11.1</b>	10.0	08/19/2020	ND	190	95.2	200	1.87	
<b>DRO &gt;C10-C28*</b>	<b>41.0</b>	10.0	08/19/2020	ND	183	91.6	200	2.99	
<b>EXT DRO &gt;C28-C36</b>	<b>11.5</b>	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 88.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.7 % 42.2-156

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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:	08/18/2020	Sampling Date:	08/12/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 1 @ 1' (H002151-06)**

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	08/19/2020	ND	1.98	99.1	2.00	3.71	
Toluene*	<0.050	0.050	08/19/2020	ND	1.99	99.3	2.00	4.07	
Ethylbenzene*	<0.050	0.050	08/19/2020	ND	1.96	98.0	2.00	4.16	
Total Xylenes*	<0.150	0.150	08/19/2020	ND	5.67	94.6	6.00	4.20	
Total BTEX	<0.300	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.3-129

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>48.0</b>	16.0	08/20/2020	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	08/19/2020	ND	190	95.2	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/19/2020	ND	183	91.6	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 84.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.5 % 42.2-156

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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:	08/18/2020	Sampling Date:	08/12/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 1 @ 2' (H002151-07)**

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>32.0</b>	16.0	08/20/2020	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:	08/18/2020	Sampling Date:	08/12/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 2 @ SURFACE (H002151-08)**

BTEX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2020	ND	1.85	92.4	2.00	1.32	
Toluene*	<0.050	0.050	08/19/2020	ND	1.90	94.8	2.00	2.31	
<b>Ethylbenzene*</b>	<b>0.178</b>	0.050	08/19/2020	ND	1.86	92.9	2.00	2.88	
<b>Total Xylenes*</b>	<b>0.958</b>	0.150	08/19/2020	ND	5.72	95.4	6.00	2.56	
<b>Total BTEX</b>	<b>1.14</b>	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 154 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>9400</b>	16.0	08/20/2020	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>53.4</b>	10.0	08/19/2020	ND	190	95.2	200	1.87	
<b>DRO &gt;C10-C28*</b>	<b>2930</b>	10.0	08/19/2020	ND	183	91.6	200	2.99	
<b>EXT DRO &gt;C28-C36</b>	<b>1150</b>	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 91.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 237 % 42.2-156

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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/12/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 2 @ 1' (H002151-09)**

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	08/19/2020	ND	1.85	92.4	2.00	1.32		
Toluene*	<0.050	0.050	08/19/2020	ND	1.90	94.8	2.00	2.31		
Ethylbenzene*	<0.050	0.050	08/19/2020	ND	1.86	92.9	2.00	2.88		
Total Xylenes*	<0.150	0.150	08/19/2020	ND	5.72	95.4	6.00	2.56		
Total BTEX	<0.300	0.300	08/19/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 73.3-129

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>2040</b>	16.0	08/20/2020	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	08/20/2020	ND	190	95.2	200	1.87		
<b>DRO &gt;C10-C28*</b>	<b>49.2</b>	10.0	08/20/2020	ND	183	91.6	200	2.99		
<b>EXT DRO &gt;C28-C36</b>	<b>24.8</b>	10.0	08/20/2020	ND						

Surrogate: 1-Chlorooctane 93.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/12/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 2 @ 2' (H002151-10)**

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>304</b>	16.0	08/20/2020	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:	08/18/2020	Sampling Date:	08/12/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 3 @ SURFACE (H002151-11)**

BTEX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	08/19/2020	ND	1.85	92.4	2.00	1.32	
<b>Toluene*</b>	<b>0.358</b>	0.200	08/19/2020	ND	1.90	94.8	2.00	2.31	
<b>Ethylbenzene*</b>	<b>1.18</b>	0.200	08/19/2020	ND	1.86	92.9	2.00	2.88	
<b>Total Xylenes*</b>	<b>5.81</b>	0.600	08/19/2020	ND	5.72	95.4	6.00	2.56	
<b>Total BTEX</b>	<b>7.35</b>	1.20	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 156 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1390</b>	16.0	08/20/2020	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>301</b>	100	08/20/2020	ND	190	95.2	200	1.87	
<b>DRO &gt;C10-C28*</b>	<b>13600</b>	100	08/20/2020	ND	183	91.6	200	2.99	
<b>EXT DRO &gt;C28-C36</b>	<b>3670</b>	100	08/20/2020	ND					

