REVIEWED

By OCD District 1 at 2:16 pm, Jul 27, 2015

Closure ReportAPPROVED

By OCD District 1 at 2:17 pm, Jul 27, 2015

Ensure BLM approval/concurrence.

	Site Description
Site Name:	Red Tank 28 Federal #3 SWD Battery
Company:	Oxy Permian Ltd.
Legal Description:	U/L B, Section 28, T22S, R32E
County:	Lea County, NM
GPS Coordinates:	N 32.36860° W 103.67844°

	Release Data
Date of Release:	07/03/2014
Type of Release:	Oil, produced water, and rain water
Source of Release:	Skimmer tank overflowed
Volume of Release:	50 bbls
Volume Recovered:	40 bbls

Remediation Specifications							
Remediation Parameters:	Remove the contaminated soil inside the firewall. Excavate to a depth of 6 inches to 1 foot in the areas of SP1, SP2, and SP3. Backfill the site with clean soil.						
Remediation Activities:	05/14/2015 to 06/12/2015						

Plan Sent to OCD:	01/14/2015	Email from Cliff Brunson to Tomes Oberding
OCD Approval of Plan:	01/14/2015	Email from Tomas Oberding to Cliff Brunson
Plan Sent to BLM:	02/23/2015	Email from Cliff Brunson to Sol Hughes
BLM Approval of Plan:	02/24/2015	Email from Sol Hughes to Cliff Brunson

	Supporting Documentation
Initial C-141	Signed 07/16/2014
Final C-141	Signed 07/13/2015
Site Diagram	July 2014
Groundwater Plot	350'
TOPO Maps	July 2014
Lab Summary	10/21/2014
Lab Analysis	10/21/2014
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.

07/22/2015

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District III
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Revised October 10, 2003

