	Site Description
Site Name:	Red Tank 34 Federal #2 CTB
Company:	Oxy Permian Ltd.
Legal Description:	U/L H, Section 34, T22S, R32E
County:	Lea County, NM
GPS Coordinates:	N 32.34968° W 103.65624°

Release Data

Date of Release:	02/25/2014
Type of Release:	Oil and Produced water
Source of Release:	2" steel production line
Volume of Release:	0.5 bbl of oil and 20.5 bbls of produced water
Volume Recovered:	0 bbls

	Remediatio	n Specifications				
Remediation Parameters:	clay liner in the	epth of 3 feet in the entire leak area. Install a area at the north end by SP1. Take sidewall mples. Backfill the site with clean soil.				
Remediation Activities:	07/11/2014 to 09/11/2014					
Plan Sent to OCD:	04/05/2014	Email from Cliff Brunson to Geoffrey Leking				
OCD Approval of Plan:	Plan: 04/07/2014 Email from Geoffrey Leking to Cliff Brunson					

	04/05/2014	Email from Clin Drunson to Geoffey Leking
OCD Approval of Plan:	04/07/2014	Email from Geoffrey Leking to Cliff Brunson
Plan Sent to BLM:	04/05/2014	Email from Cliff Brunson to J. Van Curen
BLM Approval of Plan:	04/07/2014	Email from J. Van Curen to Cliff Brunson

Supporting Documentation					
Initial C-141	Signed 03/03/2014				
Final C-141	Signed 09/16/2014				
Site Diagram	March 2014				
Groundwater Plot	450'				
TOPO Maps	March 2014				
Lab Summary	03/06/2014 and 08/07/2014				
Lab Analysis	03/06/2014 and 08/07/2014				
Correspondence	Request and approval of remediation plan via email				

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

09/25/2014

Received l	by O	CD:	3/8/2	2023	3:16:	13 PM
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District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV

State of New Mexico Energy Minerals and Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr.

Form C-141 Revised October 10, 2003

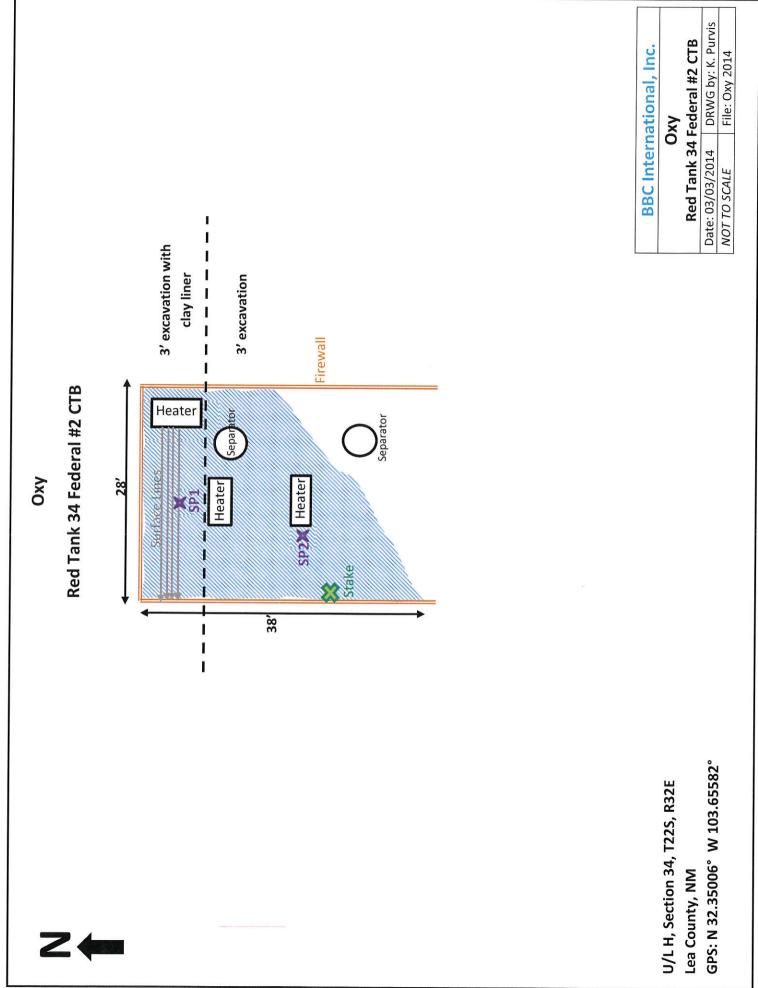
Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back

1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 Santa Fe, NM 87505											
			Rel	ease Notifi	catio	n and C	orrective A	ction			· · · · · · · · · · · · · · · · · · ·
						OPERA	TOR	🛛 Initi	al Report		Final Repor
Name of Co		Oxy USA In			_	Contact (Chancey Summe	ers			· · ·
		tanolind Rd				Telephone	No. (575) 397	-8216		——· ,	
Facility Na	me Red T	ank 34 Fede	eral #2 C	ГВ		Facility Ty	be Battery				
Surface Owner BLM Mineral Owner					Dwner			API No			
				LOC		N OF RE	I FASE	l=			
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	East/West Line	County		
	34	228	32E						Lea Count		
		220			40769	τ	1 W 100 (550	7 0	Lea Coun	ly, INIVI	
			1	Latitude <u>N 32.3</u>		_	ıde <u>W 103.6559</u>	/*			
T (D 1	01	10 1 1		NAT	URE	OF REL					
Type of Rele	ase Oil ai	nd Produced v	water				Release 0.5 bbl 5 bbls of produce		lecovered	0 bbls	
Source of Re	lease 2 " st	eel line produ	ction line			Date and H	Four of Occurrence		Hour of Dis	covery	
Was Immedia	ate Notice (liven?	-			2/25/2014 If YES, To	Whom?				
			Yes 🗌	No 🗌 Not Re	equired			Jennifer Van Cure	n- BLM		
		vis, BBC Inte	rnational			Date and H	lour 02/26/2014	4 @ 3:44 pm			
Was a Water	course Reac		Yes 🛛			If YES, Volume Impacting the Watercourse.					
		pacted, Descr									
Describe Cau	se of Proble	em and Reme	lial Action	1 Taken.*							
A leak in the were recovere	2 inch steel ed and the li	line from the	productio ed.	n separator to the	tanks s	pilled 0.5 bbl	of oil and 20.5 bb	ls of produced wate	er onto the g	round.	No fluids
Describe Area	a Affected a	and Cleanup A	ction Tak	en.*							
The affected a and the BLM.	area was apj	proximately 1	4' x 22' ir	uside the berm. R	emedia	tion will be co	mpleted in accord	lance with a plan a	pproved by	both th	e NMOCD
regulations al public health should their o	l operators a or the envir perations ha ment. In ac	are required to onment. The ave failed to a dition, NMO	o report an acceptanc dequately CD accept	d/or file certain re e of a C-141 repo investigate and re	elease n rt by th mediat	otifications ar e NMOCD ma e contamination	nd perform correct arked as "Final Re on that pose a thre	iderstand that pursu ive actions for rele port" does not relic at to ground water, esponsibility for co	ases which eve the oper surface wa	may en ator of ter. hur	danger liability nan health
					OIL CONSERVATION DIVISION						
ignature:			- Contraction	\leq							
Printed Name	: Chance	y Summers	<u> </u>			Approved by	District Supervise	r:			
itle: HES	Coordinator	ť				Approval Dat	ð:	Expiration D	Date:		
E-mail Addres		ey_Summers	~			Conditions of	Approval:		Attached		
Date: 7	-3-1	\checkmark	Phor	ne: (575) 397-821	6						

