

# Closure Report

ID # nAPP2126755564

## Site Description

Site Name:	CYPRESS 34 FEDERAL 0007H
Company:	Oxy USA, Inc.
Legal Description:	U/L C , Section 34, T23S, R29E
County:	Eddy County, NM
GPS Coordinates:	N 32.2672272 ,W-103.9744339

## Release Data

Date of Release:	9/19/2021
Type of Release:	Crude Oil /Produced water
Source of Release:	AUTOMATION
Volume of Release:	CRUDE OIL 5 BBLS                      WATER 29 BBLS
Volume Recovered:	CRUDE OIL 0 BBLS                      WATER 0BBLS

## Remediation Specifications

Remediation Parameters:	OXY excavated the spill area as depicted on the following site diagram. The leak area near SP1 and SP5& SP 5 (PINK shade on diagram) Required Zero excavation. The leak area near SP2 ,SP3, & SP4 (LIGHT BLUE shade on diagram) was excavated to a depth of 2 feet. The leak area near SP7 (GREEN shade on diagram) was excavated to a depth of 3 feet. OXY collected bottom and sidewall confirmation samples every 200 square feet.
Remediation Activities:	7/30/24 - 8/15/24

Plan Sent to OCD:		
OCD Approval of Plan:		
Plan Sent to BLM:		
BLM Approval of Plan:		

## Supporting Documentation

C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Remediation photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report for	
Sampling Notification	8/9/2024	

## Request for Closure

Based on the completion of the remediation activities, OXY requests closure approval from NMOCD.







Cliff Brunson, President of BBC International Inc.