Form C-141

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

Release Notification and Corrective Action

Name of Company Oxy USA Inc. Address 1017 W. Stanbink Mt, Hobbs, NM. Facility Name Red Tank 28 Federal #3 SWD Battery Facility Name Red Tank 28 Federal #3 SWD Battery Facility Type Battery Surface Owner BLM Mineral Owner LOCATION OF RELEASE Unit Letter Section Township B 28 32B Feet from the North/South Line Feet from the Rast/West Line County B 28 32B Latitude N.32,36869² Longitude W 103,67844² NATURE OF RELEASE Type of Release Sikimmer ank overflowed NATURE OF RELEASE Type of Release Sikimmer ank overflowed Only Produced Water, and rain water Volume of Release Sikimmer ank overflowed Was Immediate Notice Given? Type of Release Sikimmer ank overflowed Was Immediate Notice Given? Type Sign No Not Required Type Sign No Not Required By Whom? Jennifer Gikey, BBC International Was a Watercourse Reached? Yes Sign No If a Watercourse Reached? Yes Sign No If a Watercourse was Impacted, Desertibe Fully.* The affected area was approximately 30' x 200' on location. Remediation will be completed in accordance with a plan approved by both the NMOCD and the BLM. Describe Axo Affected and Cleanup Action Taken.* The affected area was approximately 30' x 200' on location. Remediation will be completed in accordance with a plan approved by both the NMOCD and the BLM. Describe Axo Affected and Cleanup Action Taken.* The affected area was approximately 30' x 200' on location. Remediation will be completed in accordance with a plan approved by both the NMOCD and the BLM. It hereby certify that the information given above is true and complete to fire best of my knowledge and understand that pursuant to NMOCD account to Blanch and perform corrective actions for release with may endanger public health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local lays and/or feduations. OIL CONSERVATION DIVISION Approved by District Supervisor: Altached Attached Attached Attached Actach							OPERA	FOR	\boxtimes	Initia	al Report		Final Report
Facility Name Red Tank 28 Federal #3 SWD Battery Facility Type Battery													
Surface Owner BLM													
LOCATION OF RELEASE	Facility Nar	ne Red T	ank 28 Fede	ral #3 SV	VD Battery		Facility Typ	e Battery			*		
Latitude N 32.36860° Longitude W 103.67844°	Surface Ow	ner BLN	M		Mineral O	wner			· · ·	API No	. 30-025-3	1754(n	earest well)
Latitude N 32.36860° Longitude W 103.67844°					LOCA	TIO	V OF REI	EASE					
Latitude N 32.36860° Longitude W 103.67844°	Unit Letter	Section	Township	Range					East/Wes	t Line	County		
Latitude N 32.36860° Longitude W 103.67844° NATURE OF RELEASE	В	28	22S	32E									
Type of Release Oil, Produced Water, and min water				1	atitude <u>N 32.36</u>	860°	Longitu	de <u>W 103.6784</u>	<u>4°</u>				
Type of Release Oil, Produced Water, and min water					NAT	URE	OF RELI	EASE					
Was Immediate Notice Given?	Type of Relea	ise Oil, P	roduced Wate	r, and rain					i V	olume F	Recovered	40 bbl	S
By Whom? Jennifer Gikey, BBC International By Whom? Jennifer Gikey, BBC International Date and Hour 07/11/2014 @ 3:08 pm If YES, Volume Impacting the Watercourse. If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* A skimmer tank overflowed and spilled 50 bbls of oil, produced water, and rain water onto the ground. A vacuum truck was able to recover 40 bbls of fluid. Describe Area Affected and Cleanup Action Taken.* The affected area was approximately 30" x 200" on location. Remediation will be completed in accordance with a plan approved by both the NMOCD and the BLM. 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 maked 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 health or the environment. In addiction, NMOCD 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 fegulations. OIL CONSERVATION DIVISION Signature: Approved by District Supervisor: Approved by District Supervisor: Approved by District Supervisor: Approved Date: E-mail Address: Chancey Summers@oxy.com Conditions of Approval: Attached Date: Phone: (575) 397-8216	Source of Rel	ease Skimi	mer tank over	flowed			I		e D	ate and	Hour of Dis	covery	
By Whom? Jennifer Gilkey, BBC International	Was Immedia	ite Notice G		Vac 🔽	No. Not Box	animad			Cal Haala	- DIM			
Was a Watercourse Reached?						quirea	Tomas Obe	raing- NMOCD,	Soi Hugne	S- BLM			
If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* A skimmer tank overflowed and spilled 50 bbls of oil, produced water, and rain water onto the ground. A vacuum truck was able to recover 40 bbls of fluid. Describe Area Affected and Cleanup Action Taken.* The affected area was approximately 30' x 200' on location. Remediation will be completed in accordance with a plan approved by both the NMOCD and the BLM. 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 health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws-aad/or regulations. OIL CONSERVATION DIVISION Signature: Printed Name: Chancey Summers Approved by District Supervisor: Approved by District Supervisor: Approved Date: Expiration Date: E-mail Address: Chancey Summers@oxy.com Conditions of Approval: Attached Date: Phone: (378) 397-8216				ternationa	.1								
Describe Cause of Problem and Remedial Action Taken.* A skimmer tank overflowed and spilled 50 bbls of oil, produced water, and rain water onto the ground. A vacuum truck was able to recover 40 bbls of fluid. Describe Area Affected and Cleanup Action Taken.* The affected area was approximately 30' x 200' on location. Remediation will be completed in accordance with a plan approved by both the NMOCD and the BLM. 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 health or the environment. In addition, NMOCD 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. OIL CONSERVATION DIVISION Signature: Printed Name: Chancey Summers Approved by District Supervisor: Approved by District Supervisor: Approved by District Supervisor: Approved by District Supervisor: Approved by Conditions of Approval: Attached Date: Phone: (575) 397-8216	Was a Watero	ourse Reac	_	Yes 🛛	No		If YES, Vo	lume Impacting th	he Waterco	ourse.			
Describe Cause of Problem and Remedial Action Taken.* A skimmer tank overflowed and spilled 50 bbls of oil, produced water, and rain water onto the ground. A vacuum truck was able to recover 40 bbls of fluid. Describe Area Affected and Cleanup Action Taken.* The affected area was approximately 30' x 200' on location. Remediation will be completed in accordance with a plan approved by both the NMOCD and the BLM. 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 health or the environment. In addition, NMOCD 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. OIL CONSERVATION DIVISION Signature: Printed Name: Chancey Summers Approved by District Supervisor: Approved by District Supervisor: Approved by District Supervisor: Approved by District Supervisor: Approved by Conditions of Approval: Attached Date: Phone: (575) 397-8216	If a Watercou	rse was Imp	pacted, Descri	be Fully.*									
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Approved by District Supervisor: Printed Name: Chancey Summers Approved by District Supervisor: Approval Date: Expiration Date: E-mail Address: Chancey Summers@oxy.com Conditions of Approval: Attached Phone: (575) 397-8216	regulations all public health of should their op or the environ	operators a or the environerations had ment. In ad-	are required to conment. The a live failed to ad Idition, NMOO	report and acceptance dequately CD accept	d/or file certain rel e of a C-141 report investigate and rer	ease no t by the nediate	otifications an NMOCD ma contamination	d perform correct rked as "Final Re on that pose a thre	ive actions port" does at to groun	for rele not relied d water.	ases which to eve the opera surface wat	nay end ator of er, hun	danger liability nan health
Approved by District Supervisor: Title: HES Advisor	•							OIL CONS	SERVA]	TION:	DIVISIO	N	
Approved by District Supervisor: Title: HES Advisor	Signature:)							_	
E-mail Address: Chancey Summers@oxy.com Conditions of Approval: Attached Phone: (575) 397-8216	Printed Name:	Chancey	Summers				Approved by I	District Superviso	r:				i
Date: Phone: (575) 397-8216	Title: HES	Advisor					Approval Date	:	Expi	iration I	Date;		
	E-mail Addres	s: Chanc	ey_Summers(@oxy.com	ı	0	Conditions of	Approval:			Attached		
	Date:	7-1	6-19	Phor	ie: (575) 397-8216								

