

Closure Report

INCIDENT ID# nSEB0826852231

Site Description

Site Name:	RIGHTHAND CANYON 34-1 SAT
Company:	Oxy USA, Inc.
Legal Description:	U/L E, Sect. 34, T21S, R24E
County:	EDDY
GPS Coordinates:	32.4379082, -104.4914093

Release Data

Date of Release:	7/18/2008
Type of Release:	CRUDE OIL AND WATER
Source of Release:	AIR COMPRESSOR FAILED
Volume of Release:	10 BBLS WATER , 4 BBLS OIL
Volume Recovered:	0 BBLS WATER , 0 BBLS OIL

Remediation Specifications

Remediation Parameters:	This site is listed on the Agreed Compliance Order of 4/5/19. This site had previously been remediated but no paperwork existed for verification therefore, OXY performed confirmation sampling to verify remediation limits had been met. The enclosed site diagram depicts the spill area, excavation depths, and the confirmation sample points. OXY collected sidewall and bottom confirmation samples every 200 square feet .	
Remediation Activities:		
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	Closure photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report	
Notifications	7/25/2022	

Request for Closure

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

Cliff P. Brunson
President, BBC International, Inc.

11/2/2022

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

Incident ID	nSEB0826852231
District RP	
Facility ID	
Application ID	

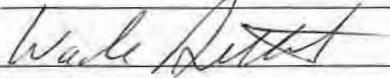
Closure

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: 8.30.22
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: OCD Date: 11/2/2022

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: 2/24/2023
 Printed Name: Ashley Maxwell Title: Environmental Specialist

From: [Cliff Brunson](#)
To: ["Enviro, OCD, EMNRD"](#)
Cc: ["Wade Dittrich"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); [Kathy Sweeney](#)
Subject: OXY - Righthand Canyon 34-1 Sat (nSEB0900840294) - Sampling Confirmation
Date: Monday, July 25, 2022 6:54:51 PM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Righthand Canyon 34-1 Sat (nSEB0900840294) (7/18/08) on Wednesday , July 27, 2022 at 1:30 p.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
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OXY-RIGHTHAND CANYON 34-1 SAT

LEAK DATE 9/7/2008
ID #nSEB0826852231
EDDY CO, NM

Legend

-  1 FT EXCAVATION
-  BOTTOM CONFIRMATION SAMPLE POINTS
-  LEAK AREA
-  SIDEWALL CONFIRMATION SAMPLE POINTS



RIGHTHAND CANYON 34-1 SAT (9/7/08)

SAMPLE DATE (7/27/22)

BS 1 @ 2'	N32.43156	W-104.9393
BS 2 @ 2'	N32.43155	W-104.49383
BS 3 @ 2'	N32.43155	W-104.49377
BS 4 @ 2'	N32.43150	W-104.49372
SW 1	N32.43154	W-104.49390
SW 2	N32.43156	W-104.49380
SW 3	N32.43151	W-10449371

	Sample ID	BS 1 @ 2'	BS 2 @ 2'	BS 3 @ 2'	BS 4 @ 2'
Analyte	Date	7/27/22	7/27/22	7/27/22	7/27/22
		mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300
Chloride		32.0	32.0	<16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0
EXT DRO		<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
Analyte	Date	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22
		mg/kg							
Benzene		<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Total Xylenes		<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075	<0.075
Total BTEX		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Chloride		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO		<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
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0



OXY – RIGHTHAND CAYON 34-1 SAT (9/07/08)





OXY – RIGHTHAND CAYON 34-1 SAT (9/07/08)





OXY – RIGHTHAND CAYON 34-1 SAT (9/07/08)





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

August 02, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RIGHT HAND CANYON 34-1 SAT (9/7/08)

Enclosed are the results of analyses for samples received by the laboratory on 07/28/22 16:45.

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.

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:	07/28/2022	Sampling Date:	07/27/2022
Reported:	08/02/2022	Sampling Type:	Soil
Project Name:	RIGHT HAND CANYON 34-1 SAT (9/7/08)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 1 @ 2' (H223345-01)

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	08/01/2022	ND	1.99	99.3	2.00	11.9	
Toluene*	<0.050	0.050	08/01/2022	ND	2.09	104	2.00	12.1	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.16	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.64	111	6.00	12.4	
Total BTEX	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/01/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	203	101	200	1.47	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	0.568	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 106 % 43-149

Surrogate: 1-Chlorooctadecane 117 % 42.5-161

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:	07/28/2022	Sampling Date:	07/27/2022
Reported:	08/02/2022	Sampling Type:	Soil
Project Name:	RIGHT HAND CANYON 34-1 SAT (9/7/08)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 2 @ 2' (H223345-02)

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	08/01/2022	ND	1.99	99.3	2.00	11.9	
Toluene*	<0.050	0.050	08/01/2022	ND	2.09	104	2.00	12.1	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.16	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.64	111	6.00	12.4	
Total BTEX	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/01/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	203	101	200	1.47	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	0.568	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 96.8 % 43-149

Surrogate: 1-Chlorooctadecane 106 % 42.5-161

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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:	07/28/2022	Sampling Date:	07/27/2022
Reported:	08/02/2022	Sampling Type:	Soil
Project Name:	RIGHT HAND CANYON 34-1 SAT (9/7/08)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 3 @ 2' (H223345-03)