Surrogate: 1-Chlorooctane 134 % 44.3-144

Surrogate: 1-Chlorooctadecane 689 % 42.2-156

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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/12/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 3 @ 1' (H002151-12)**

BTEX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2020	ND	1.85	92.4	2.00	1.32	
<b>Toluene*</b>	<b>0.084</b>	0.050	08/20/2020	ND	1.90	94.8	2.00	2.31	
<b>Ethylbenzene*</b>	<b>0.605</b>	0.050	08/20/2020	ND	1.86	92.9	2.00	2.88	
<b>Total Xylenes*</b>	<b>3.58</b>	0.150	08/20/2020	ND	5.72	95.4	6.00	2.56	
<b>Total BTEX</b>	<b>4.27</b>	0.300	08/20/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 267 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3360</b>	16.0	08/20/2020	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>406</b>	10.0	08/19/2020	ND	190	95.2	200	1.87	
<b>DRO &gt;C10-C28*</b>	<b>9610</b>	10.0	08/19/2020	ND	183	91.6	200	2.99	
<b>EXT DRO &gt;C28-C36</b>	<b>1550</b>	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 250 % 44.3-144

Surrogate: 1-Chlorooctadecane 389 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/12/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 3 @ 2' (H002151-13)**

BTEX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	08/20/2020	ND	1.85	92.4	2.00	1.32	
<b>Toluene*</b>	<b>0.331</b>	0.200	08/20/2020	ND	1.90	94.8	2.00	2.31	
<b>Ethylbenzene*</b>	<b>1.61</b>	0.200	08/20/2020	ND	1.86	92.9	2.00	2.88	
<b>Total Xylenes*</b>	<b>8.05</b>	0.600	08/20/2020	ND	5.72	95.4	6.00	2.56	
<b>Total BTEX</b>	<b>9.99</b>	1.20	08/20/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 134 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2200</b>	16.0	08/20/2020	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>668</b>	10.0	08/19/2020	ND	190	95.2	200	1.87	
<b>DRO &gt;C10-C28*</b>	<b>10600</b>	10.0	08/19/2020	ND	183	91.6	200	2.99	
<b>EXT DRO &gt;C28-C36</b>	<b>1580</b>	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 301 % 44.3-144

Surrogate: 1-Chlorooctadecane 420 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/12/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 3 @ 3' (H002151-14)**

BTEX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2020	ND	1.85	92.4	2.00	1.32	
Toluene*	<0.050	0.050	08/19/2020	ND	1.90	94.8	2.00	2.31	
Ethylbenzene*	<0.050	0.050	08/19/2020	ND	1.86	92.9	2.00	2.88	
<b>Total Xylenes*</b>	<b>0.466</b>	0.150	08/19/2020	ND	5.72	95.4	6.00	2.56	
<b>Total BTEX</b>	<b>0.466</b>	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 142 % 73.3-129

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>8660</b>	16.0	08/20/2020	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
<b>GRO C6-C10*</b>	<b>60.3</b>	10.0	08/19/2020	ND	190	95.2	200	1.87	
<b>DRO &gt;C10-C28*</b>	<b>1880</b>	10.0	08/19/2020	ND	183	91.6	200	2.99	
<b>EXT DRO &gt;C28-C36</b>	<b>398</b>	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 93.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 144 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/12/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 3 @ 4' (H002151-15)**

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	08/19/2020	ND	1.85	92.4	2.00	1.32		
Toluene*	<0.050	0.050	08/19/2020	ND	1.90	94.8	2.00	2.31		
Ethylbenzene*	<0.050	0.050	08/19/2020	ND	1.86	92.9	2.00	2.88		
Total Xylenes*	<0.150	0.150	08/19/2020	ND	5.72	95.4	6.00	2.56		
Total BTEX	<0.300	0.300	08/19/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8260	16.0	08/20/2020	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*	11.3	10.0	08/19/2020	ND	181	90.5	200	2.34		
DRO >C10-C28*	989	10.0	08/19/2020	ND	187	93.6	200	1.93	QM-07	
EXT DRO >C28-C36	227	10.0	08/19/2020	ND						

Surrogate: 1-Chlorooctane 88.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 118 % 42.2-156

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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:	08/18/2020	Sampling Date:	08/12/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 3 @ 5' (H002151-16)**

