

# Closure Report

ID # nAPP2103557979

## Site Description

Site Name:	LOST TANK 33 FEDERAL 2 SWD
Company:	Oxy USA, Inc.
Legal Description:	U/L M, Section 33, T21S, R31E
County:	Eddy County, NM
GPS Coordinates:	N 32.428577, W-103.789461

## Release Data

Date of Release:	1/12/2021
Type of Release:	Produced water
Source of Release:	3 inch poly inlet line failed due to wear & tear
Volume of Release:	50bbbls
Volume Recovered:	40 bbbls

## Remediation Specifications

Remediation Parameters:	<p>OXY excavated the spill area as depicted on the following site diagram. The leak area near SP1 – SP2 (PINK shade on diagram) was excavated to a depth of 1 foot. The leak area near SP3 (BLUE shade on diagram) was excavated to a depth of 2 feet. The leak area near SP4 (WHITE shade on diagram) require zero excavation.</p> <p>Bottom and sidewall confirmation samples was collected at no greater than 300 square ft. intervals. Estimated volume of material to be removed is 102 cubic yards.</p>	
Remediation Activities:		
Plan Sent to OCD:		7/21/2021
OCD Approval of Plan:		7/21/2021
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	
Notifications	3/30/2023	

## Request for Closure

Based on the completion of the remediation plan as agreed upon, OXY requests closure approval from NMOCD.

Cliff Brunson, President of BBC International Inc.

5/8/2023

Form C-141  
Page 6

State of New Mexico  
Oil Conservation Division

Incident ID	nAPP2103557979
District RP	
Facility ID	
Application ID	

### Closure

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

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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

Printed Name: Wade Dittrich Title: Environmental Coordinator  
 Signature:  Date: 3-31-23  
 email: wade\_dittrich@oxy.com Telephone: (575) 390-2828

**OCD Only**

Received by: Shelly Wells Date: 10/17/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

**From:** [Enviro, OCD, EMNRD](#)  
**To:** [Cliff Brunson](#)  
**Cc:** [Bratcher, Michael, EMNRD](#); [Hamlet, Robert, EMNRD](#)  
**Subject:** RE: [EXTERNAL] OXY - Lost Tank 33 Fed 2 SWD (nAPP2103557979) - Sampling Notification  
**Date:** Friday, March 31, 2023 8:12:52 AM

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Cliff,

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

JH

**Jocelyn Harimon** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1220 South St. Francis Drive | Santa Fe, NM 87505  
(505)469-2821 | [Jocelyn.Harimon@emnrd.nm.gov](mailto:Jocelyn.Harimon@emnrd.nm.gov)  
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



---

**From:** Cliff Brunson <cbrunson@bbcinternational.com>  
**Sent:** Thursday, March 30, 2023 4:45 PM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Cc:** 'Wade Dittrich' <Wade\_Dittrich@oxy.com>; Tyson Pierce <tyson\_pierce@oxy.com>; Kathy Sweeney <kathys@bbcinternational.com>; 'Jennifer Gilkey' <jgilkey@bbcinternational.com>  
**Subject:** [EXTERNAL] OXY - Lost Tank 33 Fed 2 SWD (nAPP2103557979) - Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Lost Tank 33 Fed 2 SWD (nAPP2103557979) (1/12/21) on Tuesday, April 4 at 9:00 a.m.

Cliff P. Brunson, CEI, CRS  
President  
BBC International, Inc.  
World-Wide Environmental Specialists  
Mailing Address:  
P. O. Box 805  
Hobbs, NM 88241-0805 USA  
Shipping Address:  
1324 W. Marland St.  
Hobbs, NM 88240 USA  
Phone: (575) 397-6388

Fax: (575) 397-0397

E-Mail: [cbrunson@bbcinternational.com](mailto:cbrunson@bbcinternational.com)



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\*\*\*\*\*

**From:** [Cliff Brunson](#)  
**To:** [OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)  
**Cc:** "[Wade Dittrich](#)"; [Tyson Pierce](#); [Kathy Sweeney](#); "[Jennifer Gilkey](#)"  
**Subject:** OXY - Lost Tank 33 Fed 2 SWD (nAPP2103557979) - Sampling Notification  
**Date:** Thursday, March 30, 2023 4:44:38 PM

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This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Lost Tank 33 Fed 2 SWD (nAPP2103557979) (1/12/21) on Tuesday, April 4 at 9:00 a.m.