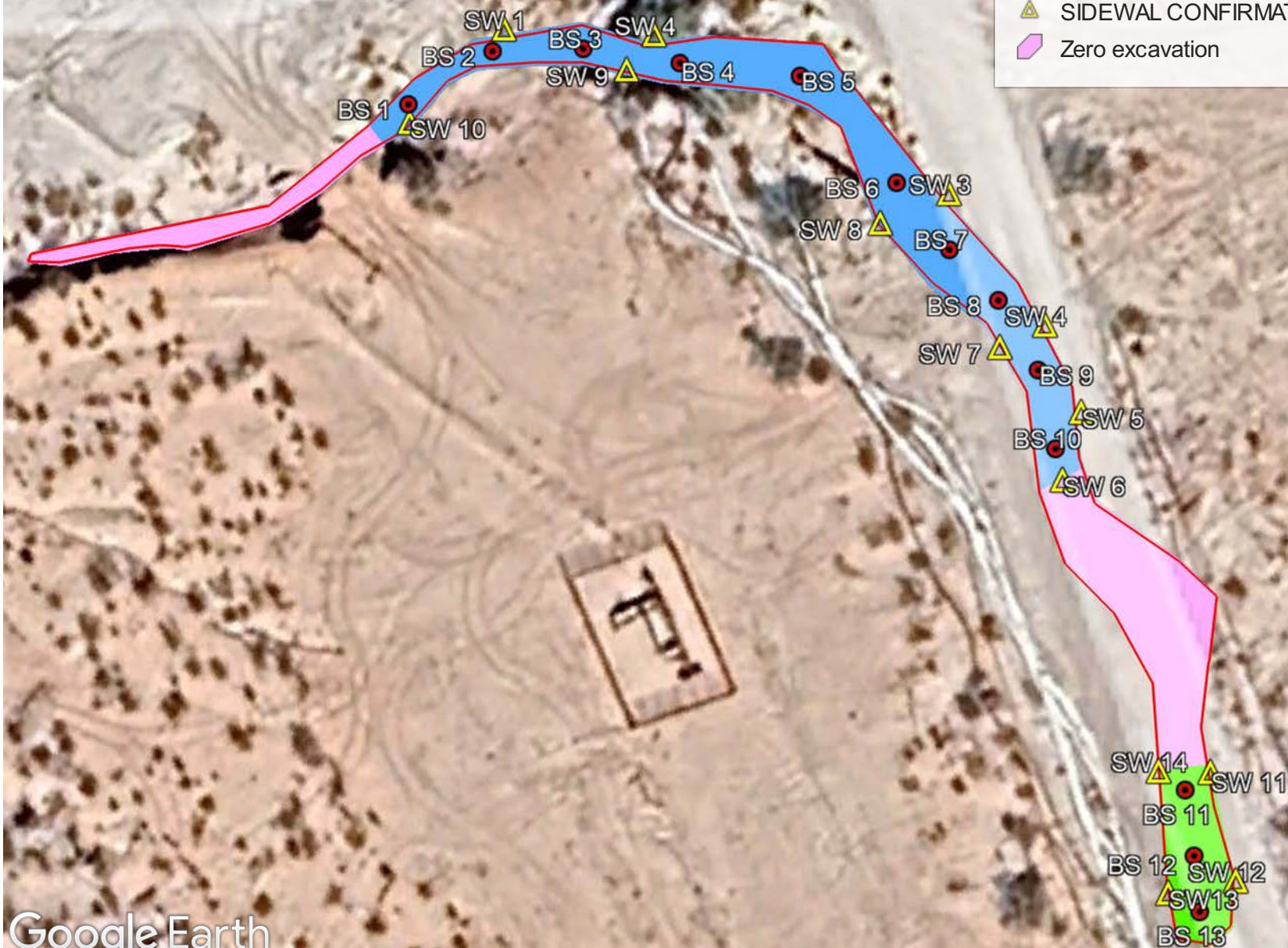
8/26/2024

**OXY, CYPRESS 34 FED 0007H (9/19/21)**

LEAK DATE : 09/19/2021  
EDDY COUNTY, NM  
ID#nAPP216755564

**Legend**

-  2' EXCAVATION
-  3' EXCAVATION
-  BOTTOM CONFIRMATION SAMPLE POINTS
-  LEAK AREA
-  SIDEWAL CONFIRMATION SAMPLE POINTS
-  Zero excavation



Google Earth

100 ft



OXY-CYPRESS 34 0007H (9/19/21) SAMPLE DATE 8/9/24

## BOTTOM SAMPLE POINTS

BS 1 @2'	N 32.265333	W-103.976610
BS 2@2'	N 32.265358	W-103.976574
BS 3@2'	N 32.265367	W-103.976528
BS 4@2'	N 32.265368	W-103.976481
BS 5@2'	N 32.265359	W-103.976440
BS 6@2'	N 32.265359	W-103.976395
BS 7@2'	N 32.265242	W-103.976218
BS 8@2'	N 32.265212	W-103.976183
BS 9@2'	N 32.265169	W-103.976154
BS 10@2'	N 32.265121	W-103.976142
BS 11@3'	N 32.264916	W-103.976051
BS 12@3'	N 32.264876	W-103.976044
BS 13@3'	N 32.264843	W-103.976041

## SIDEWALL SAMPLE POINTS

SW 1	N 32.265378	W-103.976541
SW 2	N 32.265374	W-103.976432
SW 3	N 32.265276	W-103.976219
SW 4	N 32.265196	W-103.976150
SW 5	N 32.265143	W-103.976124
SW 6	N 32.265102	W-103.976138
SW 7	N 32.265182	W-103.976182
SW 8	N 32.265258	W-103.976268
SW 9	N 32.265353	W-103.976452
SW 10	N 32.265321	W-103.976610
SW 11	N 32.264926	W-103.976033
SW 12	N 32.264861	W-103.976016
SW 13	N 32.264853	W-103.976064
SW 14	N 32.264926	W-103.976070



	Sample ID	BS 1@2'	BS 2@2'	BS 3@2'	BS 4@2'	BS 5@2'	BS 6@2'	BS 7@2'	BS 8@2'	BS 9@2'	BS 10@2'	BS 11@3'	BS 12@3'	BS 13@3'
Analyte	Date	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		80.0	112.0	80.0	96.0	80.0	80.0	64.0	64.0	64.0	64.0	80.0	64.0	80.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8	SW 9	SW 10	SW 11	SW 12	SW 13	SW 14
Analyte	Date	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24	8/9/24
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		64.0	64.0	64.0	80.0	80.0	80.0	80.0	64.0	64.0	64.0	80.0	80.0	96.0	64.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

# National Flood Hazard Layer FIRMMette



103°58'53"W 32°16'9"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°58'15"W 32°15'39"N

Released to Imaging: 8/28/2024 4:07:06 PM

Basemap Imagery Source: USGS National Map 2023

## 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 X
		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 D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
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 8/20/2024 at 3:45 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.