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

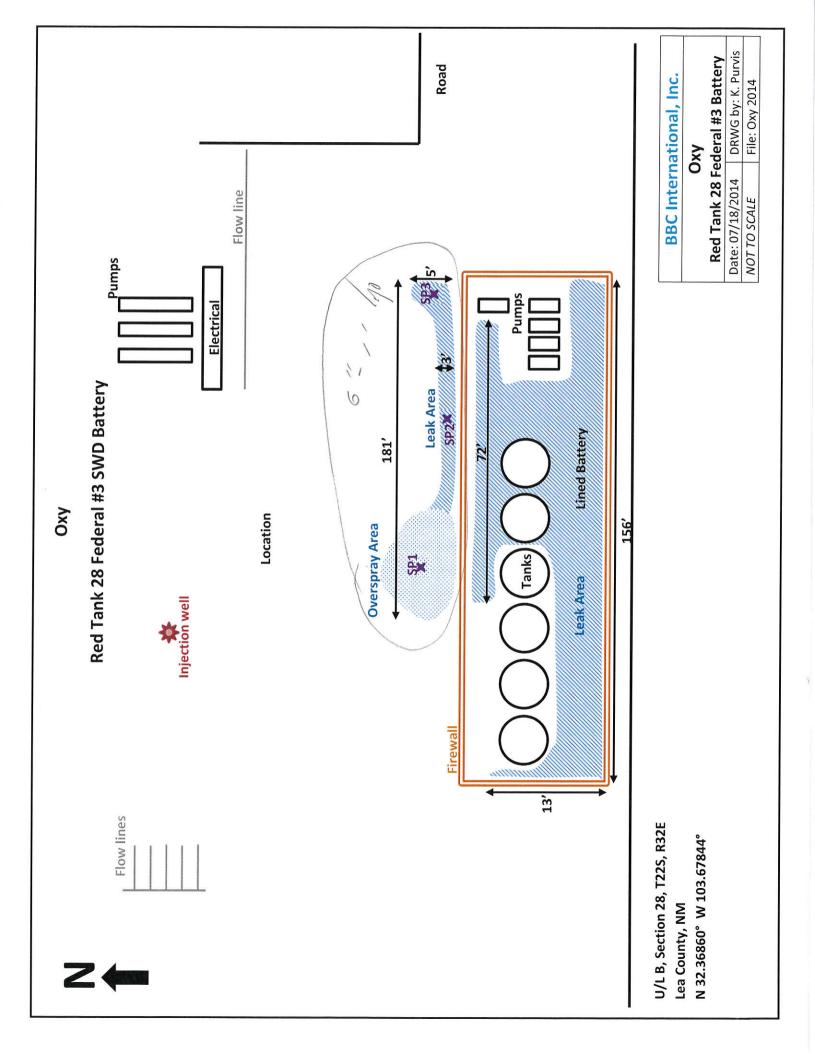
State of New Mexico Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011
Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