Cliff P. Brunson, CEI, CRS  
 President  
 BBC International, Inc.  
 World-Wide Environmental Specialists  
 Mailing Address:  
 P. O. Box 805  
 Hobbs, NM 88241-0805 USA  
 Shipping Address:  
 1324 W. Marland St.  
 Hobbs, NM 88240 USA  
 Phone: (575) 397-6388  
 Fax: (575) 397-0397  
 E-Mail: [cbrunson@bbcinternational.com](mailto:cbrunson@bbcinternational.com)



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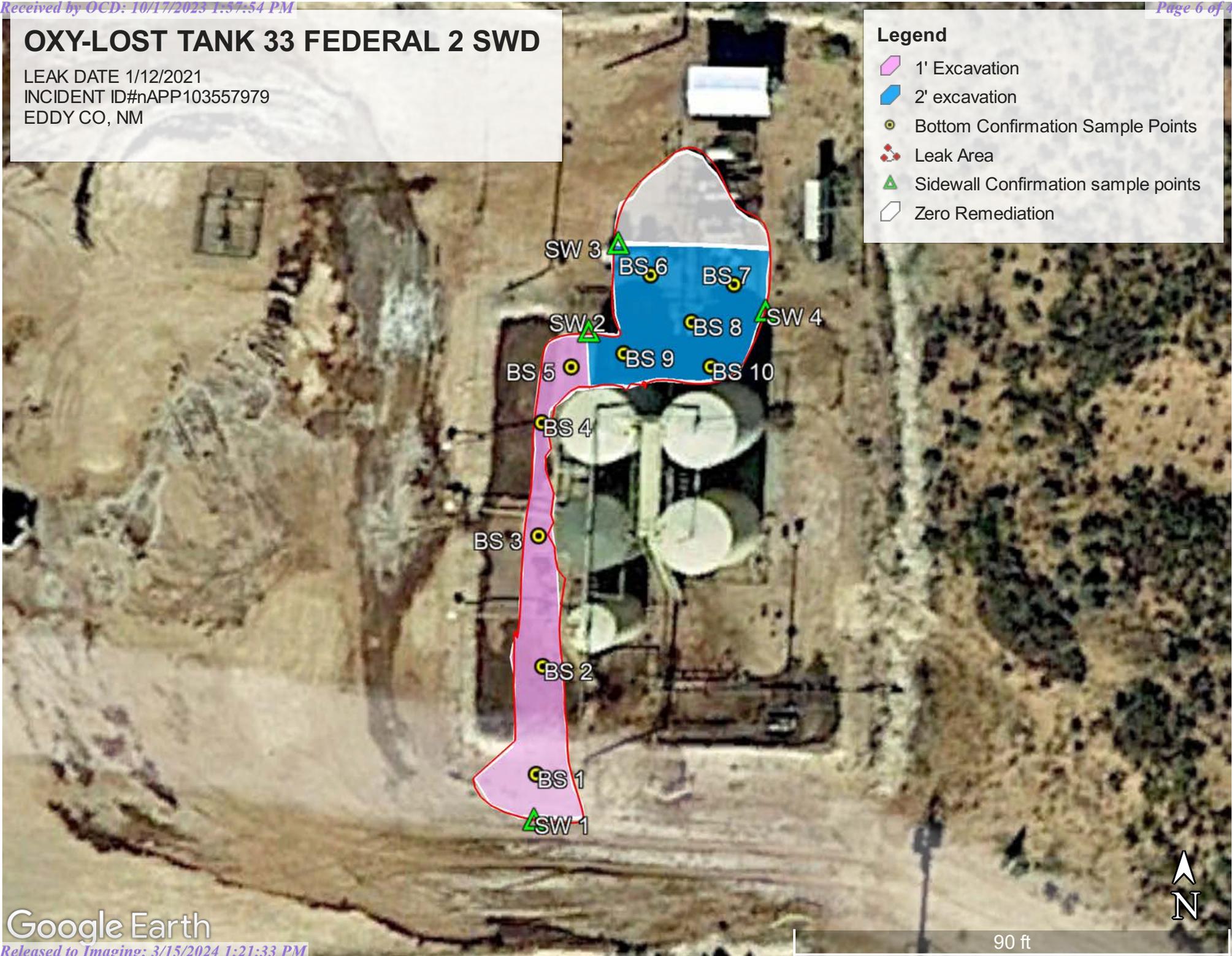
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# OXY-LOST TANK 33 FEDERAL 2 SWD

