



PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805
E-MAIL: cbrunson@bbcinternational.com

DELINEATION/REMEDATION WORKPLAN

OXY – CEDAR CANYON RECYCLED WATER POND (Leak Date: 5/7/21)

Incident ID: NAPP2113056455

This delineation workplan and remediation proposal addresses the releases associated with Incident ID #NAPP2113056455.

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 SP8 (ORANGE shade on diagram) will be excavated to a depth of 1 foot. The leak area near SP2, SP7, and SP9 (PINK shade on diagram) will be excavated to a depth of 3 feet. The leak area near SP3 (GREEN shade on diagram) will require zero remediation. The leak area near SP5 (YELLOW shade on diagram) will be excavated to a depth of 4 feet.

OXY will collect bottom and sidewall confirmation samples every 200 square feet. The estimated amount of soil to be excavated is 1,014 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 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	NAPP2113056455
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?	6 (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 not 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 ½-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.

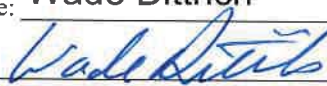
Form C-141

State of New Mexico
Oil Conservation Division

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Incident ID	NAPP2113056455
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: 6-16-21
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

Form C-141

State of New Mexico
Oil Conservation Division

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Incident ID	NAPP2113056455
District RP	
Facility ID	
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: 6-16-21
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Oxy Cedar Canyon Recycled Water Pond