	·		Rel	ease Notifi	catio	n and Co	rrective A	ction		
						OPERA	ГOR	☐ Init	ial Report	Final Repo
Name of Co		Oxy Permia					Chancey Summe			
Address 6 Facility Nar		ive, Midland				Telephone N		5-5824		
Facility Nai	ne Ked	lank 28 Fed	ierai #3 S	WD Battery	!	Facility Typ	e Battery			
Surface Ow	ner BLN	1		Mineral ()wner			API N	o. 30-025-:	31754
				LOCA	ATIO	N OF REI	LEASE			
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	East/West Line	County	
В	28	22S	32E						Lea Count	v, NM
				Latitude N 32.3	68600	Longitu	de W 103.6784	1°		7,7
			•			J	,,	<u>+</u>		
T	0'1	. 1 1 .			URE	OF RELI				
Type of Relea		roduced wate mmer tank ov		water			Release 50 bbls our of Occurrence		Recovered Hour of Disc	40 bbls
Source of free	Cuse Sitt	minor tonik ov	CI IIO W Ca			07/03/2014		Date and	TIOUT OF DISC	Jovery
Was Immedia	ite Notice C					If YES, To		-		
				No 🔲 Not Ro	equired			Sol Hughes-BLM		
By Whom? Was a Watero		ilkey, BBC In	iternation:	al		Date and H		4 @ 3:08 pm		
was a watero	course Reac	nea?	Yes 🛚	No		If YES, Vo	lume Impacting t	he Watercourse.		
If a Watercou	rse was Imi	acted Descri	he Fully *	k						
	roe was min	340104, 2503011	oci uny.							
Describe Caus	se of Proble	m and Remed	lial Action	ı Taken.*						
A skimmer ta	nk overflow	ed and spilled	d 50 bbls	of oil, produced w	/ater, ar	nd rain water o	nto the ground.	A vacuum truck wa	as able to rec	over 40 bbls of
Describe Area	Affected a	nd Cleanup A	ction Tak	en.*		****				·
The affected a	rea is appro	oximately 30'	x 200' on	location. Remed nd approved by S	liation v	was completed	in accordance wi	ith the remediation	plan approv	ed by Tomas
Oboraing of f	TVIOCD VIE	Cilian on on	14/2013 4	nd approved by S	or mug	nes of the BLN	4 via eman on 02	724/2015.		
I hereby certif	y that the in	nformation giv	ven above	is true and compl	ete to t	he best of my l	knowledge and u	nderstand that purs	uant to NMC	OCD rules and
regulations all	operators a	are required to	report an	d/or file certain re	elease n	otifications an	d perform correct	tive actions for rel eport" does not rel	eases which r	nay endanger
should their or	perations ha	ive failed to a	decuptano decuately	investigate and re	rı oy ın emediat	e NMOCD ma e contaminatio	rked as "rinai Ke on that nose a thre	eport does not relieat to ground water	eve the opera	ator of liability er, human health
or the environ	ment. In ac	ldition, NMO	CD accept	tance of a C-141 i	report d	loes not relieve	the operator of r	esponsibility for c	ompliance wit	ith any other
federal, state,	or local law	s and/or regu	lations.							
	-		***		.		OIL CONS	SERVATION	<u>DIVISIO</u>	<u>N</u>
Signature.		4	-	Thereign (Same rayers			•			
Printed Name:	Changa	y Summers	7			Approved by I	Environmental Sp	ecialist:		
I IIIICG IVAIIIC.	Chance	Summers								
Title: HES	Lead			,, <u>.</u>		Approval Date	:	Expiration	Date:	
E-mail Addres		ey Summers	@oxy.con	<u>1</u>		Conditions of	Approval:		Attached	П
Date:	7-13	-15	Phone;	(432) 685-583	24				- washed	

