Closure Report

Site Description				
Site Name:	Red Tank 35 Fed #3 SWD Btry 1RP-3973, 4093, 4118, 4267, 4339, 4689			
Company:	Oxy USA Inc.			
Legal Description:	U/L L, Section 35, T22S, R32E			
County:	Lea County, NM			
GPS Coordinates:	N 32.34727° W-103.65088°			

Release Data				
Dates of Release:	10/14/15, 12/23/15, 1/18/16, 4/22/16, 6/21/16, 5/1/17			
Types of Release:	Oil and Produced water			
Sources of Release:	Varies with each leak			
Volumes of Release:	Multiple leaks			
Volumes Recovered:	Multiple leaks			

Remediation Specifications				
Remediation Parameters:	Various excavations were performed in accordance with the approved remediation plan. ***Please see the attached map. Requested confirmation samples were obtained and tested. The results are contained in this report.			
Remediation Activities:	2/8/19 to 4/22/19			
Plan Sent to OCD:	4/11/18	Email from Cliff Brunson to Olivia Yu		
OCD Approval of Plan:	4/24/18 Email from Olivia Yu to Cliff Brunson			
Plan Sent to BLM:	4/11/18 Email from Cliff Brunson to Shelly Tucker			
BLM Approval of Plan:	4/16/18	Email from Shelly Tucker to Cliff Brunson		

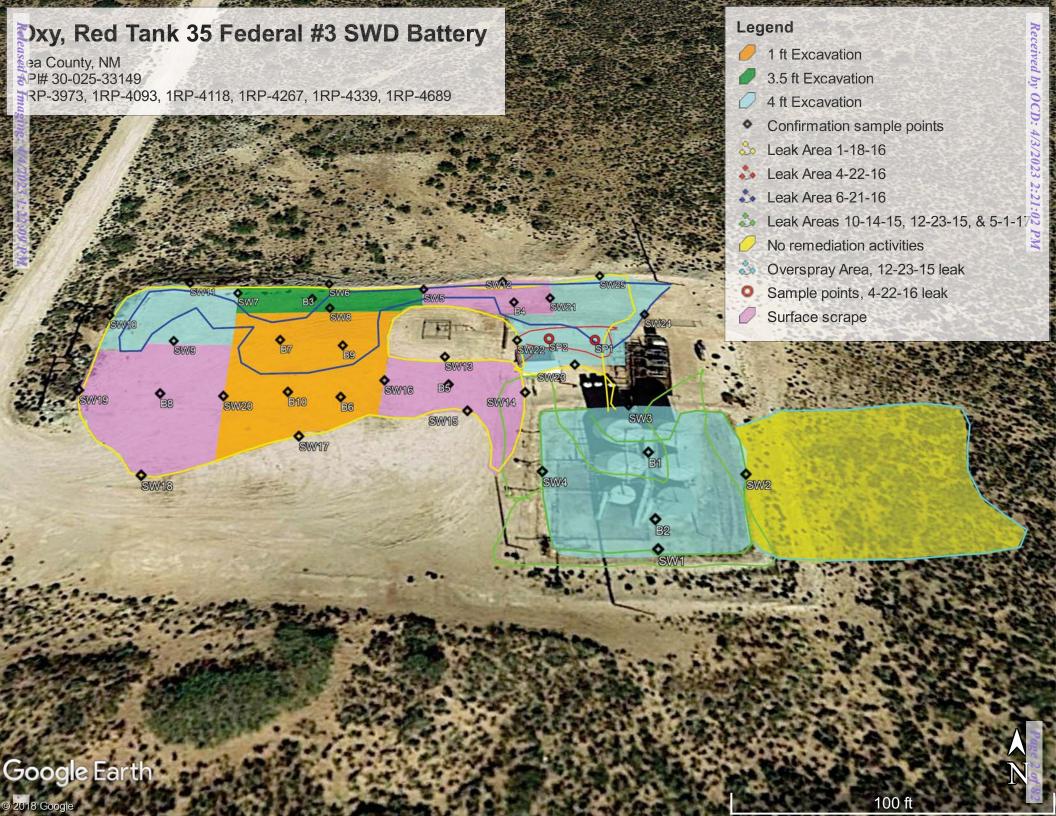
Supporting Documentation			
Initial C-141	Provided in the delineation workplan		
C-141s, page 6 Signed 4/29/19			
Site Diagram	April 2018		
Pictures	Remediation pictures prior to and after backfill		

Request for Closure

Based on the completion of the remediation plan, BBC International, Inc. requests closure approval from NMOCD.

Cliff Brunson, President, BBC International, Inc.

05/16/2019



Oxy, Red Tank 35 Fed #3 SWD Battery

Confirmation sample points

SW1, N 32.34690 W-103.65050 SW2, N 32.34701 W-103.65037 SW3, N 32.34712 W-103.65052 SW4, N 32.34702 W-103.65064 SW5, N 32.34737 W-103.65082 SW6, N 32.34739 W-103.65098 SW7, N 32.34737 W-103.65112 SW8, N 32.34733 W-103.65097 SW9, N 32.34726 W-103.65119 SW10, N 32.34732 W-103.65130 SW11, N 32.34739 W-103.65120 SW12, N 32.34739 W-103.65070 SW13, N 32.34722 W-103.65078 SW14, N 32.34715 W-103.65066 SW15, N 32.34712 W-103.65074 SW16, N 32.34718 W-103.65086 SW17, N 32.34708 W-103.65097 SW18, N 32.34701 W-103.65116 SW19, N 32.34716 W-103.65129 SW20, N 32.34715 W-103.65109 SW21, N 32.34735 W-103.65062 SW22, N 32.34725 W-103.65067 SW23, N 32.34720 W-103.65059 SW24, N 32.34731 W-103.65048 SW25, N 32.34731 W-103.65048

B1, N 32.34704 W-103.65050 B2, N 32.34694 W-103.65050 B3, N 32.34735 W-103.65100 B4, N 32.34734 W-103.65068 B5, N 32.34717 W-103.65077 B6, N 32.34715 W-103.65092 B7, N 32.34726 W-103.65103 B8, N 32.34715 W-103.65118 B9, N 32.34725 W-103.65093 B10, N 32.34715 W-103.65100

Laboratory Analytical Results Summary Red Tank 35 3 SWD Facility (6 leaks)

		Sample ID	SIDEWALL 1
Analyte	Method	Date	2/25/19
			mg/kg
Benzene	BTEX 8021B		< 0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		< 0.300
Chloride	SM4500CI-B		944
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SIDEWALL 2
Analyte	Method	Date	2/25/19
			mg/kg
Benzene	BTEX 8021B		< 0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		928
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SIDEWALL 3
Analyte	Method	Date	2/25/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		< 0.300
Chloride	SM4500CI-B		1040
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SIDEWALL 4
Analyte	Method	Date	2/25/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		1120
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SIDEWALL 5
Analyte	Method	Date	2/28/19
			mg/kg
Benzene	BTEX 8021B		< 0.050
Toluene	BTEX 8021B		< 0.050
Ethylbenzene	BTEX 8021B		< 0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		< 0.300
Chloride	SM4500CI-B		640
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SIDEWALL 6
Analyte	Method	Date	2/28/19
			mg/kg
Benzene	BTEX 8021B		< 0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		400
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SIDEWALL 7
Analyte	Method	Date	2/28/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		< 0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		< 0.300
Chloride	SM4500CI-B		224
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SIDEWALL 8
Analyte	Method	Date	2/28/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		< 0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		< 0.300
Chloride	SM4500CI-B		448
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

	1		
		Sample ID	SIDEWALL 9
Analyte	Method	Date	2/28/19
			mg/kg
Benzene	BTEX 8021B		< 0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		< 0.300
Chloride	SM4500CI-B		224
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

			SIDEWALL
		Sample ID	10
Analyte	Method	Date	2/28/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		544
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

			SIDEWALL
		Sample ID	11
Analyte	Method	Date	2/28/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		496
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

			SIDEWALL
		Sample ID	12
Analyte	Method	Date	3/19/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		16
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		I	SIDEWALL
		Sample ID	13
Analyte	Method	Date	3/19/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		< 0.300
Chloride	SM4500CI-B		16
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

			SIDEWALL
		Sample ID	_
		Sample ID	17
Analyte	Method	Date	3/19/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		< 0.300
Chloride	SM4500CI-B		16
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SIDEWALL 15
Analyte	Method	Date	3/19/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		32
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

			SIDEWALL
		Sample ID	16
Analyte	Method	Date	3/19/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		16
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

Laboratory Analytical Results Summary Red Tank 35 3 SWD Facility (6 leaks)

			SIDEWALL
		Sample ID	17
Analyte	Method	Date	3/19/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		16
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

			SIDEWALL
		Sample ID	18
Analyte	Method	Date	3/19/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		32
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SIDEWALL 19
Analyte	Method	Date	3/19/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		16
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		0I- ID	SIDEWALL 20
		Sample ID	20
Analyte	Method	Date	3/19/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		32
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

			SIDEWALL
		Sample ID	21
Analyte	Method	Date	4/15/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		32
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M	, and the second	<10.0