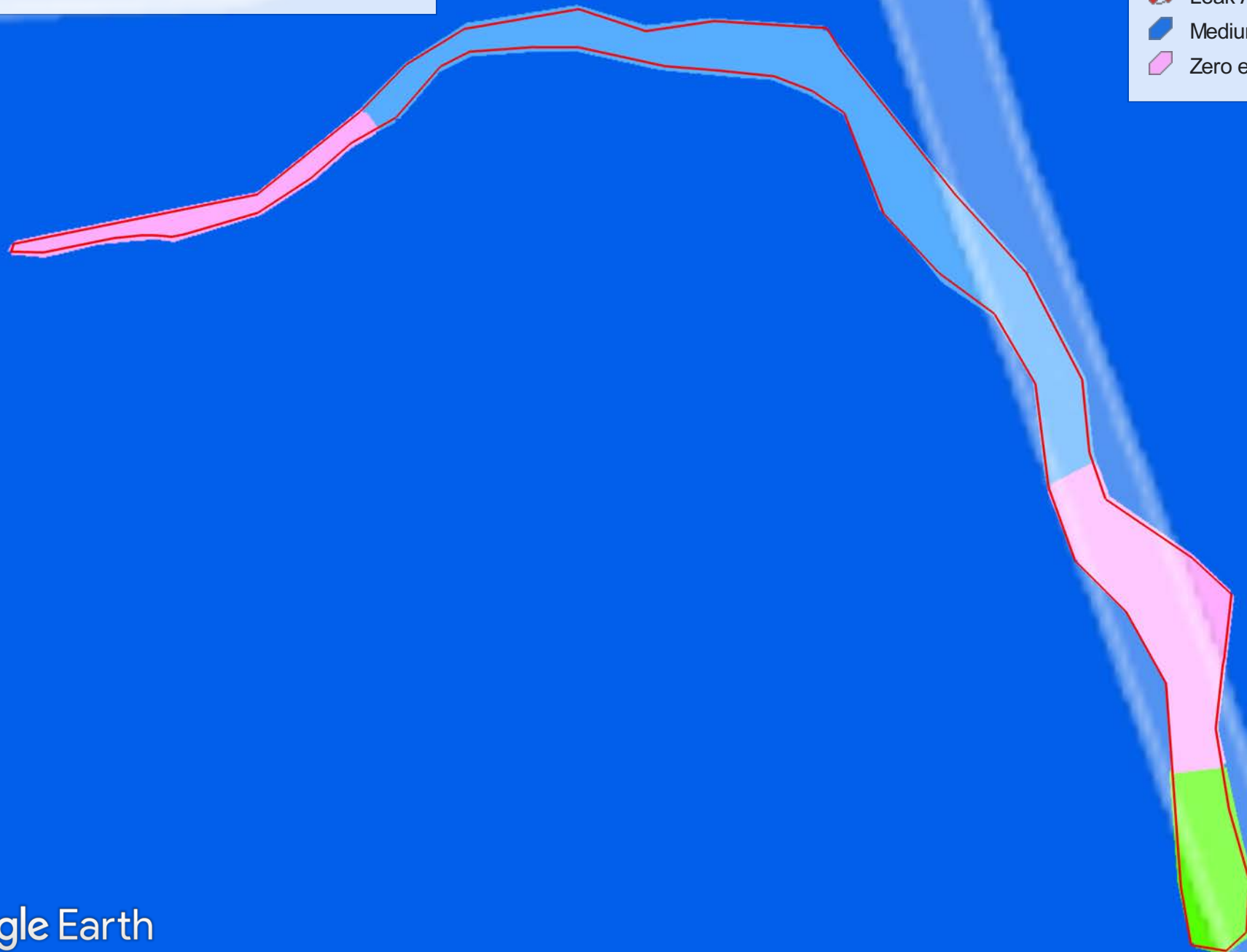
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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