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	08/19/2020	ND	1.85	92.4	2.00	1.32	
Toluene*	<0.050	0.050	08/19/2020	ND	1.90	94.8	2.00	2.31	
Ethylbenzene*	<0.050	0.050	08/19/2020	ND	1.86	92.9	2.00	2.88	
Total Xylenes*	<0.150	0.150	08/19/2020	ND	5.72	95.4	6.00	2.56	
Total BTEX	<0.300	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.3-129

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>12000</b>	16.0	08/20/2020	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	08/19/2020	ND	181	90.5	200	2.34	
<b>DRO &gt;C10-C28*</b>	<b>706</b>	10.0	08/19/2020	ND	187	93.6	200	1.93	
<b>EXT DRO &gt;C28-C36</b>	<b>189</b>	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 85.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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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:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 3 @ 6' (H002151-17)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	08/20/2020	ND	432	108	400	3.77	

**Sample ID: SP 3 @ 7' (H002151-18)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/20/2020	ND	432	108	400	3.77	

**Sample ID: SP 3 @ 8' (H002151-19)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/20/2020	ND	432	108	400	3.77	

**Sample ID: SP 3 @ 9' (H002151-20)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/20/2020	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:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 4 @ SURFACE (H002151-21)**

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	08/19/2020	ND	1.85	92.4	2.00	1.32	
Toluene*	<0.050	0.050	08/19/2020	ND	1.90	94.8	2.00	2.31	
<b>Ethylbenzene*</b>	<b>0.052</b>	0.050	08/19/2020	ND	1.86	92.9	2.00	2.88	
<b>Total Xylenes*</b>	<b>0.219</b>	0.150	08/19/2020	ND	5.72	95.4	6.00	2.56	
Total BTEX	<0.300	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 73.3-129

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>1260</b>	16.0	08/20/2020	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2020	ND	181	90.5	200	2.34	
<b>DRO &gt;C10-C28*</b>	<b>105</b>	10.0	08/19/2020	ND	187	93.6	200	1.93	
<b>EXT DRO &gt;C28-C36</b>	<b>48.0</b>	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 65.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 4 @ 1' (H002151-22)**

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	08/19/2020	ND	1.85	92.4	2.00	1.32	
Toluene*	<0.050	0.050	08/19/2020	ND	1.90	94.8	2.00	2.31	
Ethylbenzene*	<0.050	0.050	08/19/2020	ND	1.86	92.9	2.00	2.88	
Total Xylenes*	<0.150	0.150	08/19/2020	ND	5.72	95.4	6.00	2.56	
Total BTEX	<0.300	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/20/2020	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2020	ND	181	90.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	08/19/2020	ND	187	93.6	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 82.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 4 @ 2' (H002151-23)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/20/2020	ND	416	104	400	3.77	

**Sample ID: SP 4 @ 3' (H002151-24)**

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	08/20/2020	ND	416	104	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:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 5 @ SURFACE (H002151-25)**

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	08/19/2020	ND	1.85	92.4	2.00	1.32	
<b>Toluene*</b>	<b>0.087</b>	0.050	08/19/2020	ND	1.90	94.8	2.00	2.31	
<b>Ethylbenzene*</b>	<b>0.172</b>	0.050	08/19/2020	ND	1.86	92.9	2.00	2.88	
<b>Total Xylenes*</b>	<b>0.676</b>	0.150	08/19/2020	ND	5.72	95.4	6.00	2.56	
<b>Total BTEX</b>	<b>0.935</b>	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 73.3-129

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>5440</b>	16.0	08/20/2020	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	08/19/2020	ND	181	90.5	200	2.34		
<b>DRO &gt;C10-C28*</b>	<b>10600</b>	50.0	08/19/2020	ND	187	93.6	200	1.93		
<b>EXT DRO &gt;C28-C36</b>	<b>3330</b>	50.0	08/19/2020	ND						

Surrogate: 1-Chlorooctane 91.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 563 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 5 @ 1' (H002151-26)**

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	08/19/2020	ND	1.85	92.4	2.00	1.32	
Toluene*	<0.050	0.050	08/19/2020	ND	1.90	94.8	2.00	2.31	
Ethylbenzene*	<0.050	0.050	08/19/2020	ND	1.86	92.9	2.00	2.88	
Total Xylenes*	<0.150	0.150	08/19/2020	ND	5.72	95.4	6.00	2.56	
Total BTEX	<0.300	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 73.3-129

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	08/20/2020	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2020	ND	181	90.5	200	2.34	
<b>DRO &gt;C10-C28*</b>	<b>361</b>	10.0	08/19/2020	ND	187	93.6	200	1.93	
<b>EXT DRO &gt;C28-C36</b>	<b>95.7</b>	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 86.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 5 @ 2' (H002151-27)**