LEAK DATE 1/12/2021  
INCIDENT ID#nAPP103557979  
EDDY CO, NM

## Legend

-  1' Excavation
-  2' excavation
-  Bottom Confirmation Sample Points
-  Leak Area
-  Sidewall Confirmation sample points
-  Zero Remediation



OXY- LOST TANK 33 FEDERAL 2 SWD (1/12/2021)

SAMPLE DATE 4

BOTTOM SAMPLE POINTS

BS 1 @1'	N 32.42847	W-103.78952
BS 2@1'	N 32.42852	W-103.78951
BS 3@1'	N 32.42860	W-103.78951
BS 4@1'	N 32.42868	W-103.78951
BS 5@1'	N 32.42869	W-103.78944
BS 6@2'	N 32.42874	W-103.78949
BS 7@2'	N 32.42872	W-103.78938
BS 8@2'	N 32.42873	W-103.78942
BS 9@2'	N 32.42870	W-103.78947
BS 10@2'	N 32.42867	W-103.78941

SIDEWALL SAMPLE POINTS

SW 1	N 32.42846	W-103.78941
SW 2	N 32.42873	W-103.78942
SW 3	N 32.42869	W-103.78944
SW 4	N 32.42870	W-103.78936
SW 5	N 32.42874	W-103.78945

	Sample ID	BS 1@1'	BS 2@1'	BS 3@1'	BS 4@1'	BS 5@1'	BS 6@1'	BS 7@1'	BS 8@2'	BS 9@2'	BS 10 @2'
<b>Analyte</b>	<b>Date</b>	4/4/23	4/4/23	4/4/23	4/4/23	4/4/23	4/4/23	4/4/23	4/4/23	4/4/23	4/4/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
<b>Benzene</b>		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
<b>Toluene</b>		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
<b>Ethylbenzene</b>		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
<b>Total Xylenes</b>		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
<b>Total BTEX</b>		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
<b>Chloride</b>		<b>32.0</b>	<16.0	<16.0	<16.0	<16.0	<16.0	<b>16.0</b>	<b>32.0</b>	<b>16.0</b>	<b>16.0</b>
<b>GRO</b>		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
<b>DRO</b>		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	<b>10.1</b>	<10.0
<b>EXT DRO</b>		<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
<b>Analyte</b>	<b>Date</b>	4/4/23	4/4/23	4/4/23	4/4/23	4/4/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
<b>Benzene</b>		<0.050	<0.050	<0.050	<0.050	<0.050
<b>Toluene</b>		<0.050	<0.050	<0.050	<0.050	<0.050
<b>Ethylbenzene</b>		<0.050	<0.050	<0.050	<0.050	<0.050
<b>Total Xylenes</b>		<0.150	<0.150	<0.150	<0.150	<0.150
<b>Total BTEX</b>		<0.300	<0.300	<0.300	<0.300	<0.300
<b>Chloride</b>		<b>16.0</b>	<b>32.0</b>	<b>32.0</b>	<b>16.0</b>	<b>32.0</b>
<b>GRO</b>		<10.0	<10.0	<10.0	<10.0	<10.0
<b>DRO</b>		<10.0	<10.0	<10.0	<10.0	<10.0
<b>EXT DRO</b>		<10.0	<10.0	<10.0	<10.0	<10.0



OXY- LOST TANK 33 FEDERAL 2 SWD (1/12/21)





OXY- LOST TANK 33 FEDERAL 2 SWD (1/12/21)





OXY- LOST TANK 33 FEDERAL 2 SWD (1/12/21)





OXY- LOST TANK 33 FEDERAL 2 SWD (1/12/21)