# OXY,CYPRESS 34 FED 0007H

LEAK DATE : 9/19/21  
EDDY COUNTY,NM  
ID#nAPP2126755564

## Legend

- 2' excavation
- 3' excavation
- Leak Area
- Medium
- Zero excavation

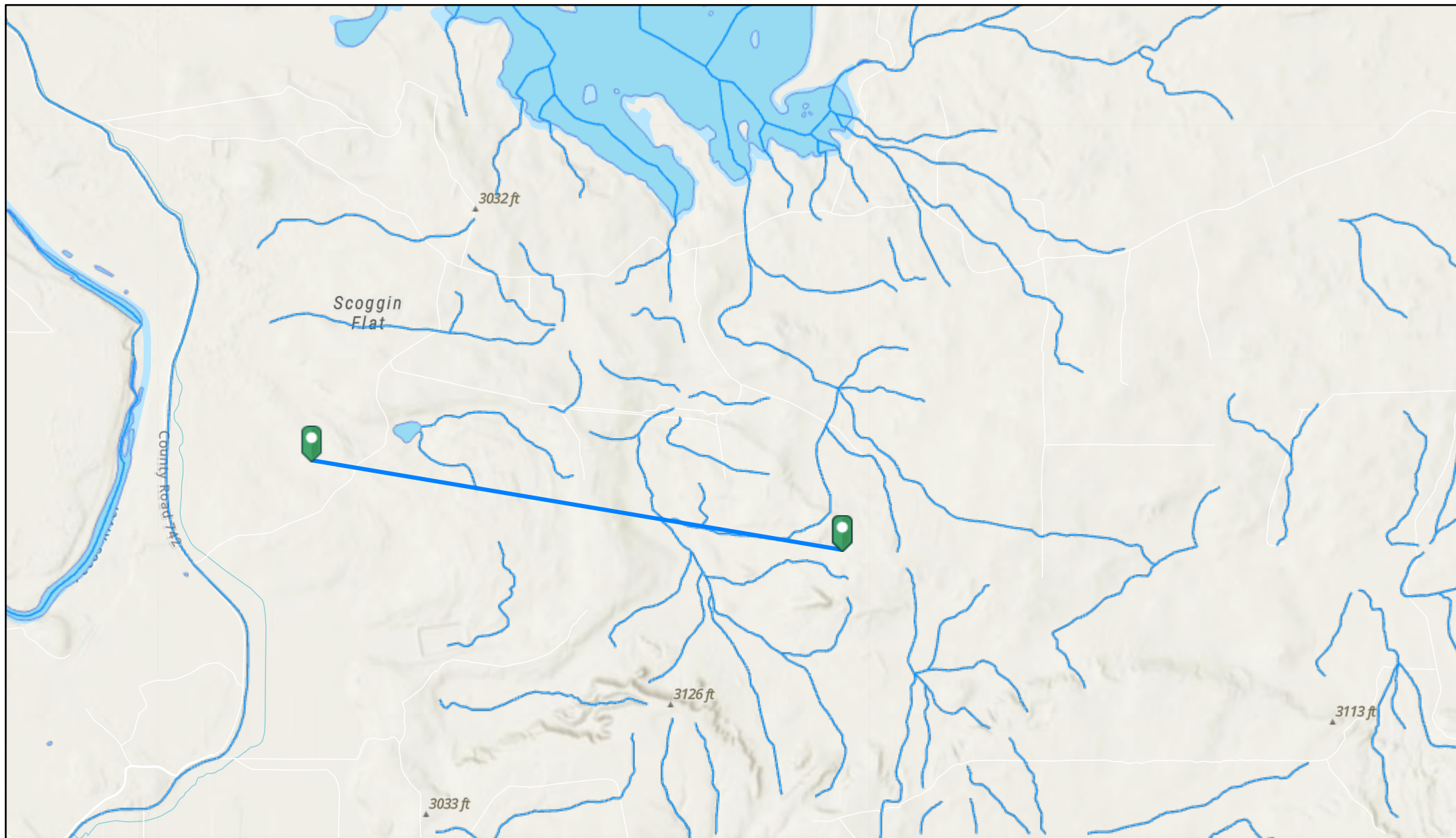


Google Earth



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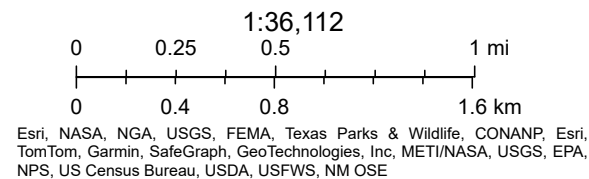