Leak Date: 5/7/21
Incident ID: nAPP2113056455
Eddy County, NM

Legend

1' Excavation

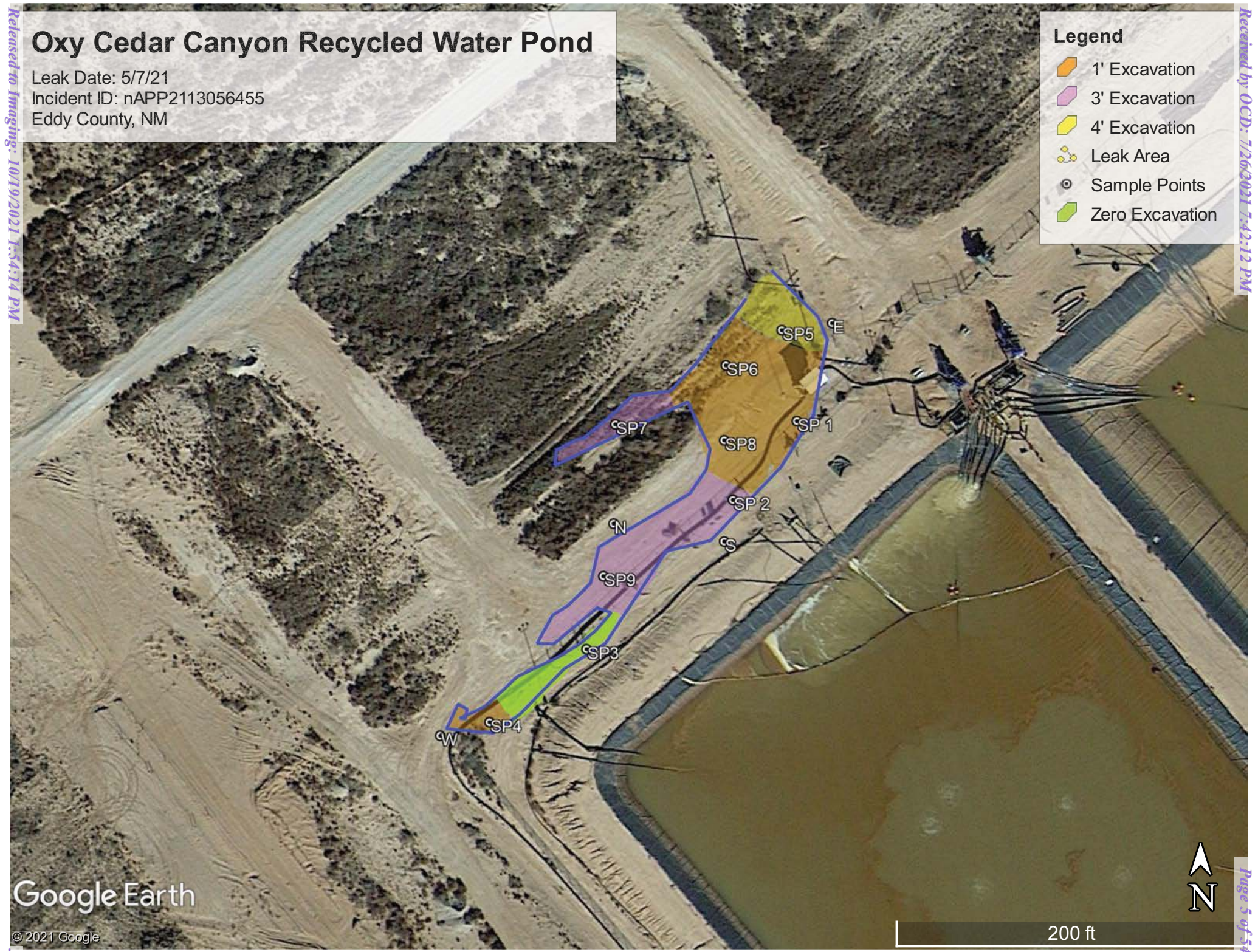
3' Excavation

4' Excavation

Leak Area

Sample Points

Zero Excavation



SAMPLE POINTS

SP S	N 32.228875°	W-103.979356°
SP E	N 32.229216°	W-103.979157°
SP N	N 32.228903°	W-103.979560°
SP W	N 32.228572°	W-103.979880°
SP 1	N 32.229063°	W-103.979222°
SP 2	N 32.228940°	W-103.979340°
SP 3	N 32.228707°	W-103.979610°
SP 4	N 32.228593°	W-103.979789°
SP 5	N 32.229205°	W-103.979250°
SP 6	N 32.229150°	W-103.979353°
SP 7	N 32.229058°	W-103.979557°
SP 8	N 32.229033°	W-103.979356°
SP 9	N 32.228821°	W-103.979579°



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National Water Information System: Web Interface


USGS Water Resources

Data Category:
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Geographic Area:
New Mexico

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Groundwater levels for New Mexico

Click to hide state-specific text

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 321057104001801

Minimum number of levels = 1

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

USGS 321057104001801 24S.29E.29.433

Eddy County, New Mexico
Latitude 32°10'57", Longitude 104°00'18" NAD27
Land-surface elevation 2,962 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

- [Table of data](#)
- [Tab-separated data](#)
- [Graph of data](#)
- [Reselect period](#)

Date	Time	² Water-level date-time accuracy	² Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	² Status	² Method of measurement	² Measuring agency	² Source of measurement	² Water-level approval status
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
1975-07-15			D	62610	2955.56	NGVD29	1	O	USGS	S	A
1975-07-15			D	62611	2957.11	NAVD88	1	O	USGS	S	A
1975-07-15			D	72019	6.44		1	O	USGS	S	A

Explanation		
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	O	Observed.
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	S	Measured by personnel of reporting agency.
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?>