			SIDEWALL
		Sample ID	22
Analyte	Method	Date	4/15/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		< 0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		< 0.150
Total BTEX	BTEX 8021B		< 0.300
Chloride	SM4500CI-B		16
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SIDEWALL 23
Analyte	Method	Date	4/15/19
			mg/kg
Benzene	BTEX 8021B		< 0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		< 0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		< 0.300
Chloride	SM4500CI-B		32
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

			SIDEWALL
		Sample ID	24
Analyte	Method	Date	4/15/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		16
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

	Sample ID	SIDEWALL 25
Method	Date	4/15/19
		mg/kg
BTEX 8021B		<0.050
BTEX 8021B		<0.050
BTEX 8021B		<0.050
BTEX 8021B		<0.150
BTEX 8021B		<0.300
SM4500CI-B		16
TPH 8015M		<10.0
TPH 8015M		<10.0
TPH 8015M		<10.0
	BTEX 8021B BTEX 8021B BTEX 8021B BTEX 8021B BTEX 8021B BTEX 8021B SM4500Cl-B TPH 8015M TPH 8015M	Method Date BTEX 8021B BTEX 8021B BTEX 8021B BTEX 8021B BTEX 8021B BTEX 8021B SM4500Cl-B TPH 8015M TPH 8015M

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Laboratory Analytical Results Summary Red Tank 35 3 SWD Facility (6 leaks)

	1		
		Sample ID	воттом 1
Analyte	Method	Date	2/25/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		< 0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		1220
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	BOTTOM 2
Analyte	Method	Date	2/25/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		1040
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		80.2
EXT DRO	TPH 8015M		<10.0

		Sample ID	воттом з
Analyte	Method	Date	2/28/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		464
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	BOTTOM 4
Analyte	Method	Date	3/19/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		< 0.300
Chloride	SM4500CI-B		16
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	воттом 5
Analyte	Method	Date	3/19/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		16
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M	, and the second	<10.0

		Sample ID	ВОТТОМ 6
Analyte	Method	Date	3/19/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		32
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	воттом 7
Analyte	Method	Date	3/19/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		< 0.050
Ethylbenzene	BTEX 8021B		< 0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		48
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	воттом 8
Analyte	Method	Date	3/19/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		< 0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		16
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	воттом 9
Analyte	Method	Date	4/15/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		16
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		0	POTTOM 40
		Sample ID	BOTTOM 10
Analyte	Method	Date	4/15/19
			mg/kg
Benzene	BTEX 8021B		< 0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		16
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

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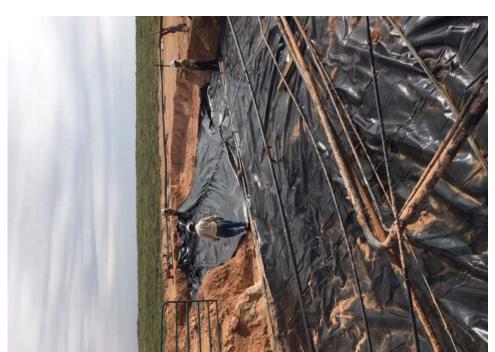








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February 27, 2019

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 35 FED #3 SWD

Enclosed are the results of analyses for samples received by the laboratory on 02/26/19 9:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 02/26/2019 Sampling Date: 02/25/2019

Reported: 02/27/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: OXY - LEA COUNTY, NM

mg/kg

Sample ID: SIDEWALL 1 (H900715-01)

BTEX 8021B

DILX 0021D	ilig	/ Ng	Allalyze	u by. 143					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2019	ND	1.94	97.0	2.00	2.34	
Toluene*	<0.050	0.050	02/26/2019	ND	2.15	108	2.00	1.81	
Ethylbenzene*	<0.050	0.050	02/26/2019	ND	2.20	110	2.00	2.27	
Total Xylenes*	<0.150	0.150	02/26/2019	ND	6.35	106	6.00	2.82	
Total BTEX	<0.300	0.300	02/26/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	02/26/2019	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2019	ND	191	95.6	200	3.09	
DRO >C10-C28*	<10.0	10.0	02/26/2019	ND	194	97.1	200	5.94	
EXT DRO >C28-C36	<10.0	10.0	02/26/2019	ND					
Surrogate: 1-Chlorooctane	90.3	% 41-142	•						
Surrogate: 1-Chlorooctadecane	101	% 37.6-14	7						

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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: 02/26/2019 Sampling Date: 02/25/2019

Reported: 02/27/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - LEA COUNTY, NM

Sample ID: SIDEWALL 2 (H900715-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2019	ND	1.94	97.0	2.00	2.34	
Toluene*	<0.050	0.050	02/26/2019	ND	2.15	108	2.00	1.81	
Ethylbenzene*	<0.050	0.050	02/26/2019	ND	2.20	110	2.00	2.27	
Total Xylenes*	<0.150	0.150	02/26/2019	ND	6.35	106	6.00	2.82	
Total BTEX	<0.300	0.300	02/26/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	02/26/2019	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2019	ND	191	95.6	200	3.09	
DRO >C10-C28*	<10.0	10.0	02/26/2019	ND	194	97.1	200	5.94	
EXT DRO >C28-C36	<10.0	10.0	02/26/2019	ND					
Surrogate: 1-Chlorooctane	88.6	% 41-142	?						
Surrogate: 1-Chlorooctadecane	90.6	% 37.6-14	7						

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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: 02/26/2019 Sampling Date: 02/25/2019

Reported: 02/27/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - LEA COUNTY, NM

Sample ID: SIDEWALL 3 (H900715-03)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2019	ND	1.94	97.0	2.00	2.34	
Toluene*	<0.050	0.050	02/26/2019	ND	2.15	108	2.00	1.81	
Ethylbenzene*	<0.050	0.050	02/26/2019	ND	2.20	110	2.00	2.27	
Total Xylenes*	<0.150	0.150	02/26/2019	ND	6.35	106	6.00	2.82	
Total BTEX	<0.300	0.300	02/26/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	02/26/2019	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2019	ND	191	95.6	200	3.09	
DRO >C10-C28*	<10.0	10.0	02/26/2019	ND	194	97.1	200	5.94	
EXT DRO >C28-C36	<10.0	10.0	02/26/2019	ND					
Surrogate: 1-Chlorooctane	82.2	% 41-142	?						
Surrogate: 1-Chlorooctadecane	83.5	% 37.6-14	7						

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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: 02/26/2019 Sampling Date: 02/25/2019

Reported: 02/27/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker NONE GIVEN

Project Location: OXY - LEA COUNTY, NM

Sample ID: SIDEWALL 4 (H900715-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2019	ND	1.94	97.0	2.00	2.34	
Toluene*	<0.050	0.050	02/26/2019	ND	2.15	108	2.00	1.81	
Ethylbenzene*	<0.050	0.050	02/26/2019	ND	2.20	110	2.00	2.27	
Total Xylenes*	<0.150	0.150	02/26/2019	ND	6.35	106	6.00	2.82	
Total BTEX	<0.300	0.300	02/26/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	02/26/2019	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2019	ND	191	95.6	200	3.09	
DRO >C10-C28*	<10.0	10.0	02/26/2019	ND	194	97.1	200	5.94	
EXT DRO >C28-C36	<10.0	10.0	02/26/2019	ND					
Surrogate: 1-Chlorooctane	75.5	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	76.6	% 37.6-14	7						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 02/26/2019 Sampling Date: 02/25/2019

Reported: 02/27/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: OXY - LEA COUNTY, NM

Sample ID: BOTTOM 1 (H900715-05)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2019	ND	1.94	97.0	2.00	2.34	
Toluene*	<0.050	0.050	02/26/2019	ND	2.15	108	2.00	1.81	
Ethylbenzene*	<0.050	0.050	02/26/2019	ND	2.20	110	2.00	2.27	
Total Xylenes*	<0.150	0.150	02/26/2019	ND	6.35	106	6.00	2.82	
Total BTEX	<0.300	0.300	02/26/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	02/26/2019	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2019	ND	191	95.6	200	3.09	
DRO >C10-C28*	<10.0	10.0	02/26/2019	ND	194	97.1	200	5.94	
EXT DRO >C28-C36	<10.0	10.0	02/26/2019	ND					
Surrogate: 1-Chlorooctane	93.5	% 41-142	!						
Surrogate: 1-Chlorooctadecane	95.3	% 37.6-14	7						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 02/26/2019 Sampling Date: 02/25/2019

Reported: 02/27/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - LEA COUNTY, NM

Sample ID: BOTTOM 2 (H900715-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2019	ND	1.94	97.0	2.00	2.34	
Toluene*	<0.050	0.050	02/26/2019	ND	2.15	108	2.00	1.81	
Ethylbenzene*	<0.050	0.050	02/26/2019	ND	2.20	110	2.00	2.27	
Total Xylenes*	<0.150	0.150	02/26/2019	ND	6.35	106	6.00	2.82	
Total BTEX	<0.300	0.300	02/26/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	02/26/2019	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2019	ND	191	95.6	200	3.09	
DRO >C10-C28*	80.2	10.0	02/26/2019	ND	194	97.1	200	5.94	
EXT DRO >C28-C36	<10.0	10.0	02/26/2019	ND					
Surrogate: 1-Chlorooctane	95.3 9	6 41-142	!						
Surrogate: 1-Chlorooctadecane	101 %	6 37.6-14	7						