# OXY, CYPRESS 34 FED 0007H (9/19/21) 10,277.1 FEET OR 1.95 MILES TO WATER POD

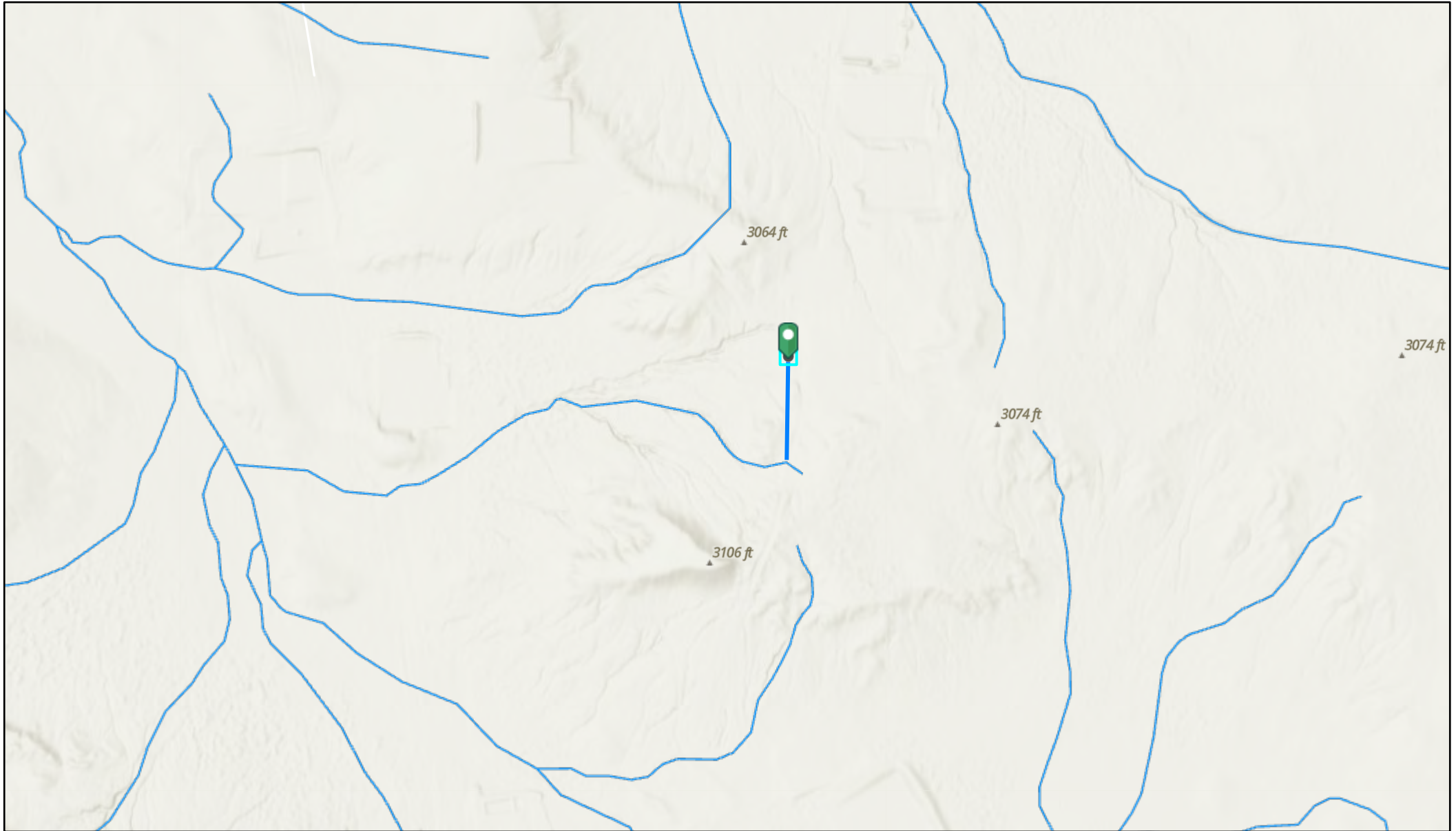


8/20/2024, 1:24:54 PM

-  OSW Water Bodys
-  OSE Streams

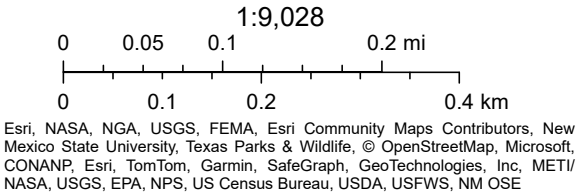


# OXY, CYPRESS 34 FED 0007H (9/19/21) 507 FEET OR 0.1 MILES TO H2O



8/20/2024, 1:33:14 PM

— OSE Streams







OXY,CYPRESS 34 FED 0007H (9/19/21)



August 21, 2024

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.





OXY – CYPRESS 34 FED 0007H (9/19/21)





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OXY – CYPRESS 34 FED 0007H (9/19/21)





OXY – CYPRESS 34 FED 0007H (9/19/21)





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

August 15, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CYPRESS 34 FED 0007H

Enclosed are the results of analyses for samples received by the laboratory on 08/09/24 16:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	08/09/2024	Sampling Date:	08/09/2024
Reported:	08/15/2024	Sampling Type:	Soil
Project Name:	CYPRESS 34 FED 0007H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NM		

**Sample ID: BOTTOM 1 @ 2' (H244840-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.18	109	2.00	6.18	
Toluene*	<0.050	0.050	08/13/2024	ND	2.33	117	2.00	7.42	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.45	122	2.00	8.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	7.53	126	6.00	8.33	
Total BTEX	<0.300	0.300	08/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/14/2024	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	08/13/2024	ND	199	99.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.1	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM 2 @ 2' (H244840-02)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2024	ND	2.18	109	2.00	6.18		
Toluene*	<0.050	0.050	08/13/2024	ND	2.33	117	2.00	7.42		
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.45	122	2.00	8.15		
Total Xylenes*	<0.150	0.150	08/13/2024	ND	7.53	126	6.00	8.33		
Total BTEX	<0.300	0.300	08/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	08/14/2024	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	08/13/2024	ND	199	99.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.1	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM 3 @ 2' (H244840-03)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.18	109	2.00	6.18	
Toluene*	<0.050	0.050	08/13/2024	ND	2.33	117	2.00	7.42	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.45	122	2.00	8.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	7.53	126	6.00	8.33	
Total BTEX	<0.300	0.300	08/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/14/2024	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	08/13/2024	ND	199	99.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.1	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	08/09/2024	Sampling Date:	08/09/2024
Reported:	08/15/2024	Sampling Type:	Soil
Project Name:	CYPRESS 34 FED 0007H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NM		