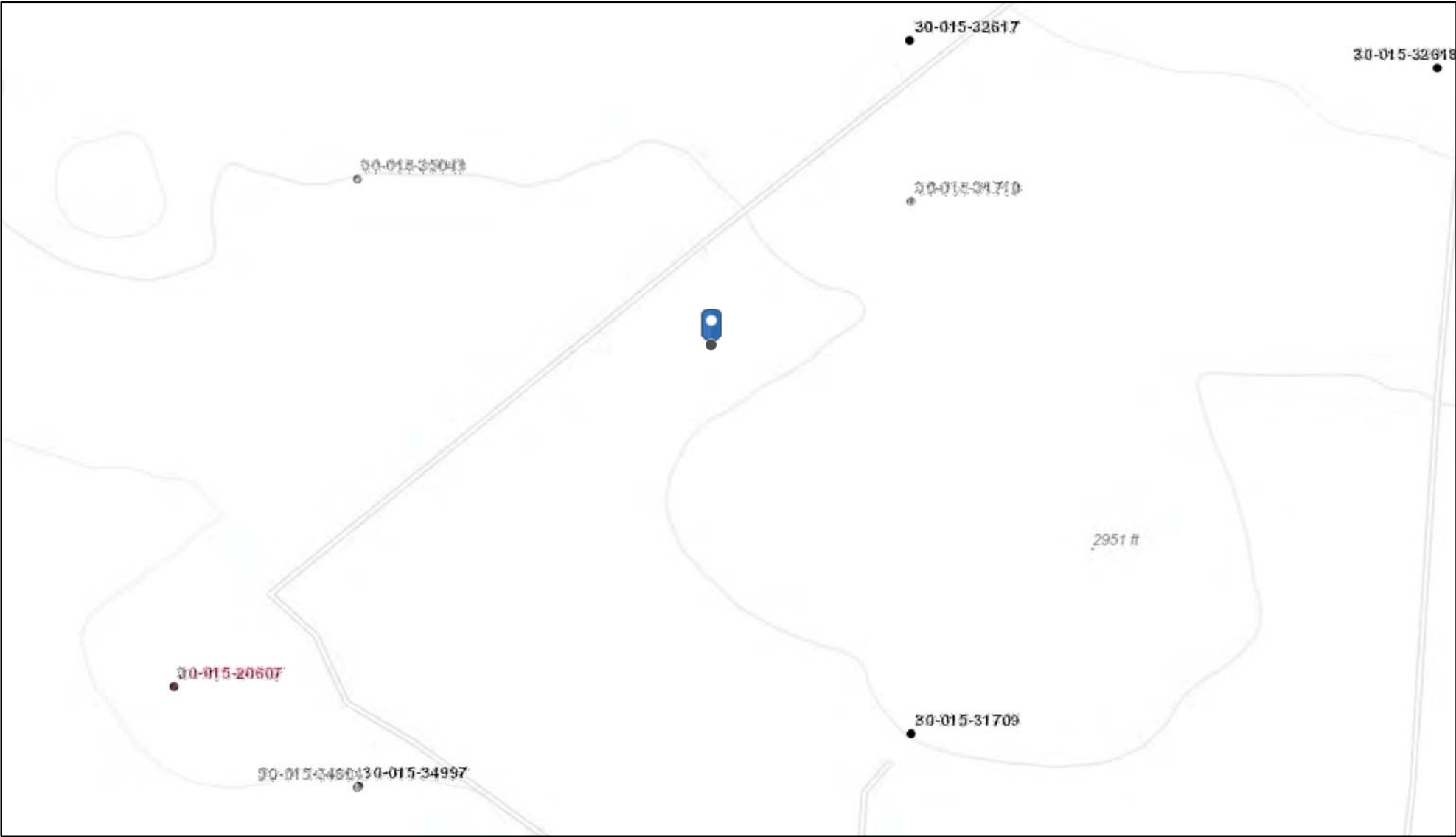
Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2021-05-10 12:11:41 EDT

0.36 0.32 nadww01

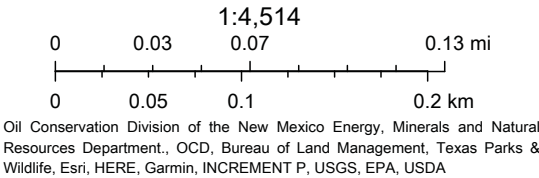


OXY, CEDAR CANYON RECYCLED WATER POND(5/8/21)3000 ft' h2O



5/10/2021, 10:45:59 AM

- | | | | | |
|---------------------|------------------|------------------------------|------------------------------|------------------------|
| 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 |





Oxy Cedar Canyon Recycle Water Ponds

Leak Date : 5-8-21

BLM CAVE KARST MAP

Legend

-  Leak Area
-  Medium



National Flood Hazard Layer FIRMette



103°59'4"W 32°14'1"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		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 Zone
		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
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		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
	MAP PANELS	
		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 **5/10/2021 at 11:22 AM** 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.

Released to Imaging: 10/19/2021 1:54:14 PM

Received by OCD: 7/26/2021 7:42:12 PM

Laboratory Analytical Results Summary
Oxy, Cedar Canyon Waterponds (5-7-21)

		Sample ID	SP N @ SURFACE	SP E @ SURFACE	SP W @ SURFACE	SP S @ SURFACE
Analyte	Method	Date	6/1/21	6/1/21	6/1/21	6/1/21
			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		<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample ID	SP 1 @ SURFACE	SP 1 @ 1'	SP 1 @ 2'	SP 1 @ 3'	SP 1 @ 4'
Analyte	Method	Date	6/1/21	6/1/21	6/1/21	6/1/21	6/1/21
			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		8800.0	752.0	448	32	<16.0
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A