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Celey D. Keene



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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W. N. Carlotte	Company:	V)lamest m	
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In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, so resuccessors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim IQUIShed By:	loss of use, or loss of profits incurred by client, its subsidiarie	applicable s.	
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Cardinal cannot accept verbal changes. Please fax written changes to t	enancial was considered and an arranged and	aven week, theyen king	the Later of the second of the



March 04, 2019

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 35 FED #3 SWD

Enclosed are the results of analyses for samples received by the laboratory on 03/01/19 8:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/01/2019 Sampling Date: 02/28/2019

Reported: 03/04/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - LEA COUNTY, NM

Sample ID: SIDEWALL 5 (H900804-01)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/02/2019	ND	2.19	109	2.00	1.47	
Toluene*	<0.050	0.050	03/02/2019	ND	2.05	102	2.00	2.22	
Ethylbenzene*	<0.050	0.050	03/02/2019	ND	2.14	107	2.00	1.98	
Total Xylenes*	<0.150	0.150	03/02/2019	ND	6.43	107	6.00	1.48	
Total BTEX	<0.300	0.300	03/02/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	03/02/2019	ND	432	108	400	3.64	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/02/2019	ND	199	99.4	200	0.0574	
DRO >C10-C28*	<10.0	10.0	03/02/2019	ND	212	106	200	13.6	
EXT DRO >C28-C36	<10.0	10.0	03/02/2019	ND					
Surrogate: 1-Chlorooctane	98.5	% 41-142	?						
Surrogate: 1-Chlorooctadecane	101	% 37.6-14	7						

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/01/2019 Sampling Date: 02/28/2019

Reported: 03/04/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: OXY - LEA COUNTY, NM

Sample ID: SIDEWALL 6 (H900804-02)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/02/2019	ND	2.19	109	2.00	1.47	
Toluene*	<0.050	0.050	03/02/2019	ND	2.05	102	2.00	2.22	
Ethylbenzene*	<0.050	0.050	03/02/2019	ND	2.14	107	2.00	1.98	
Total Xylenes*	<0.150	0.150	03/02/2019	ND	6.43	107	6.00	1.48	
Total BTEX	<0.300	0.300	03/02/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	03/02/2019	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/02/2019	ND	199	99.4	200	0.0574	
DRO >C10-C28*	<10.0	10.0	03/02/2019	ND	212	106	200	13.6	
EXT DRO >C28-C36	<10.0	10.0	03/02/2019	ND					
Surrogate: 1-Chlorooctane	103 9	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	106 9	37.6-14	7						

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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: 03/01/2019 Sampling Date: 02/28/2019

Reported: 03/04/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: OXY - LEA COUNTY, NM

Sample ID: SIDEWALL 7 (H900804-03)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/02/2019	ND	2.19	109	2.00	1.47	
Toluene*	<0.050	0.050	03/02/2019	ND	2.05	102	2.00	2.22	
Ethylbenzene*	<0.050	0.050	03/02/2019	ND	2.14	107	2.00	1.98	
Total Xylenes*	<0.150	0.150	03/02/2019	ND	6.43	107	6.00	1.48	
Total BTEX	<0.300	0.300	03/02/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/02/2019	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/02/2019	ND	199	99.4	200	0.0574	
DRO >C10-C28*	<10.0	10.0	03/02/2019	ND	212	106	200	13.6	
EXT DRO >C28-C36	<10.0	10.0	03/02/2019	ND					
Surrogate: 1-Chlorooctane	93.8	% 41-142	!						
Surrogate: 1-Chlorooctadecane	99.4	% 37.6-14	7						

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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: 03/01/2019 Sampling Date: 02/28/2019

Reported: 03/04/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: OXY - LEA COUNTY, NM

mg/kg

Sample ID: SIDEWALL 8 (H900804-04)

BTEX 8021B

	9/	9	7	7:					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/02/2019	ND	2.19	109	2.00	1.47	
Toluene*	<0.050	0.050	03/02/2019	ND	2.05	102	2.00	2.22	
Ethylbenzene*	<0.050	0.050	03/02/2019	ND	2.14	107	2.00	1.98	
Total Xylenes*	<0.150	0.150	03/02/2019	ND	6.43	107	6.00	1.48	
Total BTEX	<0.300	0.300	03/02/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	03/02/2019	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/02/2019	ND	199	99.4	200	0.0574	
DRO >C10-C28*	<10.0	10.0	03/02/2019	ND	212	106	200	13.6	
EXT DRO >C28-C36	<10.0	10.0	03/02/2019	ND					
Surrogate: 1-Chlorooctane	96.2	% 41-142	?						
Surrogate: 1-Chlorooctadecane	101	% 37.6-14	7						

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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: 03/01/2019 Sampling Date: 02/28/2019

Reported: 03/04/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: OXY - LEA COUNTY, NM

Sample ID: SIDEWALL 9 (H900804-05)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/02/2019	ND	2.19	109	2.00	1.47	
Toluene*	<0.050	0.050	03/02/2019	ND	2.05	102	2.00	2.22	
Ethylbenzene*	<0.050	0.050	03/02/2019	ND	2.14	107	2.00	1.98	
Total Xylenes*	<0.150	0.150	03/02/2019	ND	6.43	107	6.00	1.48	
Total BTEX	<0.300	0.300	03/02/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/02/2019	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/02/2019	ND	199	99.4	200	0.0574	
DRO >C10-C28*	<10.0	10.0	03/02/2019	ND	212	106	200	13.6	
EXT DRO >C28-C36	<10.0	10.0	03/02/2019	ND					
Surrogate: 1-Chlorooctane	98.0	% 41-142	1						
Surrogate: 1-Chlorooctadecane	101 9	% 37.6-14	7						

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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: 03/01/2019 Sampling Date: 02/28/2019

Reported: 03/04/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: OXY - LEA COUNTY, NM

Sample ID: SIDEWALL 10 (H900804-06)

RTFY 8021R

Limit Analyzed 0 03/02/2019 0 03/02/2019	Method Blank ND ND	BS 2.19	% Recovery	True Value QC	RPD	Qualifier
03/02/2019			109	2 00		
,.,	ND			2.00	1.47	
02/02/2010		2.05	102	2.00	2.22	
03/02/2019	ND	2.14	107	2.00	1.98	
03/02/2019	ND	6.43	107	6.00	1.48	
03/02/2019	ND					
3.3-129						
Analyze	ed By: AC					
Limit Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
03/02/2019	ND	432	108	400	3.64	
Analyze	ed By: MS					
Limit Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
03/02/2019	ND	199	99.4	200	0.0574	
03/02/2019	ND	212	106	200	13.6	
03/02/2019	ND					
41-142						
	Limit Analyzed 03/02/2019 03/02/2019	03/02/2019 ND 03/02/2019 ND 03/02/2019 ND	Limit Analyzed Method Blank BS 03/02/2019 ND 199 03/02/2019 ND 212 03/02/2019 ND 41-142	Limit Analyzed Method Blank BS % Recovery 03/02/2019 ND 199 99.4 03/02/2019 ND 212 106 03/02/2019 ND	Limit Analyzed Method Blank BS % Recovery True Value QC 03/02/2019 ND 199 99.4 200 03/02/2019 ND 212 106 200 03/02/2019 ND	Limit Analyzed Method Blank BS % Recovery True Value QC RPD 03/02/2019 ND 199 99.4 200 0.0574 03/02/2019 ND 212 106 200 13.6 03/02/2019 ND

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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: 03/01/2019 Sampling Date: 02/28/2019

Reported: 03/04/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: OXY - LEA COUNTY, NM

Sample ID: SIDEWALL 11 (H900804-07)

RTFY 8021R

Result	Reporting Limit	Analyzed						
		Allalyzeu	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
< 0.050	0.050	03/02/2019	ND	2.19	109	2.00	1.47	
<0.050	0.050	03/02/2019	ND	2.05	102	2.00	2.22	
<0.050	0.050	03/02/2019	ND	2.14	107	2.00	1.98	
<0.150	0.150	03/02/2019	ND	6.43	107	6.00	1.48	
<0.300	0.300	03/02/2019	ND					
96.2	% 73.3-12	9						
mg/	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
496	16.0	03/02/2019	ND	432	108	400	3.64	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	03/02/2019	ND	199	99.4	200	0.0574	
<10.0	10.0	03/02/2019	ND	212	106	200	13.6	
<10.0	10.0	03/02/2019	ND					
98.4	% 41-142	,						
102 9	% 37.6-14	7						
	<0.050 <0.150 <0.300 96.2 mg/ Result 496 mg/ Result <10.0 <10.0 98.4	<0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300 96.2 % 73.3-12 mg/kg	<0.050 0.050 03/02/2019 <0.050 0.050 03/02/2019 <0.150 0.150 03/02/2019 <0.300 0.300 03/02/2019	<0.050	<0.050	<0.050	<0.050	<0.050

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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: 03/01/2019 Sampling Date: 02/28/2019

Reported: 03/04/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: OXY - LEA COUNTY, NM

ma/ka

Sample ID: BOTTOM 3 (H900804-08)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	DC	0.5			
<0.050			riculou blank	BS	% Recovery	True Value QC	RPD	Qualifier
	0.050	03/02/2019	ND	2.19	109	2.00	1.47	
<0.050	0.050	03/02/2019	ND	2.05	102	2.00	2.22	
<0.050	0.050	03/02/2019	ND	2.14	107	2.00	1.98	
<0.150	0.150	03/02/2019	ND	6.43	107	6.00	1.48	
<0.300	0.300	03/02/2019	ND					
96.2	% 73.3-12	9						
mg/	kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
464	16.0	03/02/2019	ND	432	108	400	3.64	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	03/02/2019	ND	199	99.4	200	0.0574	
<10.0	10.0	03/02/2019	ND	212	106	200	13.6	
<10.0	10.0	03/02/2019	ND					
97.2	% 41-142							
1010	27	7						
	mg/ Result <10.0 <10.0 <10.0	mg/kg Result Reporting Limit <10.0	mg/kg Analyzed Result Reporting Limit Analyzed <10.0	mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0	mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <10.0

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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.