**Sample ID: BOTTOM 4 @ 2' (H244840-04)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.18	109	2.00	6.18	
Toluene*	<0.050	0.050	08/13/2024	ND	2.33	117	2.00	7.42	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.45	122	2.00	8.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	7.53	126	6.00	8.33	
Total BTEX	<0.300	0.300	08/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/14/2024	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	08/13/2024	ND	199	99.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.1	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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\*=Accredited Analyte

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM 5 @ 2' (H244840-05)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2024	ND	2.18	109	2.00	6.18		
Toluene*	<0.050	0.050	08/13/2024	ND	2.33	117	2.00	7.42		
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.45	122	2.00	8.15		
Total Xylenes*	<0.150	0.150	08/13/2024	ND	7.53	126	6.00	8.33		
Total BTEX	<0.300	0.300	08/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/14/2024	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	08/13/2024	ND	199	99.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.1	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM 6 @ 2' (H244840-06)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394	
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23	
Total BTEX	<0.300	0.300	08/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/14/2024	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	08/13/2024	ND	199	99.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.1	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM 7 @ 2' (H244840-07)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394		
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864		
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23		
Total BTEx	<0.300	0.300	08/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/14/2024	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	08/13/2024	ND	199	99.5	200	1.70	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.1	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM 8 @ 2' (H244840-08)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394	
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23	
Total BTEX	<0.300	0.300	08/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM 9 @ 2' (H244840-09)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394		
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864		
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23		
Total BTEx	<0.300	0.300	08/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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:	08/09/2024	Sampling Date:	08/09/2024
Reported:	08/15/2024	Sampling Type:	Soil
Project Name:	CYPRESS 34 FED 0007H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NM		

**Sample ID: BOTTOM 10 @ 2' (H244840-10)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394	
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23	
Total BTEx	<0.300	0.300	08/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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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:	08/09/2024	Sampling Date:	08/09/2024
Reported:	08/15/2024	Sampling Type:	Soil
Project Name:	CYPRESS 34 FED 0007H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NM		

**Sample ID: BOTTOM 11 @ 3' (H244840-11)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394		
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864		
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23		
Total BTEx	<0.300	0.300	08/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM 12 @ 3' (H244840-12)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394	
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23	
Total BTEX	<0.300	0.300	08/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM 13 @ 3' (H244840-13)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394	
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23	
Total BTEX	<0.300	0.300	08/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 1 @ 2' (H244840-14)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394		
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864		
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23		
Total BTEX	<0.300	0.300	08/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 72.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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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:	08/09/2024	Sampling Date:	08/09/2024
Reported:	08/15/2024	Sampling Type:	Soil
Project Name:	CYPRESS 34 FED 0007H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NM		

**Sample ID: SIDEWALL 2 @ 2' (H244840-15)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394		
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864		
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23		
Total BTEX	<0.300	0.300	08/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 3 @ 2' (H244840-16)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394	
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23	
Total BTEX	<0.300	0.300	08/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 4 @ 2' (H244840-17)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394		
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864		
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23		
Total BTEX	<0.300	0.300	08/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 5 @ 2' (H244840-18)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394		
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864		
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23		
Total BTEX	<0.300	0.300	08/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 6 @ 2' (H244840-19)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394	
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23	
Total BTEX	<0.300	0.300	08/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 7 @ 2' (H244840-20)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394	
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23	
Total BTEX	<0.300	0.300	08/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 69.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 8 @ 2' (H244840-21)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394		
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864		
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23		
Total BTEX	<0.300	0.300	08/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 9 @ 2' (H244840-22)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394		
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864		
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23		
Total BTEX	<0.300	0.300	08/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 10 @ 2' (H244840-23)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394		
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864		
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23		
Total BTEX	<0.300	0.300	08/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 11 @ 3' (H244840-24)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394		
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864		
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23		
Total BTEX	<0.300	0.300	08/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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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:	08/09/2024	Sampling Date:	08/09/2024
Reported:	08/15/2024	Sampling Type:	Soil
Project Name:	CYPRESS 34 FED 0007H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NM		

**Sample ID: SIDEWALL 12 @ 3' (H244840-25)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2024	ND	1.96	98.0	2.00	0.394		
Toluene*	<0.050	0.050	08/13/2024	ND	1.93	96.7	2.00	0.864		
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.05	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.06	101	6.00	1.23		
Total BTEX	<0.300	0.300	08/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08		
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42		
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND						

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 13 @ 3' (H244840-26)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2024	ND	2.32	116	2.00	4.25		
Toluene*	<0.050	0.050	08/13/2024	ND	2.06	103	2.00	7.65		
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.00	99.8	2.00	9.81		
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.03	100	6.00	9.58		
Total BTEX	<0.300	0.300	08/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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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: 08/09/2024  
 Reported: 08/15/2024  
 Project Name: CYPRESS 34 FED 0007H  
 Project Number: NONE GIVEN  
 Project Location: OXY - NM