Date: <u>5-3-1</u> * Attach Additional Sheets If Necessary

District IState of New MexicoForm O1625 N. French Dr., Hobbs, NM 88240Energy Minerals and Natural ResourcesForm ODistrict IIEnergy Minerals and Natural ResourcesRevised October 101301 W. Grand Avenue, Artesia, NM 88210Oil Conservation DivisionSubmit 2 Copies to approDistrict IIIOil Conservation DivisionSubmit 2 Copies to appro1000 Rio Brazos Road, Aztec, NM 874101220 South St. Francis Dr.with Rule 116 or1220 S. St. Francis Dr., Santa Fe, NM 87505Santa Fe, NM 87505Santa Fe, NM 87505	, 2003 priate dance
1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 South St. Francis Dr. Submit 2 Copies to approximately by the second se	priate dance back
1000 Rio Brazos Road, Aztec, NM 87410Off Conservation DivisionStabilit 2 Copies to apprendice in accordDistrict IV1220 South St. Francis Dr.District Office in accord1220 S. St. Francis Dr.with Rule 116 or	dance back
1220 S. St. Francis Dr. Santa Fa. NM 97505	
Santa Fe, NM 87505 side o	
Release Notification and Corrective Action	
Name of Company Oxy USA Inc. Contact Chancey Summers	Report
Address 1017 W. Stanolind Rd, Hobbs, NM Telephone No. (575) 397-8216	
Facility Name Red Tank 34 Federal #2 CTB Facility Type Battery	
Surface Owner BLM Mineral Owner API No.	
LOCATION OF RELEASE	
Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County	
34 228 32E Lea County, NM	
Latitude <u>N 32.34976°</u> Longitude <u>W 103.65597°</u>	
NATURE OF RELEASE	
Type of Release Oil and Produced water Volume of Release 0.5 bbl of Volume Recovered 0 bbls oil and 20.5 bbls of produce water 0	
Source of Release 2 " steel line production line Date and Hour of Occurrence Date and Hour of Discovery	
2/25/2014 Was Immediate Notice Given? If YES, To Whom?	
Yes D No D Not Required Goeffrey Leking- NMOCD, Jennifer Van Curen- BLM	
By Whom? Kathy Purvis, BBC International Date and Hour 02/26/2014 @ 3:44 pm	
Was a Watercourse Reached? If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*	
Describe Cause of Problem and Remedial Action Taken.*	
A leak in the 2 inch steel line from the production separator to the tanks spilled 0.5 bbl of oil and 20.5 bbls of produced water onto the ground. No flui were recovered and the line was repaired.	ls
Describe Area Affected and Cleanup Action Taken.*	
The affected area was approximately 14' x 22' inside the berm. Remediation was completed in accordance with the remediation plan approved by Geoffrey Leking on NMOCD via email on 04/07/2014 and approved by Jennifer Van Curen of the BLM via email on 04/07/2014.	ļ
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human heal	h
or the environment. In addition, NMOOD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other	.11
federal, state, or local laws-and/or regulations. OIL CONSERVATION DIVISION	
Signature:	
Printed Name: Chancey Summers Approved by District Supervisor:	
Title: HES Advisor Approval Date: Expiration Date:	
E-mail Address: Chancey Summers@oxy.com Conditions of Approval: Attached	
Date: <u>9-16-19</u> Attach Additional Sheets If Necessary	