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

QM-07

** 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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(605) 393-2326 FAX (605) 393-2476 Company Name: BBC International, Inc.	
Project Manager: Cliff Brunson	P.O. # ANALYSIS REQUEST
Address: P.O. Box 805	
City: Hobbs State: NM Zip: 88241	Company: OXa
Phono #: 575_397_6388	Attn: - Woods
Project to	Address:
Project Name: Ren Tank 3 - 5 - 3 01 1	City:
Project Location.	State: Zip:
Sampler Name: D-0-4 11-446	Phone #: Fax #:
Lab I.D. Sample I.D. H900 804 Colombia Schwall 5 Colombia Schwall 7 Colombia Schwall 7 Colombia Schwall 9 Colombia Schwa	PRESERV. SAMPLING January Janua
EASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or t alyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and recover. In no event shall Cardinal be liable for incidental or consequental demages, including without limitation, business interruptions, loss liastes or successors arising out of or related to the performance of services hereunder by Cardinal regardless of whether such daim is be ellinquished By: Date: 79.19 Received By:	caived by Cardinal within 30 days after completion of the applicable
Date: 1-19 Received By: Delivered By: (Circle One) Sample Condition Cool Intact Fire Free Fire	CHECKED BY:) (Initials)

Released to Imaging: 4/4/2023 1:22:09 PM

[†] Cardinal cannot accept verbal changes. Please fax written changes to 595-393-2476



March 22, 2019

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 35 FED #3 SWD

Enclosed are the results of analyses for samples received by the laboratory on 03/20/19 11:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/20/2019 Sampling Date: 03/19/2019

Reported: 03/22/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: OXY - LEA COUNTY, NM

mg/kg

Sample ID: SIDEWALL 12 (H901072-01)

BTEX 8021B

DILX 0021D	ilig	r kg	Allalyze	a by. IIIs					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2019	ND	2.03	102	2.00	0.832	
Toluene*	<0.050	0.050	03/21/2019	ND	1.90	95.2	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/21/2019	ND	1.99	99.6	2.00	1.04	
Total Xylenes*	<0.150	0.150	03/21/2019	ND	6.06	101	6.00	2.51	
Total BTEX	<0.300	0.300	03/21/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/21/2019	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2019	ND	206	103	200	6.02	
DRO >C10-C28*	<10.0	10.0	03/21/2019	ND	209	105	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/21/2019	ND					
Surrogate: 1-Chlorooctane	113	% 41-142	?						
Surrogate: 1-Chlorooctadecane	111 9	% 37.6-14	7						

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Celeg D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/20/2019 Sampling Date: 03/19/2019

Reported: 03/22/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: OXY - LEA COUNTY, NM

Sample ID: SIDEWALL 13 (H901072-02)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2019	ND	2.03	102	2.00	0.832	
Toluene*	<0.050	0.050	03/21/2019	ND	1.90	95.2	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/21/2019	ND	1.99	99.6	2.00	1.04	
Total Xylenes*	<0.150	0.150	03/21/2019	ND	6.06	101	6.00	2.51	
Total BTEX	<0.300	0.300	03/21/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/21/2019	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2019	ND	206	103	200	6.02	
DRO >C10-C28*	<10.0	10.0	03/21/2019	ND	209	105	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/21/2019	ND					
Surrogate: 1-Chlorooctane	113 %	6 41-142							
Surrogate: 1-Chlorooctadecane	114 %	6 37.6-14	7						

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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: 03/20/2019 Sampling Date: 03/19/2019

Reported: 03/22/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: OXY - LEA COUNTY, NM

Sample ID: SIDEWALL 14 (H901072-03)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2019	ND	2.03	102	2.00	0.832	
Toluene*	<0.050	0.050	03/21/2019	ND	1.90	95.2	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/21/2019	ND	1.99	99.6	2.00	1.04	
Total Xylenes*	<0.150	0.150	03/21/2019	ND	6.06	101	6.00	2.51	
Total BTEX	<0.300	0.300	03/21/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/21/2019	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2019	ND	206	103	200	6.02	
DRO >C10-C28*	<10.0	10.0	03/21/2019	ND	209	105	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/21/2019	ND					
Surrogate: 1-Chlorooctane	110	% 41-142	•						
Surrogate: 1-Chlorooctadecane	111	% 37.6-14	7						

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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: 03/20/2019 Sampling Date: 03/19/2019

Reported: 03/22/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: OXY - LEA COUNTY, NM

Sample ID: SIDEWALL 15 (H901072-04)

BTEX 8021B	mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2019	ND	2.03	102	2.00	0.832	
Toluene*	<0.050	0.050	03/21/2019	ND	1.90	95.2	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/21/2019	ND	1.99	99.6	2.00	1.04	
Total Xylenes*	<0.150	0.150	03/21/2019	ND	6.06	101	6.00	2.51	
Total BTEX	<0.300	0.300	03/21/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 73.3-12	9						
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	03/21/2019	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	03/21/2019	ND	206	103	200	6.02	
DRO >C10-C28*	<10.0	10.0	03/21/2019	ND	209	105	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/21/2019	ND					
Surrogate: 1-Chlorooctane	105 %	% 41-142	!						
Surrogate: 1-Chlorooctadecane	106 9	37.6-14	7						

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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: 03/20/2019 Sampling Date: 03/19/2019

Reported: 03/22/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: OXY - LEA COUNTY, NM

Sample ID: SIDEWALL 16 (H901072-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2019	ND	2.03	102	2.00	0.832	
Toluene*	<0.050	0.050	03/21/2019	ND	1.90	95.2	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/21/2019	ND	1.99	99.6	2.00	1.04	
Total Xylenes*	<0.150	0.150	03/21/2019	ND	6.06	101	6.00	2.51	
Total BTEX	<0.300	0.300	03/21/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/21/2019	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2019	ND	206	103	200	6.02	
DRO >C10-C28*	<10.0	10.0	03/21/2019	ND	209	105	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/21/2019	ND					
Surrogate: 1-Chlorooctane	105	% 41-142	?						
Surrogate: 1-Chlorooctadecane	103	% 37.6-14	7						

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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: 03/20/2019 Sampling Date: 03/19/2019

Reported: 03/22/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: OXY - LEA COUNTY, NM

Sample ID: SIDEWALL 17 (H901072-06)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2019	ND	2.03	102	2.00	0.832	
Toluene*	<0.050	0.050	03/21/2019	ND	1.90	95.2	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/21/2019	ND	1.99	99.6	2.00	1.04	
Total Xylenes*	<0.150	0.150	03/21/2019	ND	6.06	101	6.00	2.51	
Total BTEX	<0.300	0.300	03/21/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.7	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/21/2019	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2019	ND	206	103	200	6.02	
DRO >C10-C28*	<10.0	10.0	03/21/2019	ND	209	105	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/21/2019	ND					
Surrogate: 1-Chlorooctane	104 9	% 41-142	!						
Surrogate: 1-Chlorooctadecane	103 9	37.6-14	7						

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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: 03/20/2019 Sampling Date: 03/19/2019

Reported: 03/22/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: OXY - LEA COUNTY, NM

Sample ID: SIDEWALL 18 (H901072-07)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2019	ND	2.03	102	2.00	0.832	
Toluene*	< 0.050	0.050	03/21/2019	ND	1.90	95.2	2.00	1.51	
Ethylbenzene*	< 0.050	0.050	03/21/2019	ND	1.99	99.6	2.00	1.04	
Total Xylenes*	<0.150	0.150	03/21/2019	ND	6.06	101	6.00	2.51	
Total BTEX	<0.300	0.300	03/21/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/21/2019	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2019	ND	206	103	200	6.02	
DRO >C10-C28*	<10.0	10.0	03/21/2019	ND	209	105	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/21/2019	ND					
Surrogate: 1-Chlorooctane	116 %	6 41-142	1						
Surrogate: 1-Chlorooctadecane	114 %	6 37.6-14	7						

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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: 03/20/2019 Sampling Date: 03/19/2019

Reported: 03/22/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: OXY - LEA COUNTY, NM

Sample ID: SIDEWALL 19 (H901072-08)