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	08/19/2020	ND	1.85	92.4	2.00	1.32	
Toluene*	<0.050	0.050	08/19/2020	ND	1.90	94.8	2.00	2.31	
Ethylbenzene*	<0.050	0.050	08/19/2020	ND	1.86	92.9	2.00	2.88	
Total Xylenes*	<0.150	0.150	08/19/2020	ND	5.72	95.4	6.00	2.56	
Total BTEX	<0.300	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 73.3-129

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	08/20/2020	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2020	ND	181	90.5	200	2.34	
<b>DRO &gt;C10-C28*</b>	<b>64.5</b>	10.0	08/19/2020	ND	187	93.6	200	1.93	
<b>EXT DRO &gt;C28-C36</b>	<b>23.7</b>	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 79.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.7 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 5 @ 3' (H002151-28)**

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>16.0</b>	16.0	08/20/2020	ND	416	104	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 6 @ SURFACE (H002151-29)**

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	08/19/2020	ND	1.85	92.4	2.00	1.32	
Toluene*	<0.050	0.050	08/19/2020	ND	1.90	94.8	2.00	2.31	
<b>Ethylbenzene*</b>	<b>0.144</b>	0.050	08/19/2020	ND	1.86	92.9	2.00	2.88	
<b>Total Xylenes*</b>	<b>0.552</b>	0.150	08/19/2020	ND	5.72	95.4	6.00	2.56	
<b>Total BTEX</b>	<b>0.695</b>	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 73.3-129

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>112</b>	16.0	08/20/2020	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>14.3</b>	10.0	08/19/2020	ND	181	90.5	200	2.34	
<b>DRO &gt;C10-C28*</b>	<b>1010</b>	10.0	08/19/2020	ND	187	93.6	200	1.93	
<b>EXT DRO &gt;C28-C36</b>	<b>381</b>	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 89.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 124 % 42.2-156

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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:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 6 @ 1' (H002151-30)**

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	08/19/2020	ND	1.85	92.4	2.00	1.32	
Toluene*	<0.050	0.050	08/19/2020	ND	1.90	94.8	2.00	2.31	
Ethylbenzene*	<0.050	0.050	08/19/2020	ND	1.86	92.9	2.00	2.88	
Total Xylenes*	<0.150	0.150	08/19/2020	ND	5.72	95.4	6.00	2.56	
Total BTEX	<0.300	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 73.3-129

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	08/20/2020	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2020	ND	181	90.5	200	2.34	
<b>DRO &gt;C10-C28*</b>	<b>40.3</b>	10.0	08/19/2020	ND	187	93.6	200	1.93	
<b>EXT DRO &gt;C28-C36</b>	<b>29.6</b>	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 85.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.9 % 42.2-156

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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:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 6 @ 2' (H002151-31)**

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	08/20/2020	ND	416	104	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:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 7 @ SURFACE (H002151-32)**

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	08/19/2020	ND	1.85	92.4	2.00	1.32	
Toluene*	<0.050	0.050	08/19/2020	ND	1.90	94.8	2.00	2.31	
<b>Ethylbenzene*</b>	<b>0.075</b>	0.050	08/19/2020	ND	1.86	92.9	2.00	2.88	
<b>Total Xylenes*</b>	<b>0.234</b>	0.150	08/19/2020	ND	5.72	95.4	6.00	2.56	
<b>Total BTEX</b>	<b>0.309</b>	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

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>1760</b>	16.0	08/20/2020	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2020	ND	181	90.5	200	2.34	
<b>DRO &gt;C10-C28*</b>	<b>21.0</b>	10.0	08/19/2020	ND	187	93.6	200	1.93	
<b>EXT DRO &gt;C28-C36</b>	<b>12.1</b>	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 82.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.6 % 42.2-156

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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:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 7 @ 1' (H002151-33)**

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	08/19/2020	ND	1.85	92.4	2.00	1.32	
Toluene*	<0.050	0.050	08/19/2020	ND	1.90	94.8	2.00	2.31	
Ethylbenzene*	<0.050	0.050	08/19/2020	ND	1.86	92.9	2.00	2.88	
Total Xylenes*	<0.150	0.150	08/19/2020	ND	5.72	95.4	6.00	2.56	
Total BTEX	<0.300	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	08/20/2020	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2020	ND	181	90.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	08/19/2020	ND	187	93.6	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 85.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.1 % 42.2-156