tach Additional Sheets If Necessary

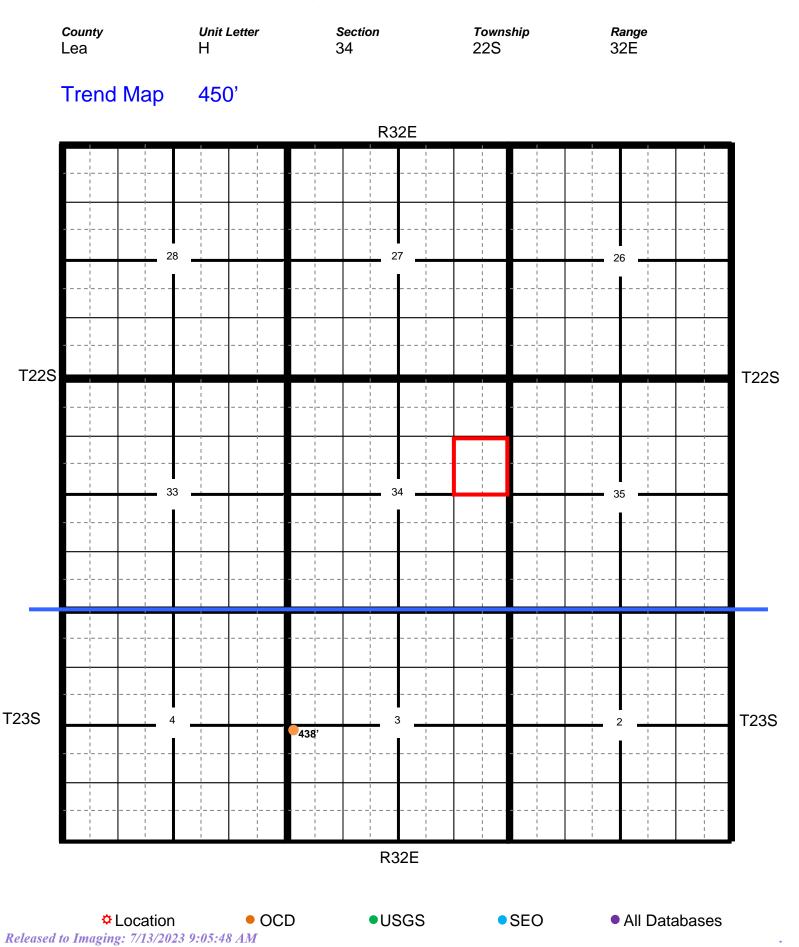


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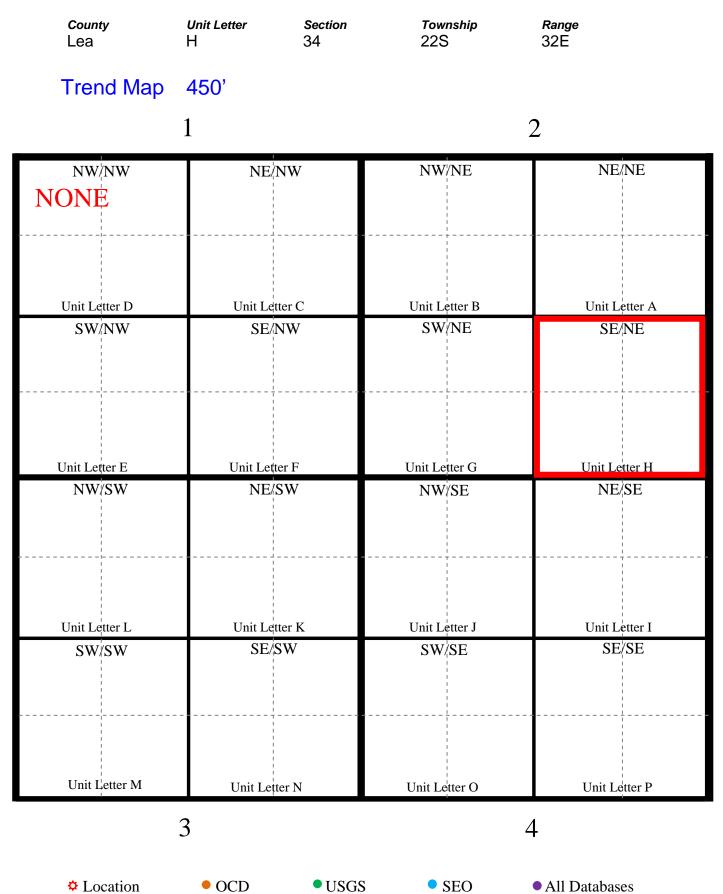
Groundwater Plot

Oxy Red Tank 34 Federal #2 CTB



Section Quarters

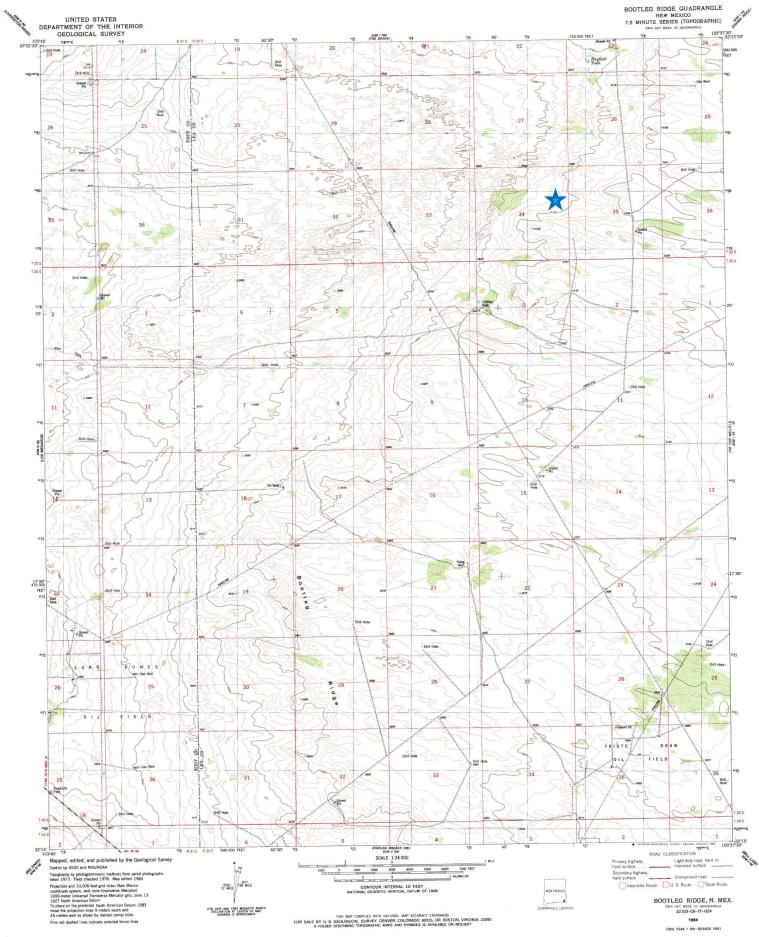
Oxy Red Tank 34 Federal #2 CTB



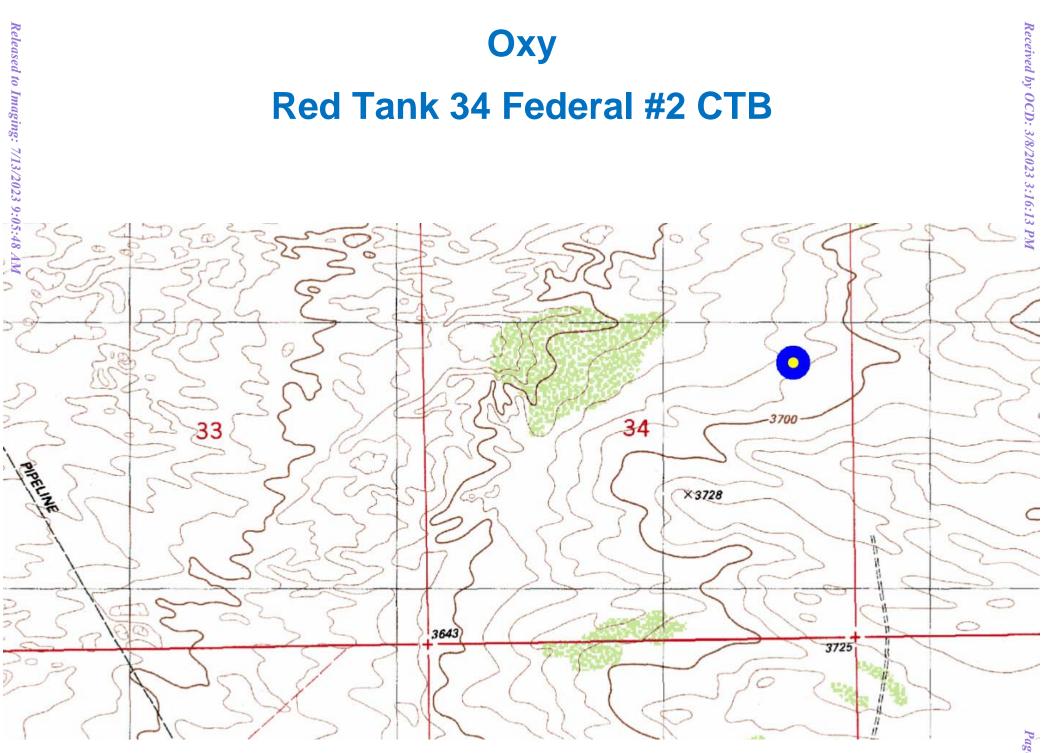


Оху

Red Tank 34 Federal #2 CTB



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Page 8 of 44

Laboratory Analytical Results Summary Red Tank 34 Federal #2 CTB

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 4'	SP1 @ 6'	SP1 @ 8'	SP1 @ 9'	SP1 @ 12'
Analyte	Method	Date	3/6/14	3/6/14	3/6/14	3/6/14	3/6/14	3/6/14	3/6/14
			mg/Kg						
Benzene	BTEX 8021B		<0.050	<0.050	n/a	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		0.07	<0.050	n/a	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a	n/a	n/a	n/a	n/a
Chloride	SM4500CI-B		6080	1680	2600	2440	3360	3480	96
GRO	TPH 8015M		<50.0	<10.0	n/a	n/a	n/a	n/a	n/a
DRO	TPH 8015M		949	139	n/a	n/a	n/a	n/a	n/a

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 4'	SP2 @ 6'
Analyte	Method	Date	3/6/14	3/6/14	3/6/14	3/6/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a	n/a
Chloride	SM4500CI-B		1380	3000	288	112
GRO	TPH 8015M		<10.0	<10.0	n/a	n/a
DRO	TPH 8015M		<10.0	<10.0	n/a	n/a

.