Sampling Date: 08/09/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 14 @ 3' (H244840-27)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.32	116	2.00	4.25	
Toluene*	<0.050	0.050	08/13/2024	ND	2.06	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.00	99.8	2.00	9.81	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.03	100	6.00	9.58	
Total BTEX	<0.300	0.300	08/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/14/2024	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	08/13/2024	ND	206	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	190	95.2	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					

Surrogate: 1-Chlorooctane 68.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



## ORDINAL LABORATORIES

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>			
<b>Project Manager:</b> Cliff Brunson				<b>P.O. #:</b>							
<b>Address:</b> P.O. Box 805				<b>Company:</b> Oxy							
<b>City:</b> Hobbs				<b>Attn:</b>							
<b>State:</b> NM <b>zip:</b> 88241				<b>Address:</b>							
<b>Phone #:</b> 575-397-6388				<b>City:</b>							
<b>Fax #:</b> 575-397-0397				<b>State:</b>							
<b>Project #:</b>				<b>Zip:</b>							
<b>Project Name:</b> Cypress 34 AEO 0007H				<b>Phone #:</b>							
<b>Project Location:</b> New Mexico				<b>Fax #:</b>							
<b>Sample Name:</b> Roger Hernandez				<b>PRESERV</b>				<b>SAMPLING</b>			
FOR LAB USE ONLY				<b>MATRIX</b>							
<b>Lab I.D.</b>				<b>Sample I.D.</b>							
(G)RAB OR (C)OMP.				# CONTAINERS							
GROUNDWATER				WASTEWATER							
SOIL				SLUDGE							
OIL				OTHER :							
ACID/BASE:				ICE / COOL							
OTHER :				DATE				TIME			
124484				Bottom 1				8.9.14 830			
2				2				8.9.14 840			
3				3				8.9.14 850			
4				4				8.9.14 900			
5				5				8.9.14 910			
6				6				8.9.14 920			
7				7				8.9.14 930			
8				8				8.9.14 940			
9				9				8.9.14 950			
10				10				8.9.14 000			

**Relinquished By:** *[Signature]*
**Date:** 8.9.14

**Relinquished By:** *[Signature]*
**Date:** 10.35

**Delivered By:** (Circle One) *UPS*

**Sampler - UPS - Bus - Other:**

**Sample Condition:** ☒ Intact ☐ Cool ☐ Yes ☐ No

**CHECKED BY:** *[Signature]*

**REMARKS:**

Page 30 of 32





## ORDINAL LABORATORIES

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

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>			
<b>Project Manager:</b> Cliff Brunson				<b>P.O. #:</b>							
<b>Address:</b> P.O. Box 805				<b>Company:</b> Oxy							
<b>City:</b> Hobbs				<b>Attn:</b>							
<b>State:</b> NM <b>Zip:</b> 88241				<b>Address:</b>							
<b>Phone #:</b> 575-397-6388 <b>Fax #:</b> 575-397-0397				<b>City:</b>							
<b>Project #:</b>				<b>State:</b>				<b>Zip:</b>			
<b>Project Name:</b> Cypress 3d feed 2007H				<b>Phone #:</b>							
<b>Project Location:</b> New Mexico				<b>Fax #:</b>							
<b>Sampler Name:</b> Roger Hernandez				<b>MATRIX</b>				<b>SAMPLING</b>			
<small>FOR LAB USE ONLY</small>				<b>(G)RAB OR (C)OMP.</b>							
<b>Lab I.D.</b>				<b># CONTAINERS</b>							
<b>Sample I.D.</b>				<b>GROUNDWATER</b>							
				<b>WASTEWATER</b>							
				<b>SOIL</b>							
				<b>OIL</b>							
				<b>SLUDGE</b>							
				<b>OTHER :</b>							
				<b>ACID/BASE:</b>							
				<b>ICE / COOL</b>							
				<b>OTHER :</b>							
				<b>DATE</b>				<b>TIME</b>			
H244840				Bottom 11 @ 3'				(✓)			
11				12 @ 3'				(✓)			
12				13 @ 3'				(✓)			
13				Side wall 1 @ 2'				(✓)			
14				2 @ 2'				(✓)			
15				3 @ 2'				(✓)			
16				4 @ 2'				(✓)			
17				5 @ 2'				(✓)			
18				6 @ 2'				(✓)			
19				7 @ 2'				(✓)			
20				8 @ 2'				(✓)			

**PLEASE NOTE:** Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of sale, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