RTFY 8021R

Result < 0.050 < 0.050	Reporting Limit 0.050	Analyzed 03/21/2019	Method Blank	BS 2.03	% Recovery	True Value QC	RPD	Qualifier
		03/21/2019	ND	2 03	100			
<0.050				2.03	102	2.00	0.832	
	0.050	03/21/2019	ND	1.90	95.2	2.00	1.51	
< 0.050	0.050	03/21/2019	ND	1.99	99.6	2.00	1.04	
<0.150	0.150	03/21/2019	ND	6.06	101	6.00	2.51	
<0.300	0.300	03/21/2019	ND					
96.0	% 73.3-12	9						
mg	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
16.0	16.0	03/21/2019	ND	416	104	400	0.00	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	03/21/2019	ND	206	103	200	6.02	
<10.0	10.0	03/21/2019	ND	209	105	200	5.27	
10.0	10.0	03/21/2019	ND					
<10.0								
<10.0		!						
	Result 16.0 mg/	mg/kg Result Reporting Limit 16.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0	mg/kg Analyzed Result Reporting Limit Analyzed 16.0 03/21/2019 mg/kg Analyzed Result Reporting Limit Analyzed <10.0	mg/kg Analyzed Method Blank Result Reporting Limit Analyzed Method Blank 16.0 03/21/2019 ND Method Blank Result Reporting Limit Analyzed Method Blank <10.0	mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS 16.0 16.0 03/21/2019 ND 416 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	mg / kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery 16.0 16.0 03/21/2019 ND 416 104 mg / kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 16.0 16.0 03/21/2019 ND 416 104 400 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 16.0 16.0 03/21/2019 ND 416 104 400 0.00 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <10.0

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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: 03/20/2019 Sampling Date: 03/19/2019

Reported: 03/22/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: OXY - LEA COUNTY, NM

Sample ID: SIDEWALL 20 (H901072-09)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2019	ND	2.03	102	2.00	0.832	
Toluene*	<0.050	0.050	03/21/2019	ND	1.90	95.2	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/21/2019	ND	1.99	99.6	2.00	1.04	
Total Xylenes*	<0.150	0.150	03/21/2019	ND	6.06	101	6.00	2.51	
Total BTEX	<0.300	0.300	03/21/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/21/2019	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2019	ND	206	103	200	6.02	
DRO >C10-C28*	<10.0	10.0	03/21/2019	ND	209	105	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/21/2019	ND					
Surrogate: 1-Chlorooctane	85.9	% 41-142							
Surrogate: 1-Chlorooctadecane	82.8	% 37.6-14	7						

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Celeg D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/20/2019 Sampling Date: 03/19/2019

Reported: 03/22/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: OXY - LEA COUNTY, NM

Sample ID: BOTTOM 4 (H901072-10)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2019	ND	2.03	102	2.00	0.832	
Toluene*	<0.050	0.050	03/21/2019	ND	1.90	95.2	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/21/2019	ND	1.99	99.6	2.00	1.04	
Total Xylenes*	<0.150	0.150	03/21/2019	ND	6.06	101	6.00	2.51	
Total BTEX	<0.300	0.300	03/21/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/21/2019	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2019	ND	206	103	200	6.02	
DRO >C10-C28*	<10.0	10.0	03/21/2019	ND	209	105	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/21/2019	ND					
Surrogate: 1-Chlorooctane	99.9	% 41-142	!						
Surrogate: 1-Chlorooctadecane	101 9	37.6-14	7						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/20/2019 Sampling Date: 03/19/2019

Reported: Sampling Type: Soil 03/22/2019

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: OXY - LEA COUNTY, NM

Sample ID: BOTTOM 5 (H901072-11)

BTEX 8021B	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2019	ND	2.03	102	2.00	0.832	
Toluene*	<0.050	0.050	03/21/2019	ND	1.90	95.2	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/21/2019	ND	1.99	99.6	2.00	1.04	
Total Xylenes*	<0.150	0.150	03/21/2019	ND	6.06	101	6.00	2.51	
Total BTEX	<0.300	0.300	03/21/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/21/2019	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2019	ND	206	103	200	6.02	
DRO >C10-C28*	<10.0	10.0	03/21/2019	ND	209	105	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/21/2019	ND					
Surrogate: 1-Chlorooctane	116 9	% 41-142							
Surrogate: 1-Chlorooctadecane	115 9	% 37.6-14	7						

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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: 03/20/2019 Sampling Date: 03/19/2019

Reported: 03/22/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: OXY - LEA COUNTY, NM

ma/ka

Sample ID: BOTTOM 6 (H901072-12)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2019	ND	2.03	102	2.00	0.832	
Toluene*	<0.050	0.050	03/21/2019	ND	1.90	95.2	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/21/2019	ND	1.99	99.6	2.00	1.04	
Total Xylenes*	<0.150	0.150	03/21/2019	ND	6.06	101	6.00	2.51	
Total BTEX	<0.300	0.300	03/21/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/21/2019	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2019	ND	206	103	200	6.02	
DRO >C10-C28*	<10.0	10.0	03/21/2019	ND	209	105	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/21/2019	ND					
Surrogate: 1-Chlorooctane	103	% 41-142	•						
Surrogate: 1-Chlorooctadecane	102	% 37.6-14	7						

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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: 03/20/2019 Sampling Date: 03/19/2019

Reported: 03/22/2019 Sampling Type: Soil

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: OXY - LEA COUNTY, NM

ma/ka

Sample ID: BOTTOM 7 (H901072-13)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2019	ND	2.03	102	2.00	0.832	
Toluene*	<0.050	0.050	03/21/2019	ND	1.90	95.2	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/21/2019	ND	1.99	99.6	2.00	1.04	
Total Xylenes*	<0.150	0.150	03/21/2019	ND	6.06	101	6.00	2.51	
Total BTEX	<0.300	0.300	03/21/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/21/2019	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/20/2019	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	03/20/2019	ND	206	103	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	03/20/2019	ND					
Surrogate: 1-Chlorooctane	109	% 41-142	,						
Surrogate: 1-Chlorooctadecane	99.9	% 37.6-14	7						

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Celeg D. Freene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/20/2019 Sampling Date: 03/19/2019

Reported: Sampling Type: Soil 03/22/2019

Project Name: RED TANK 35 FED #3 SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: OXY - LEA COUNTY, NM

Sample ID: BOTTOM 8 (H901072-14)

BTEX 8021B	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2019	ND	2.03	102	2.00	0.832	
Toluene*	<0.050	0.050	03/21/2019	ND	1.90	95.2	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/21/2019	ND	1.99	99.6	2.00	1.04	
Total Xylenes*	<0.150	0.150	03/21/2019	ND	6.06	101	6.00	2.51	
Total BTEX	<0.300	0.300	03/21/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/21/2019	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/20/2019	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	03/20/2019	ND	206	103	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	03/20/2019	ND					
Surrogate: 1-Chlorooctane	100 9	% 41-142							
Surrogate: 1-Chlorooctadecane	92.2	% 37.6-14	7						

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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

ecovery.

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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Celeg D. Keene

Received by OCD: 4/3/2023 2:21:02 PM

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ST \08

	(505) 393-2326 FAX (505) 393-247	76																					
Company Name	BBC International, Inc.									1	BI	LL TO					ANA	LYSIS	RE	QUE	ST		\neg
Project Manage	r: Cliff Brunson							P.	0. #	:													П
Address: P.O	. Box 805							C	omp	any	:	OXY		1			1						
city: Hobbs	State: NM	Zij	p:	882	41			At	tn:		V	J. Noth	ich	1									
Phone #: 575-	397-6388 Fax #: 575	-39	7-0	39	7			Ad	idre	ss:													
Project #:	Project Owne	r:						Ci	ty:					1									
Project Name:	Red Tank 35 Federal #3 SWD							St	ate:			Zip:		1									
Project Location	n: Lea County, NM							Př	one	#:				1									
Sampler Name:	Roger Hernandez							Fa	x #:					1									
FOR LAB USE ONLY		T.,	Т	Г		MATE	RIX		PR	ESE	RV.	SAMPL	ING	1									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	CE / COOL	OTHER:	DATE	TIME	67EX	17	TPHEKT							
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5	SIDEWALL 16	П	Ц									3/19/19	1:20 PM	1	1	1							
6	SIDEWALL 17	Ш	П	L								3/19/19	1:30 PM	1	1	1							
7	SIDEWALL 18	Ц	П	L			1					3/19/19	1:40 PM	1	1	1							
	SIDEWALL 19	П	П				1					3/19/19	1:50 PM	1	1	1							
	SIDEWALL 20	U	Ш	L							_	3/19/19	1:55 PM	1	1	1							
10	BOTTOM 4	A	V			V				V	- 1	3/19/19	2:00 PM	1	1	1							

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Relinguished By:	Date:	Received By:	and the same and t	Phone Result:	□ Yes	□ No	Add'l Phone #:
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Sampler - UPS - Bus - Other:	110	#97 Tyes Tyes	10				
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[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Received by OCD: 4/3/2023 2:21:02 PM