Received by OCD: 3/8/2023 3:16:13 PM

Laboratory Analytical Results Summary Red Tank 34 Federal #2

		Sample	Sidewall 1	Sidewall 2	Sidewall 3	Sidewall 4
Analyte	Method	Date	8/7/14	8/7/14	8/7/14	8/7/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		224	160	160	144

.

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March 25, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 34 #2

Enclosed are the results of analyses for samples received by the laboratory on 03/18/14 9:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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.

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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397 03/18/2014 Sampling Date: 02/25/2014

Received:	03/18/2014	Sampling Date:	03/06/2014
Reported:	03/25/2014	Sampling Type:	Soil
Project Name:	RED TANK 34 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Amanda Ponce
Project Location:	C-29		

Sample ID: SP 1 @ 1 FT (H400808-01)

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	03/20/2014	ND	2.01	101	2.00	0.775	
Toluene*	<0.050	0.050	03/20/2014	ND	1.92	96.0	2.00	0.201	
Ethylbenzene*	0.070	0.050	03/20/2014	ND	1.88	94.1	2.00	0.709	
Total Xylenes*	<0.150	0.150	03/20/2014	ND	5.43	90.5	6.00	0.115	
Total BTEX	<0.300	0.300	03/20/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	143 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6080	16.0	03/20/2014	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	<50.0	50.0	03/20/2014	ND	225	112	200	5.05	
DRO >C10-C28	949	50.0	03/20/2014	ND	213	106	200	2.35	
Surrogate: 1-Chlorooctane	71.2 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	133 %	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



		BBC Interr Cliff Bruns P.O. Box 8 Hobbs NM	805		
		Fax To:	(575) 397-0397	7	
Received:	03/18/2014			Sampling Date:	03/06/2014
Reported:	03/25/2014			Sampling Type:	Soil
Project Name:	RED TANK 34 #2			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Amanda Ponce
Project Location:	C-29				

Sample ID: SP 1 @ 2 FT (H400808-02)

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	03/19/2014	ND	2.01	101	2.00	0.775	
Toluene*	<0.050	0.050	03/19/2014	ND	1.92	96.0	2.00	0.201	
Ethylbenzene*	<0.050	0.050	03/19/2014	ND	1.88	94.1	2.00	0.709	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	5.43	90.5	6.00	0.115	
Total BTEX	<0.300	0.300	03/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	03/20/2014	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	03/20/2014	ND	225	112	200	5.05	
DRO >C10-C28	139	10.0	03/20/2014	ND	213	106	200	2.35	
Surrogate: 1-Chlorooctane	84.5 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	96.2 9	63.6-15							

Sample ID: SP 1 @ 4 FT (H400808-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	03/20/2014	ND	400	100	400	3.92	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



		BBC Interna Cliff Brunson P.O. Box 80 Hobbs NM,	n 5		
		Fax To:	(575) 397-0397		
Received:	03/18/2014			Sampling Date:	03/06/2014
Reported:	03/25/2014			Sampling Type:	Soil
Project Name:	RED TANK 34 #2			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Amanda Ponce
Project Location:	C-29				

Sample ID: SP 1 @ 6 FT (H400808-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	03/20/2014	ND	400	100	400	3.92	

Sample ID: SP 1 @ 8 FT (H400808-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	03/20/2014	ND	400	100	400	3.92	

Sample ID: SP 1 @ 9 FT (H400808-06)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3480	16.0	03/20/2014	ND	400	100	400	3.92	

Sample ID: SP 1 @ 12 FT (H400808-07)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/20/2014	ND	400	100	400	3.92	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



		BBC Interna Cliff Brunso P.O. Box 80 Hobbs NM,	n 5		
		Fax To:	(575) 397-0397		
Received:	03/18/2014			Sampling Date:	03/06/2014
Reported:	03/25/2014			Sampling Type:	Soil
Project Name:	RED TANK 34 #2			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Amanda Ponce
Project Location:	C-29				

Sample ID: SP 2 @ 1 FT (H400808-08)

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	03/19/2014	ND	2.01	101	2.00	0.775	
Toluene*	<0.050	0.050	03/19/2014	ND	1.92	96.0	2.00	0.201	
Ethylbenzene*	<0.050	0.050	03/19/2014	ND	1.88	94.1	2.00	0.709	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	5.43	90.5	6.00	0.115	
Total BTEX	<0.300	0.300	03/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	03/20/2014	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	03/20/2014	ND	197	98.7	200	0.404	
DRO >C10-C28	<10.0	10.0	03/20/2014	ND	192	95.9	200	0.866	
Surrogate: 1-Chlorooctane	82.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	83.1	% 63.6-15	4						

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*=Accredited Analyte

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



		BBC Interna Cliff Brunso P.O. Box 80 Hobbs NM,	, n)5		
		Fax To:	(575) 397-0397		
Received:	03/18/2014			Sampling Date:	03/06/2014
Reported:	03/25/2014			Sampling Type:	Soil
Project Name:	RED TANK 34 #2			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Amanda Ponce
Project Location:	C-29				

Sample ID: SP 2 @ 2 FT (H400808-09)

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	03/19/2014	ND	2.01	101	2.00	0.775	
Toluene*	<0.050	0.050	03/19/2014	ND	1.92	96.0	2.00	0.201	
Ethylbenzene*	<0.050	0.050	03/19/2014	ND	1.88	94.1	2.00	0.709	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	5.43	90.5	6.00	0.115	
Total BTEX	<0.300	0.300	03/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	03/20/2014	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	03/20/2014	ND	197	98.7	200	0.404	
DRO >C10-C28	<10.0	10.0	03/20/2014	ND	192	95.9	200	0.866	
Surrogate: 1-Chlorooctane	102 %	65.2-14	0						
		63.6-15							

Sample ID: SP 2 @ 4 FT (H400808-10)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/20/2014	ND	400	100	400	3.92	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/18/2014	Sampling Date:	03/06/2014
Reported:	03/25/2014	Sampling Type:	Soil
Project Name:	RED TANK 34 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Amanda Ponce
Project Location:	C-29		

Sample ID: SP 2 @ 6 FT (H400808-11)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/20/2014	ND	400	100	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager



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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Celey D. Keene, Lab Director/Quality Manager

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Sampler - UPS - Bus - Other:

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

Page 19 of 44

Page 9 of 10

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	(505) 393-2326 FAX (505) 393-2476	6					
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Project Manager: Cliff Brunson	Cliff Brunson		P.O. #:				
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city: Hobbs	State: NM	Zip: 88241 A	Attn:	-			-
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Page 10 of 10