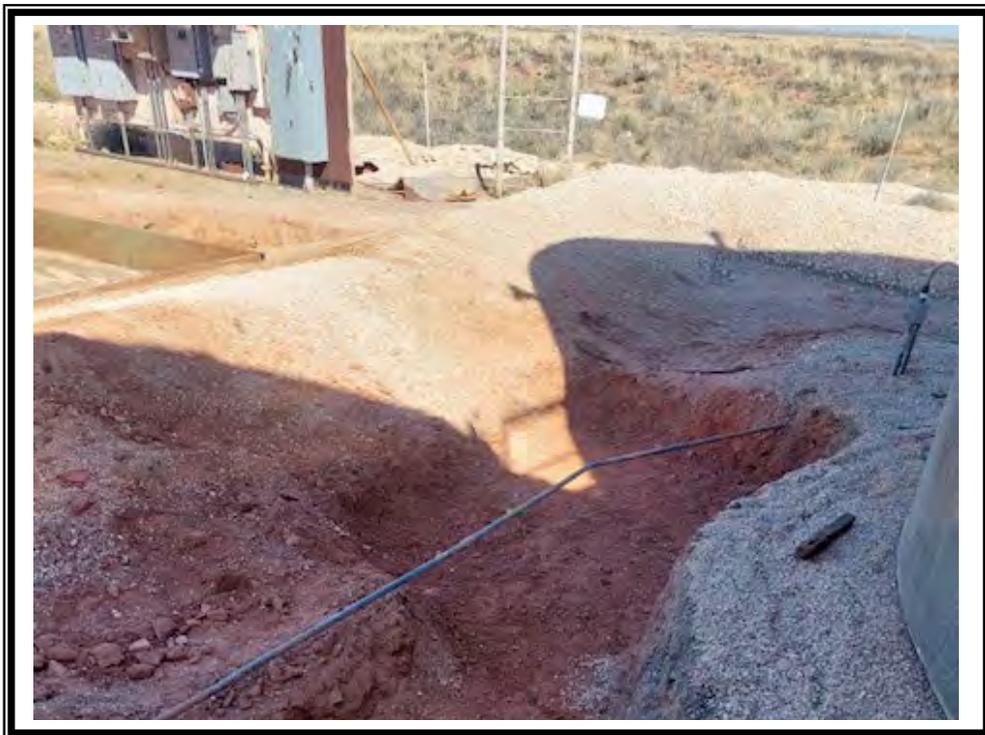


OXY- LOST TANK 33 FEDERAL 2 SWD (1/12/21)





OXY- LOST TANK 33 FEDERAL 2 SWD (1/12/21)





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OXY- LOST TANK 33 FEDERAL 2 SWD (1/12/21)





OXY- LOST TANK 33 FEDERAL 2 SWD (1/12/21)





OXY- LOST TANK 33 FEDERAL 2 SWD (1/12/21)





OXY- LOST TANK 33 FEDERAL 2 SWD (1/12/21)





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

---

April 10, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: LOST TANK 33 FED 2 SWD (1/12/21)

Enclosed are the results of analyses for samples received by the laboratory on 04/04/23 16:39.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	LOST TANK 33 FED 2 SWD (1/12/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 1 @ 1' (H231558-01)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

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	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	182	91.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	206	103	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	LOST TANK 33 FED 2 SWD (1/12/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 2 @ 1' (H231558-02)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

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	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	182	91.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	LOST TANK 33 FED 2 SWD (1/12/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 3 @ 1' (H231558-03)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 77.5-125

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	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	182	91.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	LOST TANK 33 FED 2 SWD (1/12/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 4 @ 1' (H231558-04)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

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	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	182	91.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	LOST TANK 33 FED 2 SWD (1/12/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 5 @ 1' (H231558-05)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

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	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	182	91.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	LOST TANK 33 FED 2 SWD (1/12/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 6 @ 1' (H231558-06)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

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	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	182	91.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	LOST TANK 33 FED 2 SWD (1/12/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 7 @ 2' (H231558-07)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

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	04/05/2023	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	04/05/2023	ND	182	91.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	LOST TANK 33 FED 2 SWD (1/12/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 8 @ 2' (H231558-08)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

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	04/05/2023	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	04/05/2023	ND	182	91.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	LOST TANK 33 FED 2 SWD (1/12/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 9 @ 2' (H231558-09)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	04/05/2023	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	04/06/2023	ND	182	91.0	200	1.55	
<b>DRO &gt;C10-C28*</b>	<b>10.1</b>	10.0	04/06/2023	ND	206	103	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	LOST TANK 33 FED 2 SWD (1/12/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 10 @ 2' (H231558-10)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