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

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RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(505) 393-2326 FAX (505) 393-24	476																						
Company Nam	e: BBC International, Inc.									В	IL	L TO	May apply	li .				ANA	LYSIS	S RE	QUE	ST		 _
Project Manage	er: Cliff Brunson							P.(O. #:					П				-			T		Т	
Address: P.O). Box 805							Co	mpa	any:	(DKA		1										
city: Hobbs	State: NM	Zi	p: {	882	41			Att		U	J.	NATIO	dr	1										
Phone #: 575-	-397-6388 Fax #: 57	5-39	7-0	397	7			Ad	dres	ss:				1										
Project #:	Project Own	er:						Cit	y:					1										
Project Name:	Red Tank 35 Federal #3 SWD							Sta	ate:		Z	Zip:		1										
Project Locatio	on: Lea County, NM							Ph	one	#:				1										
Sampler Name:	: Roger Hernandez							Fax	x #:					1										
FOR LAB USE ONLY			Т	Г	М	ATRIX			PRE	SER	V.	SAMPL	ING	1										
Lab I.D. 14901072	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OIDER :	DATE	TIME	87£X	C	TPHOXT								
11	BOTTOM 5	G	1		N	/				/		3/19/19	2:10 PM	1	1	1							\neg	
12	ВОТТОМ 6	1								1	3	3/19/19	2:20 PM	1	1	1								
13		1									3	3/19/19	2:30 PM	1	1	1								
14	ВОТТОМ 8	1	V		1	1		4		V	3	3/19/19	2:40 PM	1	1	1								
	(A) 3/19/19										-													
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ervice. In no event shall C	ind Damages. Cardinal's liability and client's exclusive remedy for ing those for negligence and any other cause whatsoever shall be ardinal be liable for incidental or consequental damages, including out of or related to the performance of services hereunder by the consequence of services here are services here and the consequence of services here are serv	e deeme ing witho Cardina	d waive ut limits regar	ed unle stion, b diess o	usiness of whether By:	in writin	g and ons, k	as of	use, or d upon	Cardina r loss of any of	withi profit	in 30 days after ts incurred by o	r completion of th	ne applica ries, se. sult: t:	□ Ye		No No	Add'l F		#:		7_		

CHECKED BY:

Sample Condition
Cool Intact
Yes Yes
No No † Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



April 23, 2019

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 35

Enclosed are the results of analyses for samples received by the laboratory on 04/22/19 12:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

 Received:
 04/22/2019
 Sampling Date:
 04/15/2019

 Reported:
 04/23/2019
 Sampling Type:
 Soil

Project Name: RED TANK 35 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applymed By MC

Project Location: MILLS RANCH

Sample ID: BOTTOM 9 (H901431-01)

DTEV 0021D

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.95	97.5	2.00	7.54	
Toluene*	<0.050	0.050	04/23/2019	ND	1.99	99.5	2.00	6.88	
Ethylbenzene*	<0.050	0.050	04/23/2019	ND	2.01	100	2.00	5.93	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.72	95.4	6.00	5.50	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/23/2019	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	212	106	200	0.441	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	202	101	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	88.0	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	90.6	% 37.6-14	7						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/22/2019 Sampling Date: 04/15/2019 Reported: 04/23/2019 Sampling Type: Soil

Project Name: **RED TANK 35** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: MILLS RANCH

Sample ID: BOTTOM 10 (H901431-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.95	97.5	2.00	7.54	
Toluene*	<0.050	0.050	04/23/2019	ND	1.99	99.5	2.00	6.88	
Ethylbenzene*	<0.050	0.050	04/23/2019	ND	2.01	100	2.00	5.93	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.72	95.4	6.00	5.50	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/23/2019	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	208	104	200	5.78	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	199	99.6	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	92.7	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	93.5	% 37.6-14	7						

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Celeg D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

 Received:
 04/22/2019
 Sampling Date:
 04/15/2019

 Reported:
 04/23/2019
 Sampling Type:
 Soil

Reported:04/23/2019Sampling Type:SoilProject Name:RED TANK 35Sampling Condition:Cool & IntactProject Number:NONE GIVENSample Received By:Tamara Oldaker

Analyzed By: MS

Project Location: MILLS RANCH

Sample ID: SIDEWALL 21 (H901431-03)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.95	97.5	2.00	7.54	
Toluene*	<0.050	0.050	04/23/2019	ND	1.99	99.5	2.00	6.88	
Ethylbenzene*	<0.050	0.050	04/23/2019	ND	2.01	100	2.00	5.93	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.72	95.4	6.00	5.50	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/23/2019	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	208	104	200	5.78	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	199	99.6	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	99.0	% 41-142							
Surrogate: 1-Chlorooctadecane	100	% 37.6-14	7						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/22/2019 Sampling Date: 04/15/2019

Reported: 04/23/2019 Sampling Type: Soil

Project Name: **RED TANK 35** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: MILLS RANCH

Sample ID: SIDEWALL 22 (H901431-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.95	97.5	2.00	7.54	
Toluene*	<0.050	0.050	04/23/2019	ND	1.99	99.5	2.00	6.88	
Ethylbenzene*	<0.050	0.050	04/23/2019	ND	2.01	100	2.00	5.93	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.72	95.4	6.00	5.50	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	85.6	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/23/2019	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	208	104	200	5.78	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	199	99.6	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	98.2	% 41-142	!						
Surrogate: 1-Chlorooctadecane	99.1	% 37.6-14	7						

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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: 04/22/2019 Sampling Date: 04/15/2019 Reported: 04/23/2019 Sampling Type: Soil

Project Name: **RED TANK 35** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: MILLS RANCH

Sample ID: SIDEWALL 23 (H901431-05)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.80	89.8	2.00	1.20	
Toluene*	< 0.050	0.050	04/23/2019	ND	1.88	94.0	2.00	0.730	
Ethylbenzene*	< 0.050	0.050	04/23/2019	ND	1.83	91.5	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.62	93.7	6.00	2.22	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.1 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/23/2019	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	208	104	200	5.78	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	199	99.6	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	88.0 9	% 41-142	?						
Surrogate: 1-Chlorooctadecane	89.79	% 37.6-14	7						

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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:
 04/22/2019
 Sampling Date:
 04/15/2019

 Reported:
 04/23/2019
 Sampling Type:
 Soil

Project Name: RED TANK 35 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: MILLS RANCH

Sample ID: SIDEWALL 24 (H901431-06)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.80	89.8	2.00	1.20	
Toluene*	<0.050	0.050	04/23/2019	ND	1.88	94.0	2.00	0.730	
Ethylbenzene*	<0.050	0.050	04/23/2019	ND	1.83	91.5	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.62	93.7	6.00	2.22	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/23/2019	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	208	104	200	5.78	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	199	99.6	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	95.8	% 41-142							
Surrogate: 1-Chlorooctadecane	95.2	% 37.6-14	7						

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04/15/2019

Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/22/2019

Reported: 04/23/2019 Sampling Type: Soil Project Name: **RED TANK 35** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Sampling Date:

Project Location: MILLS RANCH

Sample ID: SIDEWALL 25 (H901431-07)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.80	89.8	2.00	1.20	
Toluene*	< 0.050	0.050	04/23/2019	ND	1.88	94.0	2.00	0.730	
Ethylbenzene*	< 0.050	0.050	04/23/2019	ND	1.83	91.5	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.62	93.7	6.00	2.22	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/23/2019	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	208	104	200	5.78	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	199	99.6	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	94.8 9	6 41-142							
Surrogate: 1-Chlorooctadecane	92.5 %	% 37.6-14	7						

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04/15/2019

Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/22/2019 Sampling Date:

mg/kg

Reported:04/23/2019Sampling Type:SoilProject Name:RED TANK 35Sampling Condition:Cool & IntactProject Number:NONE GIVENSample Received By:Tamara Oldaker

Analyzed By: ms

Project Location: MILLS RANCH

Sample ID: SP 1 @ 10 (H901431-08)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.80	89.8	2.00	1.20	
Toluene*	<0.050	0.050	04/23/2019	ND	1.88	94.0	2.00	0.730	
Ethylbenzene*	<0.050	0.050	04/23/2019	ND	1.83	91.5	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.62	93.7	6.00	2.22	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.4	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7840	16.0	04/23/2019	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	208	104	200	5.78	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	199	99.6	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	101	% 41-142	,						
Surrogate: 1-Chlorooctadecane	98.7	% 37.6-14	7						

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Celeg D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/22/2019

Reported: 04/23/2019 Project Name: **RED TANK 35** Project Number: NONE GIVEN Project Location: MILLS RANCH Sampling Date: 04/15/2019

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 11 (H901431-09)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.80	89.8	2.00	1.20	
Toluene*	<0.050	0.050	04/23/2019	ND	1.88	94.0	2.00	0.730	
Ethylbenzene*	<0.050	0.050	04/23/2019	ND	1.83	91.5	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.62	93.7	6.00	2.22	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	04/23/2019	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	208	104	200	5.78	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	199	99.6	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	94.9 9	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	92.4 9	% 37.6-14	7						

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04/15/2019

Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/22/2019 Sampling Date:

mg/kg

Reported:04/23/2019Sampling Type:SoilProject Name:RED TANK 35Sampling Condition:Cool & IntactProject Number:NONE GIVENSample Received By:Tamara Oldaker

Analyzed By: ms

Project Location: MILLS RANCH

Sample ID: SP 1 @ 12 (H901431-10)

BTEX 8021B

	<u> </u>	<u> </u>							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.80	89.8	2.00	1.20	
Toluene*	<0.050	0.050	04/23/2019	ND	1.88	94.0	2.00	0.730	
Ethylbenzene*	<0.050	0.050	04/23/2019	ND	1.83	91.5	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.62	93.7	6.00	2.22	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6080	16.0	04/23/2019	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	208	104	200	5.78	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	199	99.6	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	97.2	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	95.1	% 37.6-14	7						

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04/15/2019

Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/22/2019 Sampling Date:

ma/ka

Reported:04/23/2019Sampling Type:SoilProject Name:RED TANK 35Sampling Condition:Cool & IntactProject Number:NONE GIVENSample Received By:Tamara Oldaker