August 08, 2014

Cliff Brunson BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 34 FEDERAL #2

Enclosed are the results of analyses for samples received by the laboratory on 08/07/14 16:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	08/07/2014	Sampling Date:	08/07/2014
Reported:	08/08/2014	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH ROAD		

Sample ID: SIDEWALL 1 (H402437-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/08/2014	ND	400	100	400	0.00	

Sample ID: SIDEWALL 2 (H402437-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/08/2014	ND	400	100	400	0.00	

Sample ID: SIDEWALL 3 (H402437-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/08/2014	ND	400	100	400	0.00	

Sample ID: SIDEWALL 4 (H402437-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/08/2014	ND	400	100	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



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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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 3/8/2023 3:16:13 PM

Adverse: PO. Box 0015 State: NM Zip: Company: Company: Project Name: For adverse Project Name: For adverse:	P.o. #: State: NM Zip: 88241 Company Fax #: 575-397-0397 Addressed			
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† Cardinal cannot accept verbal channes. Please fay written channes in an one fay	- Bus - Other: 3.20 Eves Interes			
The second	te			

Jennifer Gilkey

From:	Leking, Geoffrey R, EMNRD <geoffreyr.leking@state.nm.us></geoffreyr.leking@state.nm.us>
Sent:	Monday, April 07, 2014 1:19 PM
То:	Cliff P. Brunson
Cc:	C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	RE: OXY-Red Tank 34 Federal #2 CTB-Remediation Plan

Cliff

Per our conversation of April 2, 2014 and review of the below email and attachment, the remediation plan is approved for the OXY Red Tank 34 Federal #2 CTB. Thank you.

Geoffrey Leking Environmental Specialist NMOCD-Hobbs 1625 N. French Drive Hobbs, NM 88240 Office: (575) 393-6161 Ext. 113 Cell: (575) 399-2990 email: geoffreyr.leking@state.nm.us

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Saturday, April 05, 2014 7:45 PM
To: Leking, Geoffrey R, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY-Red Tank 34 Federal #2 CTB-Remediation Plan

Geoff,

This e-mail is to confirm our conversation on April 2, 2014 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As discussed, Oxy will excavate to a depth of 3 feet in the entire leak area that is depicted on the attached site diagram. Then the area at the north end by SP1 will have a clay liner installed and then the site will be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS President BBC International, Inc. World-Wide Environmental Specialists Mailing Address: P. O. Box 805 Hobbs, NM 88241-0805 USA Shipping Address: 1324 W. Marland St. Hobbs, NM 88240 USA Phone: (575) 397-6388 Fax: (575) 397-6388 Fax: (575) 397-6397 E-Mail: <u>cbrunson@bbcinternational.com</u> ***************************

1

Jennifer Gilkey

From:	Van Curen, Jennifer <jvancure@blm.gov></jvancure@blm.gov>
Sent:	Monday, April 07, 2014 3:38 PM
То:	Cliff P. Brunson
Cc:	C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	Re: OXY-Red Tank 34 Federal #2 CTB-Remediation Plan

This plan is approved.

Stips:

1. Take sidewall samples to be sure that cls are below 1000.

2. Remove any contaminated material from berm and replace.

3. Replace removed material with caliche and compact. Exception is clay liner that will be used under lines on north end.

4. If not complete withing 30 days, send me a notice as to when work will be complete.

If you have any questions please let me know. Thanks,

JENNIFER E VAN CUREN ENVIRONMENTAL PROTECTION SPECIALIST DOI-BLM-CARLSBAD FIELD OFFICE 320 E GREENE ST. CARLSBAD, NM 88220 OFFICE- 575-234-5905 CELL - 575-361-0042 FAX - 575-234-5927

"There are known knowns. These are things we know that we know. There are known unknowns. That is to say, there are things that we know we don't know." Jim Perry

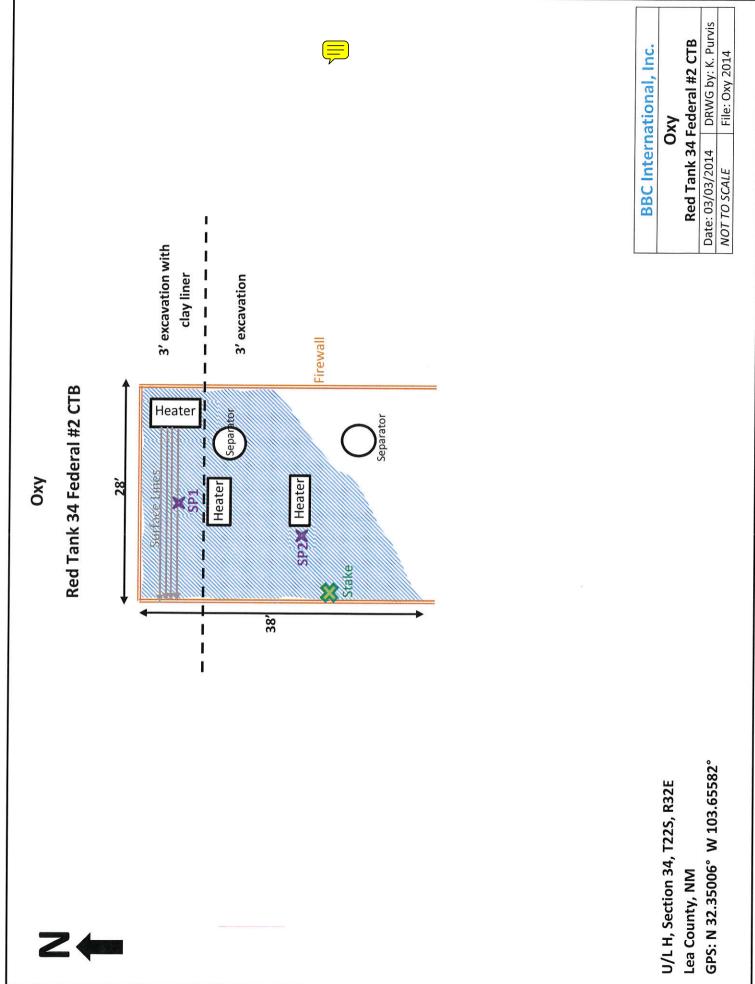
On Sat, Apr 5, 2014 at 7:44 PM, Cliff P. Brunson <<u>cbrunson@bbcinternational.com</u>> wrote: Jennifer,

This e-mail is to request the BLM's approval for the following remediation plan for the above referenced site. I have attached the materials that pertain to the site and the plan. This plan has already been approved by Geoff Leking of the NMOCD. Oxy will excavate to a depth of 3 feet in the entire leak area. Then a clay liner will be installed in the north end in the area of SP1 as depicted on the attached site diagram. The site will then be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated. If you have any questions, please let us know.