		Sample ID	SP 2 @ SURFACE	SP 2 @ 1'	SP 2 @ 2'	SP 2 @ 3'	SP 2 @ 4'
Analyte	Method	Date	6/1/21	6/1/21	6/1/21	6/1/21	6/1/21
			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		1040.0	752.0	624	16	<16.0
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A

		Sample ID	SP 3 @ SURFACE	SP 3 @ 1'	SP 3 @ 2'
Analyte	Method	Date	6/1/21	6/1/21	6/1/21
			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		448.0	96.0	96
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

Laboratory Analytical Results Summary
Oxy, Cedar Canyon Waterponds (5-7-21)

		Sample ID	SP 4@ SURFACE	SP 4@ 1'	SP 4@ 2'	SP 4@ 3'
Analyte	Method	Date	6/1/21	6/1/21	6/1/21	6/1/21
			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		8130.0	432.0	208	16
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A	N/A

		Sample ID	SP 5@ SURFACE	SP 5@ 1'	SP 5@ 2'	SP 5@ 3'	SP 5@ 4'	SP 5@ 4'	SP 5@ 6'
Analyte	Method	Date	6/1/21	6/1/21	6/1/21	6/2/21	6/2/21	6/2/21	6/2/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A	N/A	N/A	N/A	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A	N/A	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A	N/A	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A	N/A	N/A	N/A
Chloride	SM4500Cl-B		17800.0	3160.0	2680	720	304	32	16
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A	N/A	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A	N/A	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A	N/A	N/A

		Sample ID	SP 6@ SURFACE	SP 6@ 1'	SP 6@ 2'	SP 6@ 3'	SP 6@ 4'
Analyte	Method	Date	6/2/21	6/2/21	6/2/21	6/2/21	6/2/21
			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		2720.0	352.0	352	16	<16.0
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A

		Sample ID	SP 7@ SURFACE	SP 7@ 1'	SP 7@ 2'	SP 7@ 3'	SP 7@ 4'	SP 7@ 5'
Analyte	Method	Date	6/2/21	6/2/21	6/2/21	6/2/21	6/2/21	6/2/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A	N/A	N/A	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A	N/A	N/A
Chloride	SM4500Cl-B		52000.0	2080.0	960	320	32	<16.0
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A	N/A

>

Laboratory Analytical Results Summary
Oxy, Cedar Canyon Waterponds (5-7-21)

		Sample ID	SP 8@ SURFACE	SP 8@ 1'	SP 8@ 2'
Analyte	Method	Date	6/2/21	6/2/21	6/2/21
			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		7060.0	240.0	32
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A

		Sample ID	SP 9@ SURFACE	SP 9@ 1'	SP 9@ 2'	SP 9@ 3'	SP 9@ 4'
Analyte	Method	Date	6/2/21	6/2/21	6/2/21	6/2/21	6/2/21
			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		6260.0	1600.0	1220	112	16
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A



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

June 08, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RECYCLED WATER PONDS CEDAR CANYON

Enclosed are the results of analyses for samples received by the laboratory on 06/03/21 16:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' at the beginning.

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:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP N @ SURFACE (H211428-01)

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	06/04/2021	ND	1.99	99.7	2.00	1.74	
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175	
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448	
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931	
Total BTEX	<0.300	0.300	06/04/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	06/08/2021	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	06/04/2021	ND	215	107	200	2.01	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	224	112	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 95.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP E @ SURFACE (H211428-02)

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	06/04/2021	ND	1.99	99.7	2.00	1.74		
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931		
Total BTEX	<0.300	0.300	06/04/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/08/2021	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	06/04/2021	ND	215	107	200	2.01	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	224	112	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 95.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.9 % 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:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP W @ SURFACE (H211428-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2021	ND	1.99	99.7	2.00	1.74	
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175	
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448	
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931	
Total BTX	<0.300	0.300	06/04/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/08/2021	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	06/04/2021	ND	215	107	200	2.01	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	224	112	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.9 % 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:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP S @ SURFACE (H211428-04)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/04/2021	ND	1.99	99.7	2.00	1.74		
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931		
Total BTX	<0.300	0.300	06/04/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/08/2021	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	06/04/2021	ND	215	107	200	2.01	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	224	112	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 95.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.5 % 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:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 1 @ SURFACE (H211428-05)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/04/2021	ND	1.99	99.7	2.00	1.74		
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931		
Total BTX	<0.300	0.300	06/04/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8800	16.0	06/08/2021	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	06/04/2021	ND	215	107	200	2.01	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	224	112	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 84.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 1 @ 1' (H211428-06)