Analyzed By: me

Project Location: MILLS RANCH

Sample ID: SP 1 @ 13 (H901431-11)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.80	89.8	2.00	1.20	
Toluene*	<0.050	0.050	04/23/2019	ND	1.88	94.0	2.00	0.730	
Ethylbenzene*	<0.050	0.050	04/23/2019	ND	1.83	91.5	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.62	93.7	6.00	2.22	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	04/23/2019	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	208	104	200	5.78	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	199	99.6	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	92.4	% 41-142	•						
Surrogate: 1-Chlorooctadecane	89.1	% 37.6-14	7						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

 Received:
 04/22/2019
 Sampling Date:
 04/15/2019

 Reported:
 04/23/2019
 Sampling Type:
 Soil

Project Name: RED TANK 35 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: MILLS RANCH

ma/ka

Sample ID: SP 1 @ 14 (H901431-12)

RTFY 8021R

B1EX 8021B	mg/	кд	Analyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.80	89.8	2.00	1.20	
Toluene*	<0.050	0.050	04/23/2019	ND	1.88	94.0	2.00	0.730	
Ethylbenzene*	<0.050	0.050	04/23/2019	ND	1.83	91.5	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.62	93.7	6.00	2.22	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 73.3-129	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3400	16.0	04/23/2019	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	208	104	200	5.78	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	199	99.6	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	95.3 9	% 41-142							
Surrogate: 1-Chlorooctadecane	93.7 9	% 37.6-14	7						

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04/15/2019

Soil

Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/22/2019 Sampling Date:
Reported: 04/23/2019 Sampling Type:

Project Name: RED TANK 35 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: MILLS RANCH

ma/ka

Sample ID: SP 1 @ 15 (H901431-13)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.80	89.8	2.00	1.20	
Toluene*	<0.050	0.050	04/23/2019	ND	1.88	94.0	2.00	0.730	
Ethylbenzene*	<0.050	0.050	04/23/2019	ND	1.83	91.5	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.62	93.7	6.00	2.22	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	04/23/2019	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	208	104	200	5.78	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	199	99.6	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	92.3	% 41-142	•						
Surrogate: 1-Chlorooctadecane	88.9	% 37.6-14	7						

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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: 04/22/2019 Sampling Date: 04/15/2019 Reported: 04/23/2019 Sampling Type: Soil

Project Name: **RED TANK 35** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: MILLS RANCH

Sample ID: SP 1 @ 16 (H901431-14)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.80	89.8	2.00	1.20	
Toluene*	<0.050	0.050	04/23/2019	ND	1.88	94.0	2.00	0.730	
Ethylbenzene*	<0.050	0.050	04/23/2019	ND	1.83	91.5	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.62	93.7	6.00	2.22	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.0	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/23/2019	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	208	104	200	5.78	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	199	99.6	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	99.2	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	96.7	% 37.6-14	7						

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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: 04/22/2019 Reported: 04/23/2019

04/23/2019 RED TANK 35

mg/kg

Project Number: NONE GIVEN
Project Location: MILLS RANCH

Sampling Date: 04/15/2019

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ 10' (H901431-15)

Project Name:

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	a by. III3					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.80	89.8	2.00	1.20	
Toluene*	<0.050	0.050	04/23/2019	ND	1.88	94.0	2.00	0.730	
Ethylbenzene*	<0.050	0.050	04/23/2019	ND	1.83	91.5	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.62	93.7	6.00	2.22	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6880	16.0	04/23/2019	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	208	104	200	5.78	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	199	99.6	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	101	% 41-142	?						
Surrogate: 1-Chlorooctadecane	97.9	% 37.6-14	7						

Analyzed By: ms

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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: 04/22/2019

Reported: 04/23/2019 Project Name: **RED TANK 35** Project Number: NONE GIVEN

Project Location: MILLS RANCH Sampling Date: 04/15/2019

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ 11' (H901431-16)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.80	89.8	2.00	1.20	
Toluene*	<0.050	0.050	04/23/2019	ND	1.88	94.0	2.00	0.730	
Ethylbenzene*	< 0.050	0.050	04/23/2019	ND	1.83	91.5	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.62	93.7	6.00	2.22	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	04/23/2019	ND	416	104	400	3.92	QM-07
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	208	104	200	5.78	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	199	99.6	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	99.0	% 41-142	?						
Surrogate: 1-Chlorooctadecane	95.89	% 37.6-14	7						

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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:
 04/22/2019
 Sampling Date:
 04/15/2019

 Reported:
 04/23/2019
 Sampling Type:
 Soil

Project Name: RED TANK 35 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: MILLS RANCH

mg/kg

Sample ID: SP 2 @ 12' (H901431-17)

BTEX 8021B

	91	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.80	89.8	2.00	1.20	
Toluene*	<0.050	0.050	04/23/2019	ND	1.88	94.0	2.00	0.730	
Ethylbenzene*	<0.050	0.050	04/23/2019	ND	1.83	91.5	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.62	93.7	6.00	2.22	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.4	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	04/23/2019	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	208	104	200	5.78	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	199	99.6	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	102 9	% 41-142	?						
Surrogate: 1-Chlorooctadecane	98.5	% 37.6-14	7						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/22/2019 Sampling Date: 04/15/2019 Reported: 04/23/2019 Sampling Type:

Soil Project Name: **RED TANK 35** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: MILLS RANCH

Sample ID: SP 2 @ 13' (H901431-18)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.80	89.8	2.00	1.20	
Toluene*	< 0.050	0.050	04/23/2019	ND	1.88	94.0	2.00	0.730	
Ethylbenzene*	< 0.050	0.050	04/23/2019	ND	1.83	91.5	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.62	93.7	6.00	2.22	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	04/23/2019	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	208	104	200	5.78	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	199	99.6	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	100 %	% 41-142	!						
Surrogate: 1-Chlorooctadecane	96.79	% 37.6-14	7						

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Celeg D. Keene



04/15/2019

Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/22/2019

Reported: 04/23/2019 Sampling Type: Soil Project Name: **RED TANK 35** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Sampling Date:

Project Location: MILLS RANCH

Sample ID: SP 2 @ 14' (H901431-19)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.80	89.8	2.00	1.20	
Toluene*	<0.050	0.050	04/23/2019	ND	1.88	94.0	2.00	0.730	
Ethylbenzene*	<0.050	0.050	04/23/2019	ND	1.83	91.5	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.62	93.7	6.00	2.22	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	04/23/2019	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	212	106	200	0.441	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	202	101	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	89.6	% 41-142	!						
Surrogate: 1-Chlorooctadecane	92.1	% 37.6-14	7						

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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:
 04/22/2019
 Sampling Date:
 04/15/2019

 Reported:
 04/23/2019
 Sampling Type:
 Soil

Project Name: RED TANK 35 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: MILLS RANCH

mg/kg

Sample ID: SP 2 @ 15' (H901431-20)

BTEX 8021B

DILX GOZID	mg/	ng .	Allulyzo	a by. ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.80	89.8	2.00	1.20	
Toluene*	<0.050	0.050	04/23/2019	ND	1.88	94.0	2.00	0.730	
Ethylbenzene*	<0.050	0.050	04/23/2019	ND	1.83	91.5	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.62	93.7	6.00	2.22	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	04/23/2019	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	212	106	200	0.441	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	202	101	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	86.2	% 41-142	?						
Surrogate: 1-Chlorooctadecane	88.3	% 37.6-14	7						

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04/15/2019

Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/22/2019 Sampling Date: Reported: 04/23/2019 Sampling Type:

Soil Project Name: **RED TANK 35** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: MILLS RANCH

Sample ID: SP 2 @ 16' (H901431-21)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2019	ND	1.80	89.8	2.00	1.20	
Toluene*	< 0.050	0.050	04/23/2019	ND	1.88	94.0	2.00	0.730	
Ethylbenzene*	< 0.050	0.050	04/23/2019	ND	1.83	91.5	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/23/2019	ND	5.62	93.7	6.00	2.22	
Total BTEX	<0.300	0.300	04/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/23/2019	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2019	ND	212	106	200	0.441	
DRO >C10-C28*	<10.0	10.0	04/23/2019	ND	202	101	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	04/23/2019	ND					
Surrogate: 1-Chlorooctane	89.2 9	% 41-142							
Surrogate: 1-Chlorooctadecane	91.79	% 37.6-14	7						

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Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. 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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RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