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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:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 7 @ 2' (H002151-34)**

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	08/19/2020	ND	1.85	92.4	2.00	1.32	
Toluene*	<0.050	0.050	08/19/2020	ND	1.90	94.8	2.00	2.31	
Ethylbenzene*	<0.050	0.050	08/19/2020	ND	1.86	92.9	2.00	2.88	
Total Xylenes*	<0.150	0.150	08/19/2020	ND	5.72	95.4	6.00	2.56	
Total BTEX	<0.300	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 73.3-129

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	08/20/2020	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2020	ND	181	90.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	08/19/2020	ND	187	93.6	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 83.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 7 @ 3' (H002151-35)**

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>80.0</b>	16.0	08/20/2020	ND	416	104	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 8 @ SURFACE (H002151-36)**

BTEX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2020	ND	1.85	92.4	2.00	1.32	
<b>Toluene*</b>	<b>0.058</b>	0.050	08/19/2020	ND	1.90	94.8	2.00	2.31	
<b>Ethylbenzene*</b>	<b>0.201</b>	0.050	08/19/2020	ND	1.86	92.9	2.00	2.88	
<b>Total Xylenes*</b>	<b>0.941</b>	0.150	08/19/2020	ND	5.72	95.4	6.00	2.56	
<b>Total BTEX</b>	<b>1.20</b>	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 138 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1070</b>	16.0	08/20/2020	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<100	100	08/19/2020	ND	181	90.5	200	2.34	
<b>DRO &gt;C10-C28*</b>	<b>10400</b>	100	08/19/2020	ND	187	93.6	200	1.93	
<b>EXT DRO &gt;C28-C36</b>	<b>3980</b>	100	08/19/2020	ND					

Surrogate: 1-Chlorooctane 99.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 489 % 42.2-156

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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:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 8 @ 1' (H002151-37)**

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	08/19/2020	ND	1.85	92.4	2.00	1.32	
Toluene*	<0.050	0.050	08/19/2020	ND	1.90	94.8	2.00	2.31	
Ethylbenzene*	<0.050	0.050	08/19/2020	ND	1.86	92.9	2.00	2.88	
Total Xylenes*	<0.150	0.150	08/19/2020	ND	5.72	95.4	6.00	2.56	
Total BTEX	<0.300	0.300	08/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 73.3-129

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>496</b>	16.0	08/20/2020	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2020	ND	181	90.5	200	2.34	
<b>DRO &gt;C10-C28*</b>	<b>122</b>	10.0	08/19/2020	ND	187	93.6	200	1.93	
<b>EXT DRO &gt;C28-C36</b>	<b>32.5</b>	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 91.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 111 % 42.2-156

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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:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 8 @ 2' (H002151-38)**

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	08/20/2020	ND	1.92	96.2	2.00	8.22	
Toluene*	<0.050	0.050	08/20/2020	ND	1.94	97.1	2.00	7.39	
Ethylbenzene*	<0.050	0.050	08/20/2020	ND	1.93	96.7	2.00	6.82	
Total Xylenes*	<0.150	0.150	08/20/2020	ND	5.92	98.6	6.00	6.82	
Total BTEX	<0.300	0.300	08/20/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/20/2020	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2020	ND	181	90.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	08/19/2020	ND	187	93.6	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 89.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 8 @ 3' (H002151-39)**

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>64.0</b>	16.0	08/20/2020	ND	416	104	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:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 9 @ SURFACE (H002151-40)**

BTEX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2020	ND	1.92	96.2	2.00	8.22	
Toluene*	<0.050	0.050	08/20/2020	ND	1.94	97.1	2.00	7.39	
<b>Ethylbenzene*</b>	<b>0.068</b>	0.050	08/20/2020	ND	1.93	96.7	2.00	6.82	
<b>Total Xylenes*</b>	<b>0.278</b>	0.150	08/20/2020	ND	5.92	98.6	6.00	6.82	
<b>Total BTEX</b>	<b>0.346</b>	0.300	08/20/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 133 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2920</b>	16.0	08/20/2020	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	08/19/2020	ND	181	90.5	200	2.34	
<b>DRO &gt;C10-C28*</b>	<b>6970</b>	50.0	08/19/2020	ND	187	93.6	200	1.93	
<b>EXT DRO &gt;C28-C36</b>	<b>2550</b>	50.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 97.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 393 % 42.2-156