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	06/04/2021	ND	1.99	99.7	2.00	1.74		
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931		
Total BTEx	<0.300	0.300	06/04/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	752	16.0	06/08/2021	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	06/04/2021	ND	215	107	200	2.01	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	224	112	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 89.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 1 @ 2' (H211428-07)

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	06/08/2021	ND	432	108	400	0.00		

Sample ID: SP 1 @ 3' (H211428-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/08/2021	ND	432	108	400	0.00	

Sample ID: SP 1 @ 4' (H211428-09)

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	06/08/2021	ND	432	108	400	0.00		

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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:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 2 @ SURFACE (H211428-10)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/04/2021	ND	1.99	99.7	2.00	1.74		
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931		
Total BTX	<0.300	0.300	06/04/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	06/08/2021	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	06/04/2021	ND	215	107	200	2.01	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	224	112	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 92.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.1 % 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:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 2 @ 1' (H211428-11)

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	06/04/2021	ND	1.99	99.7	2.00	1.74		
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931		
Total BTEX	<0.300	0.300	06/04/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	06/08/2021	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	06/04/2021	ND	215	107	200	2.01	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	224	112	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 92.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.0 % 38.9-142

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Analytical Results For:

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

Received:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 2 @ 2' (H211428-12)

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	06/08/2021	ND	432	108	400	0.00		

Sample ID: SP 2 @ 3' (H211428-13)

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	06/08/2021	ND	432	108	400	0.00	

Sample ID: SP 2 @ 4' (H211428-14)

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	06/08/2021	ND	432	108	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:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 3 @ SURFACE (H211428-15)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/04/2021	ND	1.99	99.7	2.00	1.74		
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931		
Total BTX	<0.300	0.300	06/04/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	06/08/2021	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	06/04/2021	ND	215	107	200	2.01	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	224	112	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 96.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.7 % 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:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 3 @ 1' (H211428-16)

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	06/04/2021	ND	1.99	99.7	2.00	1.74		
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931		
Total BTEX	<0.300	0.300	06/04/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/08/2021	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	06/04/2021	ND	215	107	200	2.01	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	224	112	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 92.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.1 % 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:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 3 @ 2' (H211428-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/08/2021	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:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 4 @ SURFACE (H211428-18)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/04/2021	ND	1.99	99.7	2.00	1.74		
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931		
Total BTX	<0.300	0.300	06/04/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8130	16.0	06/08/2021	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	06/04/2021	ND	215	107	200	2.01	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	224	112	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 83.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.7 % 38.9-142

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Analytical Results For:

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

Received:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 4 @ 1' (H211428-19)

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	06/04/2021	ND	1.99	99.7	2.00	1.74		
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931		
Total BTEx	<0.300	0.300	06/04/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	06/08/2021	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	06/04/2021	ND	222	111	200	1.24	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	230	115	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 89.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.5 % 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:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 4 @ 2' (H211428-20)

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	06/08/2021	ND	416	104	400	0.00	

Sample ID: SP 4 @ 3' (H211428-21)

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	06/08/2021	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:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 5 @ SURFACE (H211428-22)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/04/2021	ND	1.99	99.7	2.00	1.74		
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931		
Total BTX	<0.300	0.300	06/04/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	17800	16.0	06/08/2021	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	06/04/2021	ND	222	111	200	1.24	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	230	115	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 82.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.4 % 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:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 5 @ 1' (H211428-23)

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	06/04/2021	ND	1.99	99.7	2.00	1.74		
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931		
Total BTEx	<0.300	0.300	06/04/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	3160	16.0	06/08/2021	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	06/04/2021	ND	222	111	200	1.24	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	230	115	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 89.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.0 % 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:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 5 @ 2' (H211428-24)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	06/08/2021	ND	416	104	400	0.00	

Sample ID: SP 5 @ 3' (H211428-25)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	06/08/2021	ND	416	104	400	0.00	

Sample ID: SP 5 @ 4' (H211428-26)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	06/08/2021	ND	416	104	400	0.00		

Sample ID: SP 5 @ 5' (H211428-27)

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	06/08/2021	ND	416	104	400	0.00	

Sample ID: SP 5 @ 6' (H211428-28)

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	06/08/2021	ND	416	104	400	0.00	