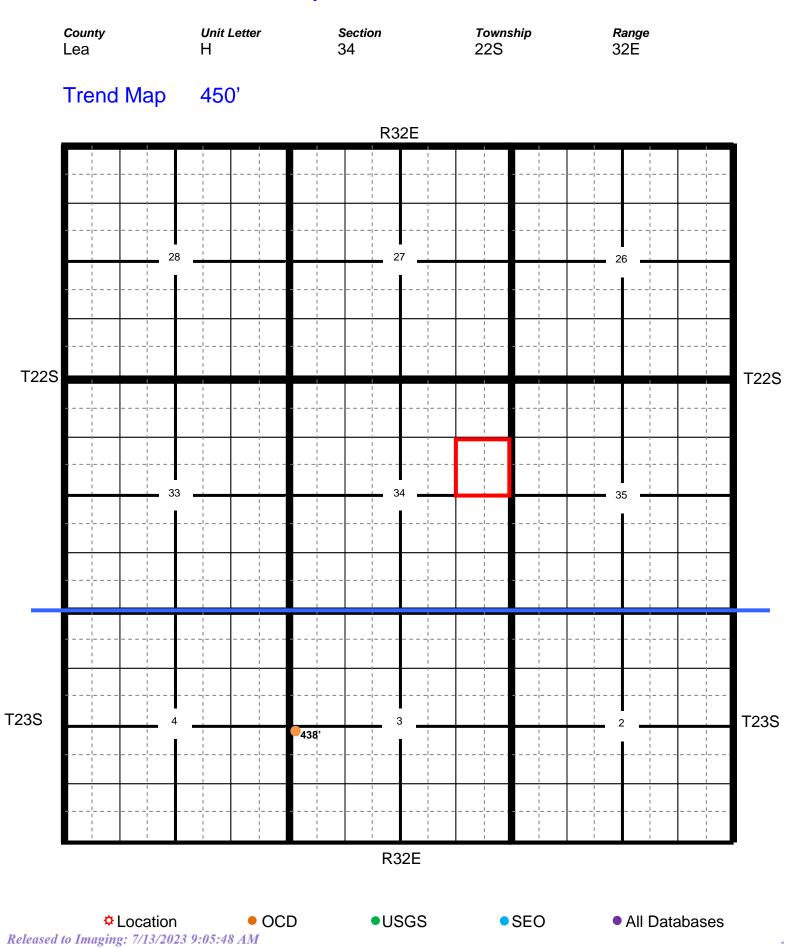
Thanks, Cliff

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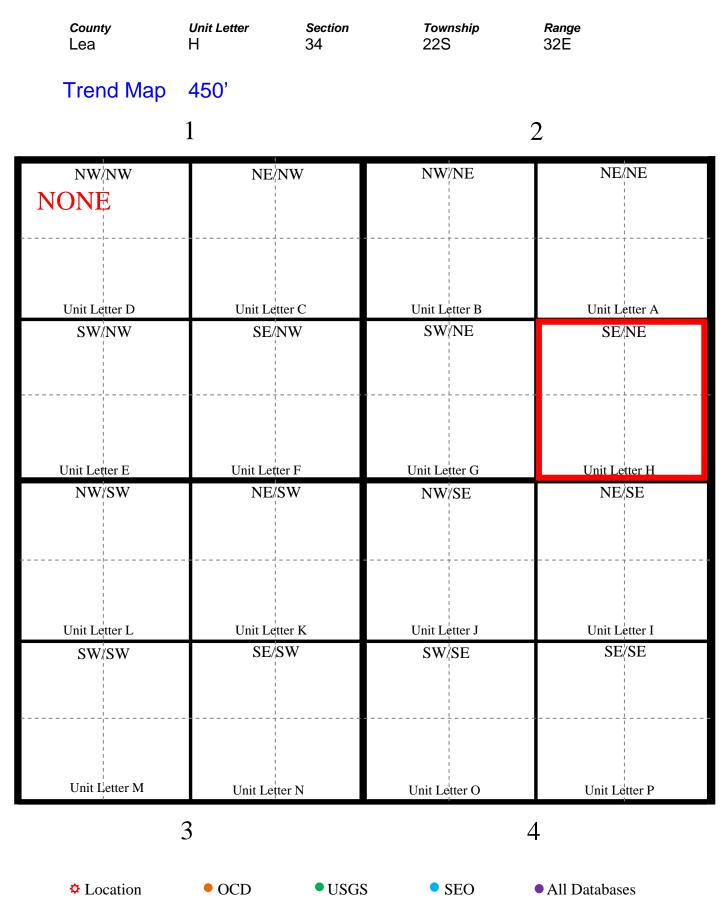
Released to Imaging: 7/13/2023 9:05:48 AM

Oxy Red Tank 34 Federal #2 CTB



Section Quarters

Oxy Red Tank 34 Federal #2 CTB





Laboratory Analytical Results Summary Red Tank 34 Federal #2 CTB

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 4'	SP1 @ 6'	SP1 @ 8'	SP1 @ 9'	SP1 @ 12'
Analyte	Method	Date	3/6/14	3/6/14	3/6/14	3/6/14	3/6/14	3/6/14	3/6/14
			mg/Kg						
Benzene	BTEX 8021B		<0.050	<0.050	n/a	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		0.07	<0.050	n/a	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a	n/a	n/a	n/a	n/a
Chloride	SM4500CI-B		6080	1680	2600	2440	3360	3480	96
GRO	TPH 8015M		<50.0	<10.0	n/a	n/a	n/a	n/a	n/a
DRO	TPH 8015M		949	139	n/a	n/a	n/a	n/a	n/a

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 4'	SP2 @ 6'
Analyte	Method	Date	3/6/14	3/6/14	3/6/14	3/6/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a	n/a
Chloride	SM4500CI-B		1380	3000	288	112
GRO	TPH 8015M		<10.0	<10.0	n/a	n/a
DRO	TPH 8015M		<10.0	<10.0	n/a	n/a

.

Received by OCD: 3/8/2023 3:16:13 PM



March 25, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 34 #2

Enclosed are the results of analyses for samples received by the laboratory on 03/18/14 9:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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.

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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



NONE GIVEN

C-29

Amanda Ponce

Sample Received By:

Analytical Results For:

BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397 03/18/2014 03/25/2014 RED TANK 34 #2 Sampling Condition: Cool & Intact

Sample ID: SP 1 @ 1 FT (H400808-01)

Received:

Reported:

Project Name:

Project Number:

Project Location:

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	03/20/2014	ND	2.01	101	2.00	0.775	
Toluene*	<0.050	0.050	03/20/2014	ND	1.92	96.0	2.00	0.201	
Ethylbenzene*	0.070	0.050	03/20/2014	ND	1.88	94.1	2.00	0.709	
Total Xylenes*	<0.150	0.150	03/20/2014	ND	5.43	90.5	6.00	0.115	
Total BTEX	<0.300	0.300	03/20/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	143 9	6 89.4-12	26						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6080	16.0	03/20/2014	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	<50.0	50.0	03/20/2014	ND	225	112	200	5.05	
DRO >C10-C28	949	50.0	03/20/2014	ND	213	106	200	2.35	
Surrogate: 1-Chlorooctane	71.2	% 65.2-14	10						
0	/1.2	00.217	•						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