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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 9 @ 1' (H002151-41)**

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	08/20/2020	ND	1.92	96.2	2.00	8.22	
Toluene*	<0.050	0.050	08/20/2020	ND	1.94	97.1	2.00	7.39	
Ethylbenzene*	<0.050	0.050	08/20/2020	ND	1.93	96.7	2.00	6.82	
Total Xylenes*	<0.150	0.150	08/20/2020	ND	5.92	98.6	6.00	6.82	
Total BTEX	<0.300	0.300	08/20/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

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	08/20/2020	ND	400	100	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	08/19/2020	ND	181	90.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	08/19/2020	ND	187	93.6	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 93.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 42.2-156

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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 9 @ 2' (H002151-42)**

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	08/20/2020	ND	400	100	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:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 10 @ SURFACE (H002151-43)**

BTEX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2020	ND	1.92	96.2	2.00	8.22	
Toluene*	<0.050	0.050	08/20/2020	ND	1.94	97.1	2.00	7.39	
<b>Ethylbenzene*</b>	<b>0.130</b>	0.050	08/20/2020	ND	1.93	96.7	2.00	6.82	
<b>Total Xylenes*</b>	<b>0.333</b>	0.150	08/20/2020	ND	5.92	98.6	6.00	6.82	
<b>Total BTEX</b>	<b>0.464</b>	0.300	08/20/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 135 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>5120</b>	16.0	08/20/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	08/19/2020	ND	181	90.5	200	2.34	
<b>DRO &gt;C10-C28*</b>	<b>10600</b>	50.0	08/19/2020	ND	187	93.6	200	1.93	
<b>EXT DRO &gt;C28-C36</b>	<b>3270</b>	50.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 95.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 604 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 10 @ 1' (H002151-44)**

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	08/20/2020	ND	1.92	96.2	2.00	8.22	
Toluene*	<0.050	0.050	08/20/2020	ND	1.94	97.1	2.00	7.39	
Ethylbenzene*	<0.050	0.050	08/20/2020	ND	1.93	96.7	2.00	6.82	
Total Xylenes*	<0.150	0.150	08/20/2020	ND	5.92	98.6	6.00	6.82	
Total BTEX	<0.300	0.300	08/20/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

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>80.0</b>	16.0	08/20/2020	ND	400	100	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	08/19/2020	ND	181	90.5	200	2.34	
<b>DRO &gt;C10-C28*</b>	<b>72.0</b>	10.0	08/19/2020	ND	187	93.6	200	1.93	
<b>EXT DRO &gt;C28-C36</b>	<b>17.3</b>	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 10 @ 2' (H002151-45)**

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	08/20/2020	ND	1.92	96.2	2.00	8.22	
Toluene*	<0.050	0.050	08/20/2020	ND	1.94	97.1	2.00	7.39	
Ethylbenzene*	<0.050	0.050	08/20/2020	ND	1.93	96.7	2.00	6.82	
Total Xylenes*	<0.150	0.150	08/20/2020	ND	5.92	98.6	6.00	6.82	
Total BTEX	<0.300	0.300	08/20/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/20/2020	ND	400	100	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	08/19/2020	ND	181	90.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	08/19/2020	ND	187	93.6	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	08/19/2020	ND					

Surrogate: 1-Chlorooctane 90.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	08/18/2020	Sampling Date:	08/13/2020
Reported:	08/24/2020	Sampling Type:	Soil
Project Name:	PRIZE FED #7	Sampling Condition:	Cool & Intact
Project Number:	( 6-13-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: SP 10 @ 3' (H002151-46)**

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>144</b>	16.0	08/20/2020	ND	400	100	400	0.00	

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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager











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**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 17430

**CONDITIONS OF APPROVAL**

Operator:	OXY USA INC	P.O. Box 4294	Houston, TX772104294	OGRID:	16696	Action Number:	17430	Action Type:	C-141
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OCD Reviewer	Condition
chensley	When nearby wells are used to determine depth to groundwater, the wells should be no further than 1/2 mile away from the site, and data should be no more than 25 years old, and well construction information should be provided. If evidence of depth to ground water within a 1/2 mile radius of the site cannot be provided, impacted soils will need to meet Table 1 Closure Criteria for ground water at a depth of 50 feet or less.
chensley	Samples are representative of more than 200 square feet. Please collect more samples, representing no more than 200 square feet, unless OXY chooses to provide a sampling plan for approval prior to conduction additional sampling.