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Analytical Results For:

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

Received:	06/03/2021	Sampling Date:	06/02/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 6 @ SURFACE (H211428-29)

BTX 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/04/2021	ND	1.99	99.7	2.00	1.74		
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931		
Total BTX	<0.300	0.300	06/04/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2720	16.0	06/08/2021	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	06/04/2021	ND	222	111	200	1.24	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	230	115	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.0 % 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:	06/03/2021	Sampling Date:	06/02/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 6 @ 1' (H211428-30)

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	06/04/2021	ND	1.99	99.7	2.00	1.74		
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931		
Total BTEX	<0.300	0.300	06/04/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	06/08/2021	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	06/04/2021	ND	222	111	200	1.24	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	230	115	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 86.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.2 % 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:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 6 @ 2' (H211428-31)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	06/08/2021	ND	416	104	400	0.00	

Sample ID: SP 6 @ 3' (H211428-32)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/08/2021	ND	416	104	400	0.00	

Sample ID: SP 6 @ 4' (H211428-33)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/08/2021	ND	416	104	400	0.00		

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Analytical Results For:

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

Received:	06/03/2021	Sampling Date:	06/01/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 7 @ SURFACE (H211428-34)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/04/2021	ND	1.99	99.7	2.00	1.74		
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931		
Total BTX	<0.300	0.300	06/04/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	52000	16.0	06/08/2021	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	06/04/2021	ND	222	111	200	1.24	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	230	115	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 63.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 64.8 % 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:	06/03/2021	Sampling Date:	06/02/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 7 @ 1' (H211428-35)

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	06/04/2021	ND	1.99	99.7	2.00	1.74		
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931		
Total BTEX	<0.300	0.300	06/04/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2080	16.0	06/08/2021	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	06/04/2021	ND	222	111	200	1.24	
DRO >C10-C28*	<10.0	10.0	06/04/2021	ND	230	115	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	06/04/2021	ND					

Surrogate: 1-Chlorooctane 84.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.4 % 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:	06/03/2021	Sampling Date:	06/02/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 7 @ 2' (H211428-36)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	06/08/2021	ND	400	100	400	0.00	

Sample ID: SP 7 @ 3' (H211428-37)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	06/08/2021	ND	400	100	400	0.00	

Sample ID: SP 7 @ 4' (H211428-38)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/08/2021	ND	400	100	400	0.00	

Sample ID: SP 7 @ 5' (H211428-39)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/08/2021	ND	400	100	400	0.00	

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Analytical Results For:

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

Received:	06/03/2021	Sampling Date:	06/02/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 8 @ SURFACE (H211428-40)

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	06/04/2021	ND	1.99	99.7	2.00	1.74		
Toluene*	<0.050	0.050	06/04/2021	ND	2.12	106	2.00	0.0175		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	2.08	104	2.00	0.448		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	6.27	105	6.00	0.931		
Total BTEX	<0.300	0.300	06/04/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7060	16.0	06/08/2021	ND	400	100	400	0.00		

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Analytical Results For:

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

Received:	06/03/2021	Sampling Date:	06/02/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 8 @ 1' (H211428-41)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/04/2021	ND	1.99	99.4	2.00	5.35		
Toluene*	<0.050	0.050	06/04/2021	ND	1.96	98.2	2.00	4.94		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	1.89	94.6	2.00	5.65		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	5.72	95.3	6.00	4.97		
Total BTX	<0.300	0.300	06/04/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	06/08/2021	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	06/05/2021	ND	222	111	200	1.24	
DRO >C10-C28*	<10.0	10.0	06/05/2021	ND	230	115	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	06/05/2021	ND					

Surrogate: 1-Chlorooctane 87.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.0 % 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:	06/03/2021	Sampling Date:	06/02/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 8 @ 2' (H211428-42)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/08/2021	ND	400	100	400	0.00		

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Analytical Results For:

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

Received:	06/03/2021	Sampling Date:	06/02/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 9 @ SURFACE (H211428-43)

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	06/04/2021	ND	1.99	99.4	2.00	5.35		
Toluene*	<0.050	0.050	06/04/2021	ND	1.96	98.2	2.00	4.94		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	1.89	94.6	2.00	5.65		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	5.72	95.3	6.00	4.97		
Total BTEx	<0.300	0.300	06/04/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6260	16.0	06/08/2021	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	06/05/2021	ND	222	111	200	1.24	
DRO >C10-C28*	<10.0	10.0	06/05/2021	ND	230	115	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	06/05/2021	ND					