		BBC Interr Cliff Bruns P.O. Box 8 Hobbs NM	805		
		Fax To:	(575) 397-0397	7	
Received:	03/18/2014			Sampling Date:	03/06/2014
Reported:	03/25/2014			Sampling Type:	Soil
Project Name:	RED TANK 34 #2			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Amanda Ponce
Project Location:	C-29				

Sample ID: SP 1 @ 2 FT (H400808-02)

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	03/19/2014	ND	2.01	101	2.00	0.775	
Toluene*	<0.050	0.050	03/19/2014	ND	1.92	96.0	2.00	0.201	
Ethylbenzene*	<0.050	0.050	03/19/2014	ND	1.88	94.1	2.00	0.709	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	5.43	90.5	6.00	0.115	
Total BTEX	<0.300	0.300	03/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	03/20/2014	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/20/2014	ND	225	112	200	5.05	
DRO >C10-C28	139	10.0	03/20/2014	ND	213	106	200	2.35	
Surrogate: 1-Chlorooctane	84.5 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	96.2 9	63.6-15							

Sample ID: SP 1 @ 4 FT (H400808-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	03/20/2014	ND	400	100	400	3.92	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



		BBC Interna Cliff Brunso P.O. Box 80 Hobbs NM,	n 5		
		Fax To:	(575) 397-0397		
Received:	03/18/2014			Sampling Date:	03/06/2014
Reported:	03/25/2014			Sampling Type:	Soil
Project Name:	RED TANK 34 #2			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Amanda Ponce
Project Location:	C-29				

Sample ID: SP 1 @ 6 FT (H400808-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	03/20/2014	ND	400	100	400	3.92	

Sample ID: SP 1 @ 8 FT (H400808-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	03/20/2014	ND	400	100	400	3.92	

Sample ID: SP 1 @ 9 FT (H400808-06)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3480	16.0	03/20/2014	ND	400	100	400	3.92	

Sample ID: SP 1 @ 12 FT (H400808-07)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/20/2014	ND	400	100	400	3.92	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



		BBC Interna Cliff Brunson P.O. Box 80 Hobbs NM,	n 5		
		Fax To:	(575) 397-0397		
Received:	03/18/2014			Sampling Date:	03/06/2014
Reported:	03/25/2014			Sampling Type:	Soil
Project Name:	RED TANK 34 #2			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Amanda Ponce
Project Location:	C-29				

Sample ID: SP 2 @ 1 FT (H400808-08)

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	03/19/2014	ND	2.01	101	2.00	0.775	
Toluene*	<0.050	0.050	03/19/2014	ND	1.92	96.0	2.00	0.201	
Ethylbenzene*	<0.050	0.050	03/19/2014	ND	1.88	94.1	2.00	0.709	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	5.43	90.5	6.00	0.115	
Total BTEX	<0.300	0.300	03/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	03/20/2014	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	03/20/2014	ND	197	98.7	200	0.404	
DRO >C10-C28	<10.0	10.0	03/20/2014	ND	192	95.9	200	0.866	
Surrogate: 1-Chlorooctane	82.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	83.1	% 63.6-15	4						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



		BBC Interna Cliff Brunso P.O. Box 80 Hobbs NM,	n 15		
		Fax To:	(575) 397-0397		
Received:	03/18/2014			Sampling Date:	03/06/2014
Reported:	03/25/2014			Sampling Type:	Soil
Project Name:	RED TANK 34 #2			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Amanda Ponce
Project Location:	C-29				

Sample ID: SP 2 @ 2 FT (H400808-09)

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	03/19/2014	ND	2.01	101	2.00	0.775	
Toluene*	<0.050	0.050	03/19/2014	ND	1.92	96.0	2.00	0.201	
Ethylbenzene*	<0.050	0.050	03/19/2014	ND	1.88	94.1	2.00	0.709	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	5.43	90.5	6.00	0.115	
Total BTEX	<0.300	0.300	03/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	03/20/2014	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	03/20/2014	ND	197	98.7	200	0.404	
DRO >C10-C28	<10.0	10.0	03/20/2014	ND	192	95.9	200	0.866	
Surrogate: 1-Chlorooctane	102 %	65.2-14	0						
	102 %	63.6-15							

Sample ID: SP 2 @ 4 FT (H400808-10)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/20/2014	ND	400	100	400	3.92	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/18/2014	Sampling Date:	03/06/2014
Reported:	03/25/2014	Sampling Type:	Soil
Project Name:	RED TANK 34 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Amanda Ponce
Project Location:	C-29		

Sample ID: SP 2 @ 6 FT (H400808-11)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/20/2014	ND	400	100	400	3.92	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

APPOINT LABORATORES (INTER NUMPLICABORATORES) (INTER NumPlicaboration (International, International, Internating International, International, Internatio, Internationa	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
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Received by OCD: 3/8/2023 3:16:13 PM

Sampler - UPS - Bus - Other:

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

Page 40 of 44

Page 9 of 10

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	101 East Marland, Hobbs, NM 88240	240					
	10	0					
Company Name:			EILL TO			ANALYSIS REQUEST	
Project Manager:	Cliff Brunson	1	P.O. #:				
Address: P.O. I	P.O. Box 805	0	Company:				• .
city: Hobbs	State: NM	Zip: 88241	Attn:				
Phone #: 575-3	575-397-6388 Fax #: 575	575-397-0397	Address:				
Project #:	Project Owner: のXい		city: Av				
Project Name:	CHAR YOUT POU		State: Zip:				
1¥	5		#				
Sampler Name:	[S	Π	Fax #:				
		MATRIX	PRESERV SAMPLING	G			
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Lab I.D.	Sample I.D.)RAB OR (C CONTAINER ROUNDWAT ASTEWATE DIL L UDGE	THER : DID/BASE: E / COOL THER :	CL-	· · · · · · · · · · · · · · · · · · ·		. <u>-</u>
	SP20 6F+ -	X	X 3-6-N	J:30 K			
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PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Card	PLEASE MOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any dain arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cursue whatever shall be demend waived unless made in writing and received by Cardinal which 30 days after competion of the splitable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, thesishess informations, loss of use, or toss of profits incurred to client its existing-as service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, takings, or loss of use, or loss of profits incurred to client its existing-as the service of the se	ny claim arising whether based in contract or leemed waived unless made in writing and re without limitation, business interruptions, loss	tort, shall be limited to the amount paid to ceived by Cardinal within 30 days after c s of use, or loss of profits incurred by clie	y the client for the ompletion of the applicable nt its subsidiaries			l
Relinguished By:	Relinquished By: Date: //	Received By:	ased upon any of the above stated reasc	11		Add'I Phone #:	
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† Cardinal ca	Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476	fax written changes to 50	5-393-2476				

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District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV

State of New Mexico Energy Minerals and Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr.