City: Hobbs	Company Name: BBC	nternational, Inc.		BILL TO		ANALYSIS	REQUEST
City: Hobbs	Project Manager: Cliff E	Brunson		P.O. #:			
Phone #: 575-397-6388	Address: P.O. Box 80	5		Company:]		
Project Wind Project Owner: ON City: Project Name: Project Name: Project Location: Project Location: Sampler Name: For LAB USE ONLY Lab I.D. Sample I.D. Sample I.D. Sample I.D. Sample I.D. Project Owner: State: Zip: Phone #: Fax #: FOR LAB USE ONLY MATRIX PRESERV. SAMPLING MATRIX PRESERV. SAMPLING DATE TIME 1 Pottom 9 2 Pottom 10 G1 V 415.19 845	city: Hobbs	State: NM	Zip: 88241	Attn:			
Project Name: Project Location: Phone #: Fax #: For LAB USE ONLY Lab I.D. Sample I.D. Sample I.D. Sample I.D. PRESERV. SAMPLING MATRIX PRESERV. SAMPLING MATRIX PRESERV. SAMPLING DATE TIME 1 Bottom 9 2 Bottom 10 4 15 19 645	Phone #: 575-397-638	8 Fax #: 575	-397-0397	Address:			
Project Name: Project Location: Phone #: Fax #: For LAB USE ONLY Lab I.D. Sample I.D. Sample I.D. Sample I.D. PRESERV. SAMPLING MATRIX PRESERV. SAMPLING MATRIX PRESERV. SAMPLING DATE TIME 1 Bottom 9 2 Bottom 10 4 15 19 645	Project #:	Project Owner	: OXY	City:			
Lab I.D. Sample I.D. Apol 431 Bettom 9 C Bottom 10 Bottom 10 C Bottom 10 C	Project Name:		/	State: Zip:			
Lab I.D. Sample I.D. Apol 431 Bettom 9 C Bottom 10 Bottom 10 C Bottom 10 C	Project Location:	REd TANK 3	35	Phone #:]		
Lab I.D. Sample I.D. Apol 431 Bettom 9 C Bottom 10 Bottom 10 C Bottom 10 C	Sampler Name:	Pour Herry	NEZ				
1 Bottom 9 61 V V 15-19 830 V V 2 Bottom 10 61 V V 4-15-19 845 V	FOR LAB USE ONLY	0	MATRIX	PRESERV. SAMPLING	717		
1 Bottom 9 6 1 V V.15.14 830 VV 2 Bottom 10 61 V V.15.14 845 VV		Sample I.D.	(G)RAB OR (C)ON # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER: ACID/BASE: CE / COOL OTHER:	200		
	1 B67		61 V	V 4-15-19 830	VVV		
3 SIDE WALL ZI CII V. 1 1 1 145.16 910 VVV 1 1 1 1 1 1 1	2	0.0		V 4.15.19 845	100		
	3 31d		C1 V	1 4.15.19 900	11	-	
4 Sidewall 22 = 1 1 1 4 15-19 915 1	4 Side	eway 22	E !! "	975-19 91	VVV		
5 3 deval 23 C1 V 4 V 930 V V	Sade		911	90.19 930	0		
6 Sidewall 24 CI V V 4519 945 V V	7 500	1011 25		1/ 1/19 1993			
8 SPI @ 10 E1 1 0 GP.19 105 1	8 50	10 10	2/1 /	201 9171.9	111		
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analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, 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.

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Poer Hernanchez	Time: OU	REMARKS:
Relinquished By: Cha Bull Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Date/22/19 Received By: Time: Time: Sample Condition CHECKED BY: Cool Intact Cool Intact Gives Gives No No	Rush 1.1

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

Company Name:	BBC International, Inc.		BILL TO		ANALYSIS REC	(UES)
Project Manager	: Cliff Brunson		P.O. #:			
Address: P.O.	Box 805		Company:			
city: Hobbs	State: NM	Zip: 88241	Attn:			
Phone #: 575-3	97-6388 Fax #: 575-	-397-0397	Address:			
Project #:	Project Owner		City:			
Project Name:	RED TANK 35	/	State: Zip:			
Project Location	:		Phone #:	1		
Sampler Name:	ROKI HEINANCE	lez	Fax #:	F 12 3		
FOR LAB USE ONLY	, .	MATRIX	PRESERV. SAMPLING	447		
Lab I.D. H901 431	Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACID/BASE: ICE / COOL OTHER:	1700		
1. 101 191	501013	CIV	V 4'5.19 1059	1 V		
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14	016		0 915/19 1/36	000	-	
15	5020 10		9 15-19 1730	VVV		
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	6 12	G \ V	45.9 120	VVV		
18	@ 14-	611	1 4 15.19 145	111		
20	@ 15-	EI V	1 45.19200	VVV		
DI FACE NOTE: Limbilly o	nd Damages, Cardinal's liability and client's exclusive remedy for	any claim arising whether based in contr.	act or tort, shall be limited to the amount paid by the client for	or the		

analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, are 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.

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Canp	12.30	Sample Condition CHECKED BY:	_			
Delivered By: (Circle One)			1			
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Sampler - UPS - Bus - Other:	- 2.0.	#97 No No				
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[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Received by OCD: 4/3/2023 2:21:02 PM

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RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476 Company Name: BBC International, Inc.	BILL TO		ANALYSIS REQUEST
Project Manager: Cliff Brunson	P.O. #:		
Address: P.O. Box 805	Company:	1	
city: Hobbs State: NM zip: 88241	Attn:	1	
Phone #: 575-397-6388 Fax #: 575-397-0397	Address:	1	
Project #: Project Owner: OX9	City:	1	
Project Name:	State: Zip:	1	
Project Location: Red Tank 35 Feb 35 Sampler Name: Fey Holnandez	WQ Phone #:	1	
Sampler Name: Faul Loinandez	Fax #:	1 2 1	
FOR LAB USE ONLY MA	RIX PRESERV. SAMPLING	1/12/	
Tap I.D. Samble I.D. (G)RAB OR (C)ON WASTEWATER SOIL	OIL SLUDGE OTHER: ACID/BASE: ACID	2000	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether bas analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unliess made service. In no event shall Cardinal be liable for incidental or consequented damages, including without imitation, business affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of wheth	writing and received by Cardmai within 30 days after completion erruptions, loss of use, or loss of profits incurred by client, its sub- such claim is based upon any of the above stated reasons or othe	of the applicable diaries, twise.	Add Dhone its
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CHECKED BY: (Initials)

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Received By:

Sample Condition
Cool Intact
Yes 7 Yes
No No

State of New Mexico Oil Conservation Division

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

Incident ID		
District RP	1RP-3973	
Facility ID		
Application ID		

Closure

Photographs of the remediated site prior to backfill or photos of the must be notified 2 days prior to liner inspection)	liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODC Distri	ct 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 and regulations all operators are required to report and/or file certain release may endanger public health or the environment. The acceptance of a C-14 should their operations have failed to adequately investigate and remediate human health or the environment. In addition, OCD acceptance of a C-14 compliance with any other federal, state, or local laws and/or regulations. restore, reclaim, and re-vegetate the impacted surface area to the condition accordance with 19.15.29.13 NMAC including notification to the OCD with Printed Name: Wade Dittrich Title Signature: Date: mail: wade_dittrich@oxy.com Telep	se notifications and perform corrective actions for releases which led report by the OCD does not relieve the operator of liability econtamination that pose a threat to groundwater, surface water, a report does not relieve the operator of responsibility for The responsible party acknowledges they must substantially as that existed prior to the release or their final land use in
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible party of liab remediate contamination that poses a threat to groundwater, surface water, party of compliance with any other federal, state, or local laws and/or regularity	human health, or the environment nor does not relieve the responsible
Closure Approved by:	Date:
Printed Name:	Title:

State of New Mexico Oil Conservation Division

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

Incident ID		
District RP	1RP-4093	
Facility ID		
Application ID		

Closure

Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODO	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	ations. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in
OCD Only	
Received by:	Date:
remediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws and	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations. Date: 4/4/2023
	Title: Environmental Specialist
Printed Name: Brittany Hall	Title:

State of New Mexico Oil Conservation Division

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

must be notified 2 days prior to liner inspection)

Incident ID		
District RP	1RP-4118	
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.

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)		
Description of remediation activities		
Thereby 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, auman 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 estore, 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 Title: Environmental Coordinator Telephone: (575) 390-2828		
Printed Name: Wade Dittrich	Title: Environmental Coordinator	
Signature: Wall State	Date: 4-2919	
_{email:} wade_dittrich@oxy.com	Telephone: (575) 390-2828	
OCD Only		
Received by:	Date:	
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:	

State of New Mexico Oil Conservation Division

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

Incident ID		
District RP	1RP-4267	
Facility ID		
Application ID		

Closure

Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODG	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certainay endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rerhuman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regularestore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification to the O	ations. The responsible party acknowledges they must substantially inditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.
Printed Name: Wade Dittrich	Environmental Coordinator
Signature: Washe States	Date: 4-29-19
email: wade_dittrich@oxy.com	Telephone: (575) 390-2828
OCD Only	
Received by:	Date:
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:

State of New Mexico Oil Conservation Division

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

Incident ID	
District RP	1RP-4339
Facility ID	
Application ID	

Closure

must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification to the Coaccordance.	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.
Printed Name: Wade Dittrich	Environmental Coordinator
Signature: Jade Autot	Date: 4-29-19
email: wade_dittrich@oxy.com	Telephone: (575) 390-2828
OCD Only	
Received by:	Date:
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:

State of New Mexico Oil Conservation Division

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

Incident ID		
District RP	1RP-4689	
Facility ID		
Application ID		

Closure

Photographs of the remediated site prior to backfill or photos of must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODC	District office must be notified 2 days prior to final sampling)
Description of remediation activities	
) I	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially additions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible party remediate contamination that poses a threat to groundwater, surface v party of compliance with any other federal, state, or local laws and/o	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

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

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 203477

CONDITIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	203477
	Action Type:
	[IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By		Condition Date
bhall	None	4/4/2023