Surrogate: 1-Chlorooctane 83.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/03/2021	Sampling Date:	06/02/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 9 @ 1' (H211428-44)

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	06/04/2021	ND	1.99	99.4	2.00	5.35		
Toluene*	<0.050	0.050	06/04/2021	ND	1.96	98.2	2.00	4.94		
Ethylbenzene*	<0.050	0.050	06/04/2021	ND	1.89	94.6	2.00	5.65		
Total Xylenes*	<0.150	0.150	06/04/2021	ND	5.72	95.3	6.00	4.97		
Total BTEX	<0.300	0.300	06/04/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1600	16.0	06/08/2021	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	06/05/2021	ND	222	111	200	1.24	
DRO >C10-C28*	<10.0	10.0	06/05/2021	ND	230	115	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	06/05/2021	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/03/2021	Sampling Date:	06/02/2021
Reported:	06/08/2021	Sampling Type:	Soil
Project Name:	RECYCLED WATER PONDS CEDAR CANY	Sampling Condition:	Cool & Intact
Project Number:	(5 - 7 - 21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 9 @ 2' (H211428-45)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	06/08/2021	ND	400	100	400	0.00	

Sample ID: SP 9 @ 3' (H211428-46)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/08/2021	ND	400	100	400	0.00	

Sample ID: SP 9 @ 4' (H211428-47)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/08/2021	ND	400	100	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: Recycled WaterPonds Cedar Canyon (5/7/12) Project Location:				P.O. #: Company: OXY Attn: WADE Address: City: State: Zip: Phone #: Fax #:			
Sample Name: SIMON RENDON <small>FOR LAB USE ONLY</small>				Matrix: <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER : Preserv: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER :			
Lab I.D. H021428		Sample I.D.		DATE		TIME	
1	SP N @ SURFACE	(G)RAB OR (C)OMP	# CONTAINERS	6-1-21	9:35	CL	
2	SP E @ SURFACE			6-1-21	9:47	BTEX	
3	SP W @ SURFACE			6-1-21	10:07	TPH EXT	
4	SP S @ SURFACE			6-1-21	10:18		
5	SP 1 @ SURFACE			6-1-21	10:38		
6	SP 1 @ 1'			6-1-21	10:52		
7	SP 1 @ 2'			6-1-21	11:14		
8	SP 1 @ 3'			6-1-21	11:33		
9	SP 1 @ 4'			6-1-21	11:47		
10	SP 2 @ SURFACE			6-1-21	12:47		

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Relinquished By: [Signature] Relinquished By: [Signature]	Date: 6-3-21 Time: 8:00 AM Date: 6-3-21 Time: 4:00 PM	Received By: [Signature] Received By: [Signature]	Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: [Signature] (Initials)
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				

REMARKS:
 1,428 #113
 -1,428 #113



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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**CARDINAL LABORATORIES**
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 (505) 393-2326 FAX (505) 393-2476
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: Recycled WaterPonds Cedar Canyon (5/7/21) Project Location: Sampler Name: SIMON RENDON				BILL TO P.O. #: Company: OXY Attn: WADE Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST					
FOR LAB USE ONLY													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING	
				GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE	
				OTHER :		ACID/BASE:		ICE / COOL		OTHER :			
H21438		SP4 @ 3'		G		1		6-1-21		2:40		✓	
21		SP5 @ SURFACE						6-1-21		2:47		✓	
22		SP5 @ 1'						6-1-21		2:55		✓	
23		SP5 @ 2'						6-1-21		3:07		✓	
24		SP5 @ 3'						6-2-21		9:55		✓	
25		SP5 @ 4'						6-2-21		10:12		✓	
26		SP5 @ 5'						6-3-21		10:25		✓	
27		SP5 @ 6'						6-2-21		10:42		✓	
28		SP6 @ SURFACE						6-2-21		10:57		✓	
29		SP6 @ 1'						6-2-21		11:14		✓	
30													

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Relinquished By: *Simon Rendon* Date: 6-3-21 Received By: *Cliff Brunson* Date: 6-3-21
 Relinquished By: *Cliff Brunson* Date: 6-3-21 Received By: *Simon Rendon* Date: 6-3-21
 Delivered By: (Circle One) *UPS* Sample Condition: ☒ Cool ☐ Intact ☐ Yes ☐ No
 Sampler - UPS - Bus - Other: *-1.4c #113* CHECKED BY: *VB* (Initials)