Form C-141 Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back

Release Notification and Corrective Action OPERATOR Initial Repo Name of Company Oxy USA Inc. Contact Chancey Summers Address 1017 W. Stanolind Rd, Hobbs, NM Telephone No. (575) 397-8216 Facility Name Red Tank 34 Federal #2 CTB Facility Type Battery Surface Owner BLM Mineral Owner API No. LOCATION OF RELEASE Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line Count 34 22S 32E Iongitude W 103.65597° Lea C NATURE OF RELEASE Type of Release Oil and Produced water Volume of Release 0.5 bbls of produce water Source of Release 2" steel line production line Date and Hour of Occurrence Date and Hour of 2/25/2014 Was Inumediate Notice Given? M required Goeffrey Leking- NMOCD, Jennifer Van Curen- BLM By Whom? Kathy Purvis, BBC International Date and Hour 02/26/2014 @ 3:44 pm Was a Watercourse Reached? If Yes No No Instis No	······································
Name of Company Oxy USA Inc. Contact Chancey Summers Address 1017 W. Stanolind Rd, Hobbs, NM Telephone No. (575) 397-8216 Facility Name Red Tank 34 Federal #2 CTB Facility Type Battery Surface Owner BLM Mineral Owner API No. LOCATION OF RELEASE LOCATION OF RELEASE Count Lea C Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line Count 34 22S 32E Iongitude W 103.65597° Lea C NATURE OF RELEASE Type of Release Oil and Produced water Volume of Release 0.5 bbl of ol and 20.5 bbls of produce water Volume Recover Source of Release 2 " steel line production line Date and Hour of Occurrence Date and Hour of Occurrence Date and Hour of Occurrence Was Immediate Notice Given? M Yes Not Required Mot Required Bate and Hour 02/26/2014 @ 3:44 pm Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. If YES, Volume Impacting the Watercourse.	
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Vas a Watercourse Reached? If YES, Volume Impacting the Watercourse.	M
Vas a Watercourse Reached? If YES, Volume Impacting the Watercourse.	
f a Watercourse was Impacted, Describe Fully.*	
Describe Cause of Problem and Remedial Action Taken.* A leak in the 2 inch steel line from the production separator to the tanks spilled 0.5 bbl of oil and 20.5 bbls of produced water onto the vere recovered and the line was repaired. Describe Area Affected and Cleanup Action Taken.*	
he affected area was approximately 14' x 22' inside the berm. Remediation will be completed in accordance with a plan approved nd the BLM.	ed by both the NMOCD
hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to l egulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases who bublic health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the hould their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliant ederal, state, or local laws and/or regulations.	which may endanger operator of liability ce water, human health nce with any other
ignature: OIL CONSERVATION DIVIS	ISION
rinted Name: Chancey Summers Approved by District Supervisor:	
itle: HES Coordinator Approval Date: Expiration Date:	
mail Address: Change, Summers@arr.com	
2-mail Address: Chancey_Summers@oxy.com Conditions of Approval: Attack	

Date: 5-3-14 * Attach Additional Sheets If Necessary Phone: (575) 397-8216

Received by O	CD: 3/8/2	023 3:16:13	B PM									Page 43 of 4 4
District I 1625 N, French	ı Dr., Hobbs,	NM 88240				New Mex					j	Form C-141
District II 1301 W. Grand	Avenue, Art	esia, NM 8821(Э				al Resources					tober 10, 2003
District III 1000 Rio Brazo District IV	os Road, Azte	c, NM 87410				vation Di		Submit 2 Copies to appropriat District Office in accordance				
<u>District IV</u> 1220 S. St. Frat	icis Dr., Sant	a Fe, NM 8750.	5			n St. Franc e, NM 875			with Rule 116 on back side of form			
			Rel	ease Notifi		<u> </u>		ction				
						OPERA'			-	al Report	\boxtimes	Final Report
Name of Co		Oxy USA In				Contact (Chancey Summe					
		tanolind Rd, `ank 34 Fede				Telephone I Facility Typ	·····	7-8216				
Surface Ow				Mineral (<u>Dattory</u>		API No		<u> </u>	
L						N OF REI	TEASE			•		
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/W	est Line	County		
	34	228	32E				1			Lea County	7 NM	
	·	f		Latitude <u>N 32.3</u>	4976°	Longitu	de W 103.6559	1 <u>7</u> °		Lou count	y, 1 (1)1	
			_			OF REL		<u></u>				
Type of Rele	ase Oil ar	nd Produced v	vater		UKE	Volume of	Release 0.5 bbl		Volume R	ecovered	0 bbls	
Source of Re	lease 2 " ste	eel line produ	ction line				5 bbls of produce lour of Occurrenc		Date and I	Hour of Disc	overv	
Was Immedia		-				2/25/2014						
	ale nouce d		Yes	No 🗌 Not Re	equired	If YES, To Goeffrey L	whom? eking- NMOCD,	Jennifer	Van Curer	1- BLM		
By Whom?			rnational			Date and H	our 02/26/2014	4 @ 3:44	m	·		
Was a Watero	course Reac		Yes 🛛	1 No.			lume Impacting t					
If a Watercou	irse was Imr					<u> </u>						
	ngo was mit	, 1908011	oe i uny.									
Describe Cau	se of Proble	m and Remed	lial Action	ı Taken.*								
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were recovere	and the line	ne was repaire	productio ed.	n separator to the	tanks sp		of oil and 20.5 bb	ls of pro-	duced wate	r onto the gi	ound.	No fluids
Describe Area	a Affected a	nd Cleanup A	ction Tak	en,*						···· ·		
		1			~~~ ~ -1' - 4'	·	1	*. 1 .	1 1		-	
Geoffrey Leki	ing on NMC	CD via email	+ x 22 m l on 04/07	side the berm. R /2014 and approv	ed by Je	on was comp nnifer Van C	uren of the BLM	ce with t via emai	he remedia 1 on 04/07/	ition plan ap 2014.	proved	by
I hereby certif	y that the in	formation giv	/en above	is true and compl	ete to th	e best of my l	nowledge and ur	Iderstand	that pursu	ant to NMO	<u>CD rul</u>	es and
regulations all	l operators a	ire required to	report an	d/or file certain re	lease no	tifications an	d perform correct	ive actio	ns for relea	ases which n	nav end	anger
should their op	perations ha	ive failed to ac	dequately	e of a C-141 repo investigate and re	mediate	contaminatio	n that pose a thre	at to gro	und water.	surface wate	er hum	an health
or the environ federal, state,	ment. In ad	ldition, NMO	2D accept	ance of a C-141 r	eport do	es not relieve	the operator of re	esponsib	ility for co	mpliance wi	th any o	other
			philons.	-			OIL CONS	SERVA	TION I	DIVISIO	N	
Signature:			\geq	\prec								
Printed Name:	Chancev	/ Summers			A	pproved by I	District Superviso	_{r:} Jo	celyn Ha	arimon		
	Advisor					mmovel Det	. 07/13/2023					
						pproval Date	•	E	piration D	ate:		
E-mail Addres		ey_Summers@	a)oxy.com	1	C	onditions of .	Approval:			Attached		
Date: Attach Additi		6-19 IENocorr		ne: (575) 397-821	6							

tach Additional Sheets If Necessary

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

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

District III

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

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

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

CONDITIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	195115
	Action Type:
	[IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By		Condition Date
jharimon	None	7/13/2023

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