<b>Relinquished By:</b> Roger Hernandez		<b>Date:</b> 8-9-14		<b>Received By:</b> Stockeigues		<b>Phone Result:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>Add'l Phone #:</b>	
<b>Relinquished By:</b>		<b>Date:</b>		<b>Received By:</b>		<b>Fax Result:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>Add'l Fax #:</b>	
<b>Delivered By:</b> (Circle One) Sampler - UPS - Bus - Other: -OUC(COO) -1.2c #140		<b>Sample Condition</b> <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Year <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>CHECKED BY:</b> (Initials) SE					
<b>REMARKS:</b>									

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc.		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>																																			
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<b>Phone #:</b> 575-397-6388		<b>State:</b>																																					
<b>Fax #:</b> 575-397-0397		<b>Zip:</b>																																					
<b>Project #:</b>		<b>Project Owner:</b> Oxy																																					
<b>Project Name:</b>		<b>Phone #:</b>																																					
<b>Project Location:</b> New Mexico		<b>Fax #:</b>																																					
<b>Sampler Name:</b> Roger Hernandez		<b>FOR LAB USE ONLY</b>																																					
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>MATRIX</b>		<b>PRESERV.</b>		<b>SAMPLING</b>																															
				<b>(G)RAB OR (C)OMP.</b>		<b># CONTAINERS</b>		<b>GROUNDWATER</b>		<b>WASTEWATER</b>		<b>SOIL</b>		<b>OIL</b>		<b>SLUDGE</b>		<b>OTHER :</b>		<b>ACID/BASE:</b>		<b>ICE / COOL</b>		<b>OTHER :</b>		<b>DATE</b>		<b>TIME</b>											
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**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**

QUESTIONS  
  
Action 377767

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	377767
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2126755564
Incident Name	NAPP2126755564 CYPRESS 34 0007H @ 30-015-39219
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-39219] CYPRESS 34 FEDERAL #007H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CYPRESS 34 0007H
Date Release Discovered	09/19/2021
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Human Error   Flow Line - Production   Crude Oil   Released: 5 BBL   Recovered: 0 BBL   Lost: 5 BBL.
Produced Water Released (bbls) Details	Cause: Human Error   Flow Line - Production   Produced Water   Released: 29 BBL   Recovered: 0 BBL   Lost: 29 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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**District III**

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Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

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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**

QUESTIONS, Page 2

Action 377767

**QUESTIONS (continued)**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	377767
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 08/26/2024
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QUESTIONS, Page 3

Action 377767

**QUESTIONS (continued)**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	377767
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
<b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	112
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	10
GRO+DRO (EPA SW-846 Method 8015M)	10
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.5

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	07/30/2024
On what date will (or did) the final sampling or liner inspection occur	08/09/2024
On what date will (or was) the remediation complete(d)	08/15/2024
What is the estimated surface area (in square feet) that will be reclaimed	2514
What is the estimated volume (in cubic yards) that will be reclaimed	210
What is the estimated surface area (in square feet) that will be remediated	2514
What is the estimated volume (in cubic yards) that will be remediated	210

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.



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QUESTIONS, Page 4

Action 377767

**QUESTIONS (continued)**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 377767
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	LEA LAND LANDFILL [fEEM0112342028]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 08/26/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5  
  
Action 377767

QUESTIONS (continued)

Operator:  OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:  16696
	Action Number:  377767
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 377767

**QUESTIONS (continued)**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	377767
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>371027</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>08/09/2024</b>
What was the (estimated) number of samples that were to be gathered	<b>27</b>
What was the sampling surface area in square feet	<b>2514</b>

**Remediation Closure Request**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

Requesting a remediation closure approval with this submission	<b>Yes</b>
Have the lateral and vertical extents of contamination been fully delineated	<b>Yes</b>
Was this release entirely contained within a lined containment area	<b>No</b>
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	<b>Yes</b>
What was the total surface area (in square feet) remediated	<b>2514</b>
What was the total volume (cubic yards) remediated	<b>210</b>
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	<b>Yes</b>
What was the total surface area (in square feet) reclaimed	<b>2514</b>
What was the total volume (in cubic yards) reclaimed	<b>210</b>
Summarize any additional remediation activities not included by answers (above)	OXY excavated the spill area as depicted on the following site diagram. The leak area near SP1 and SP5& SP 5 (PINK shade on diagram) Required Zero excavation. The leak area near SP2 ,SP3, & SP4 (LIGHT BLUE shade on diagram) was excavated to a depth of 2 feet. The leak area near SP7 (GREEN shade on diagram) was excavated to a depth of 3 feet. OXY collected bottom and sidewall confirmation samples every 200 square feet.

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

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

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 08/26/2024
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QUESTIONS, Page 7  
  
Action 377767

QUESTIONS (continued)

Operator:  OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:  16696
	Action Number:  377767
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS  
  
Action 377767

CONDITIONS

Operator:  OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:  16696
	Action Number:  377767
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	8/28/2024