REMARKS:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.										BILL TO										ANALYSIS REQUEST																													
Project Manager: Cliff Brunson										P.O. #:																																							
Address: P.O. Box 805										Company: Oxy																																							
City: Hobbs										Attn: WADE																																							
Phone #: 575-397-6388										Address:																																							
Project #:										City:																																							
Project Name: Recycled WaterPonds Cedar Canyon (5/7/21)										State: Zip:																																							
Project Location:										Phone #:																																							
Sample Name: SIMON RENDON										Fax #:																																							
FOR LAB USE ONLY										MATRIX										PRESERV										SAMPLING																			
Lab I.D.										Sample I.D.																																							
H21/428										SP6 @ 2'										6-1-21 11:23										✓																			
										SP6 @ 3'										6-1-21 11:34										✓																			
										SP6 @ 4'										6-1-21 11:47										✓																			
										SP7 @ SURFACE										6-1-21 12:45										✓																			
										SP7 @ 1'										6-2-21 12:54										✓																			
										SP7 @ 2'										6-2-21 1:08										✓																			
										SP7 @ 3'										6-3-21 1:21										✓																			
										SP7 @ 4'										6-2-21 1:30										✓																			
										SP7 @ 5'										6-2-21 1:42										✓																			
										SP8 @ SURFACE										6-2-21										✓																			
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Relinquished By: [Signature]										Time: 8:00 AM										Date: 6-3-21										Received By: [Signature]										Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>									
Relinquished By: [Signature]										Time: 4:00 PM										Date: 6-3-21										Received By: [Signature]										REMARKS:									
Delivered By: (Circle One)										Sample Condition										Checked By: [Signature]																													
Sampler - UPS - Bus - Other:										Cool <input type="checkbox"/> Intact <input type="checkbox"/>										Yes <input type="checkbox"/> No <input type="checkbox"/>																													

**CARDINAL LABORATORIES**
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 (505) 393-2326 FAX (505) 393-2476
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO										ANALYSIS REQUEST									
Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: Recycled WaterPonds Cedar Canyon (5/7/21) Project Location: Sampler Name: SIMON RENDON										P.O. #: Company: OXY Attn: WADE Address: City: State: Zip: Phone #: Fax #:									
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING		CL		BTX		TPH EXT	
41		SP8 @ 1'		G		1		GROUNDWATER				6-2-21		1:50		✓			
42		SP8 @ 2'						WASTEWATER				6-2-21		2:07		✓			
43		SP9 @ SURFACE						SOIL				6-2-21		2:24		✓			
44		SP9 @ 1'						OIL				6-2-21		2:33		✓			
45		SP9 @ 2'						SLUDGE				6-2-21		2:45		✓			
46		SP9 @ 3'						OTHER :				6-2-21		2:52		✓			
47		SP9 @ 4'						ACID/BASE				6-2-21		3:04		✓			
								ICE / COOL											
								OTHER :											

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Relinquished By: *Simon Rendón* Date: 6-3-21 Received By: *Cliff Brunson* Date: 6-3-21
 Relinquished By: *Cliff Brunson* Date: 6-3-21 Received By: *Simon Rendón* Date: 6-3-21
 Delivered By: (Circle One) *Back Home* Time: 4:00 PM
 Sampler - UPS - Bus - Other: *-1.4c #113*
 Sample Condition: ☒ Yes ☐ No
 Cool: ☒ Yes ☐ No
 Intact: ☒ Yes ☐ No
 CHECKED BY: *YD*

REMARKS:

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

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Form C-141

Page 5

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2113056455
District RP	
Facility ID	
Application ID	

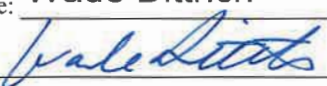
Remediation Plan**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- ☒ 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: 6-16-21
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD OnlyReceived by: Robert Hamlet Date: 10/19/2021

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Robert Hamlet Date: 10/19/2021

District I

1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II

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

District III

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

District IV

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

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

CONDITIONS

Action 38271

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 38271
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is approved with the following conditions: When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ 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 ½ 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. Please collect confirmation samples, representing no more than 200 ft2.	10/19/2021