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	08/01/2022	ND	1.99	99.3	2.00	11.9		
Toluene*	<0.050	0.050	08/01/2022	ND	2.09	104	2.00	12.1		
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.16	108	2.00	11.9		
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.64	111	6.00	12.4		
Total BTEX	<0.300	0.300	08/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/01/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	203	101	200	1.47		
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	0.568		
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND						

Surrogate: 1-Chlorooctane 78.5 % 43-149

Surrogate: 1-Chlorooctadecane 86.2 % 42.5-161

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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:	07/28/2022	Sampling Date:	07/27/2022
Reported:	08/02/2022	Sampling Type:	Soil
Project Name:	RIGHT HAND CANYON 34-1 SAT (9/7/08)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 4 @ 2' (H223345-04)

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	08/01/2022	ND	1.99	99.3	2.00	11.9		
Toluene*	<0.050	0.050	08/01/2022	ND	2.09	104	2.00	12.1		
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.16	108	2.00	11.9		
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.64	111	6.00	12.4		
Total BTEX	<0.300	0.300	08/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/01/2022	ND	432	108	400	3.64		

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	08/01/2022	ND	203	101	200	1.47		
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	0.568		
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND						

Surrogate: 1-Chlorooctane 93.7 % 43-149

Surrogate: 1-Chlorooctadecane 107 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Cliff Brunson
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Hobbs NM, 88241
Fax To: (575) 397-0397

Received:	07/28/2022	Sampling Date:	07/27/2022
Reported:	08/02/2022	Sampling Type:	Soil
Project Name:	RIGHT HAND CANYON 34-1 SAT (9/7/08)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 1 (H223345-05)

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	08/01/2022	ND	1.99	99.3	2.00	11.9	
Toluene*	<0.050	0.050	08/01/2022	ND	2.09	104	2.00	12.1	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.16	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.64	111	6.00	12.4	
Total BTEX	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2022	ND	432	108	400	3.64	

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	08/01/2022	ND	203	101	200	1.47	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	0.568	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 43-149

Surrogate: 1-Chlorooctadecane 100 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Fax To: (575) 397-0397

Received:	07/28/2022	Sampling Date:	07/27/2022
Reported:	08/02/2022	Sampling Type:	Soil
Project Name:	RIGHT HAND CANYON 34-1 SAT (9/7/08)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 2 (H223345-06)

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	08/01/2022	ND	1.99	99.3	2.00	11.9	
Toluene*	<0.050	0.050	08/01/2022	ND	2.09	104	2.00	12.1	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.16	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.64	111	6.00	12.4	
Total BTEX	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2022	ND	432	108	400	3.64	

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	08/02/2022	ND	203	101	200	1.47	
DRO >C10-C28*	<10.0	10.0	08/02/2022	ND	209	105	200	0.568	
EXT DRO >C28-C36	<10.0	10.0	08/02/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 43-149

Surrogate: 1-Chlorooctadecane 103 % 42.5-161

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* = 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:	07/28/2022	Sampling Date:	07/27/2022
Reported:	08/02/2022	Sampling Type:	Soil
Project Name:	RIGHT HAND CANYON 34-1 SAT (9/7/08)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 3 (H223345-07)

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	08/01/2022	ND	1.99	99.3	2.00	11.9	
Toluene*	<0.050	0.050	08/01/2022	ND	2.09	104	2.00	12.1	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.16	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.64	111	6.00	12.4	
Total BTEX	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/01/2022	ND	432	108	400	3.64	

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	08/02/2022	ND	203	101	200	1.47	
DRO >C10-C28*	<10.0	10.0	08/02/2022	ND	209	105	200	0.568	
EXT DRO >C28-C36	<10.0	10.0	08/02/2022	ND					

Surrogate: 1-Chlorooctane 98.7 % 43-149

Surrogate: 1-Chlorooctadecane 108 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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: RIGHTHAND CANYON 34-1 SAT (9/7/08)
 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 :					
H223345	BOTTOM SAMPLE 1 @ 2'	9	1							7/27/22	9:15AM	✓	✓	✓
	BOTTOM SAMPLE 2 @ 2'									7/27/22	9:33AM	✓	✓	✓
	BOTTOM SAMPLE 3 @ 2'									7/27/22	9:49AM	✓	✓	✓
	BOTTOM SAMPLE 4 @ 2'									7/27/22	10:09AM	✓	✓	✓
	SIDEWALL 1									7/27/22	10:23AM	✓	✓	✓
	SIDEWALL 2									7/27/22	10:39AM	✓	✓	✓
	SIDEWALL 3									7/27/22	10:52AM	✓	✓	✓

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Relinquished By: [Signature] Date: 7-28-22 Received By: [Signature] Date: 7-28-22
 Relinquished By: [Signature] Date: 7-28-22 Received By: [Signature] Date: 7-28-22
 Delivered By: (Circle One) [Signature] -9.8°C -0.0°C Sample Condition: Intact Cool Yes No
 Sampler - UPS - Bus - Other: [Signature] -10.4°C #113 Yes No

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

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 811 S. First St., Artesia, NM 88210
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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 155676

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 155676
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	2/24/2023