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	04/05/2023	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	04/06/2023	ND	182	91.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	206	103	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	LOST TANK 33 FED 2 SWD (1/12/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 1 (H231558-11)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

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	04/05/2023	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	04/06/2023	ND	182	91.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	206	103	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	LOST TANK 33 FED 2 SWD (1/12/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 2 (H231558-12)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

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	04/05/2023	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	04/06/2023	ND	181	90.6	200	1.30	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	170	84.8	200	5.29	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	LOST TANK 33 FED 2 SWD (1/12/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 3 (H231558-13)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

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	04/05/2023	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	04/06/2023	ND	181	90.6	200	1.30	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	170	84.8	200	5.29	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	LOST TANK 33 FED 2 SWD (1/12/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 4 (H231558-14)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

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	04/05/2023	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	04/06/2023	ND	181	90.6	200	1.30	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	170	84.8	200	5.29	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	LOST TANK 33 FED 2 SWD (1/12/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 5 (H231558-15)**

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	04/06/2023	ND	1.89	94.5	2.00	5.52	
Toluene*	<0.050	0.050	04/06/2023	ND	1.93	96.4	2.00	4.13	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.96	98.0	2.00	4.00	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.03	100	6.00	2.99	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	04/05/2023	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	04/06/2023	ND	181	90.6	200	1.30	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	170	84.8	200	5.29	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc.  
 Project Manager: Cliff Brunson  
 Address: P.O. Box 805  
 City: Hobbs State: NM Zip: 88241  
 Phone #: 575-397-6388 Fax #: 575-397-0397  
 Project #: Project Owner: Oxy  
 Project Name: LOST TANK 33 FED 2 SWD (1/12/21)  
 Project Location: New Mexico  
 Sampler Name: SIMON  
 P.O. #: Company: Oxy  
 Attn: Address: City: State: Zip: Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
#231558	BOTTOM SAMPLE 1@1'	<input checked="" type="checkbox"/>							4/4/23	8:45AM	✓	✓	✓	
	BOTTOM SAMPLE 2@1'	<input checked="" type="checkbox"/>							4/4/23	8:54AM	✓	✓	✓	
	BOTTOM SAMPLE 3@1'	<input checked="" type="checkbox"/>							4/4/23	9:10AM	✓	✓	✓	
	BOTTOM SAMPLE 4@1'	<input checked="" type="checkbox"/>							4/4/23	9:21AM	✓	✓	✓	
	BOTTOM SAMPLE 5@1'	<input checked="" type="checkbox"/>							4/4/23	9:30AM	✓	✓	✓	
	BOTTOM SAMPLE 6@1'	<input checked="" type="checkbox"/>							4/4/23	9:42AM	✓	✓	✓	
	BOTTOM SAMPLE 7@2'	<input checked="" type="checkbox"/>							4/4/23	9:55AM	✓	✓	✓	
	BOTTOM SAMPLE 8@2'	<input checked="" type="checkbox"/>							4/4/23	10:08AM	✓	✓	✓	
	BOTTOM SAMPLE 9@2'	<input checked="" type="checkbox"/>							4/4/23	10:21AM	✓	✓	✓	
	BOTTOM SAMPLE 10@2'	<input checked="" type="checkbox"/>							4/4/23	10:33AM	✓	✓	✓	

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Relinquished By: [Signature] Date: 4-4-23 Time: 7:43  
 Received By: [Signature] Date: 4-4-23 Time: 10:39  
 Delivered By: (Circle One) UPS - Bus - Other: #13 #13  
 Sample Condition: Cool  Intact   
 Checked By: [Signature] (Initials) [Signature]  
 Phone Result:  Yes  No Add'l Phone #:   
 Fax Result:  Yes  No Add'l Fax #:   
 REMARKS:   
 † Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



**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 276582

**CONDITIONS**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 276582
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
bhall	Closure approved. A reclamation and revegetation report will need to be submitted when the area is no longer reasonably needed for production or subsequent drilling activities.	3/15/2024
bhall	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.	3/15/2024
bhall	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeded activities, inspections, and final pictures when revegetation is achieved.	3/15/2024
bhall	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	3/15/2024