^{*} Attach Additional Sheets If Necessary



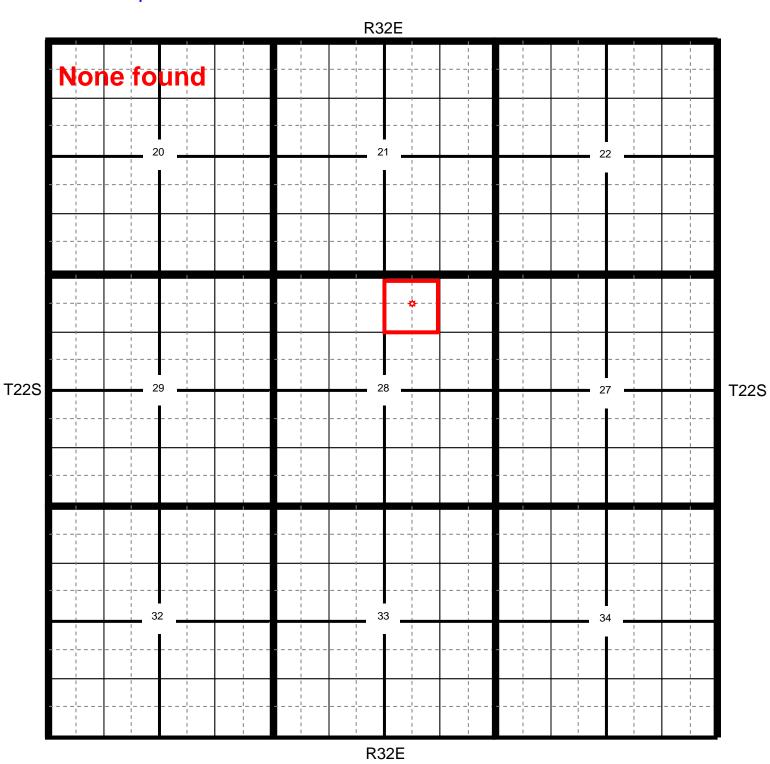


Groundwater Plot

Oxy Red Tank 28 Federal #3 SWD Battery

CountyUnit LetterSectionTownshipRangeLeaB2822S32E

Trend Map 350'



Location

OCD

USGS

SEO

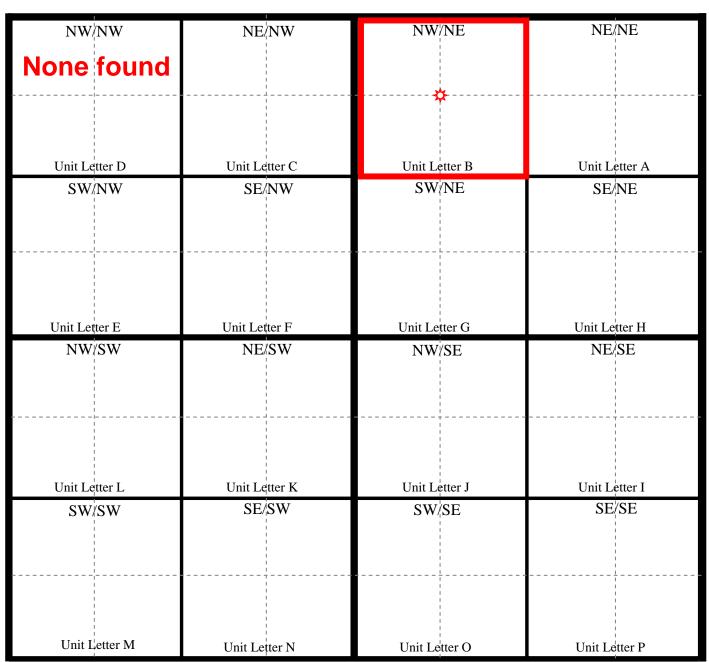
All Databases

Oxy Red Tank 28 Federal #3 SWD

CountyUnit LetterSectionTownshipRangeLeaB2822S32E

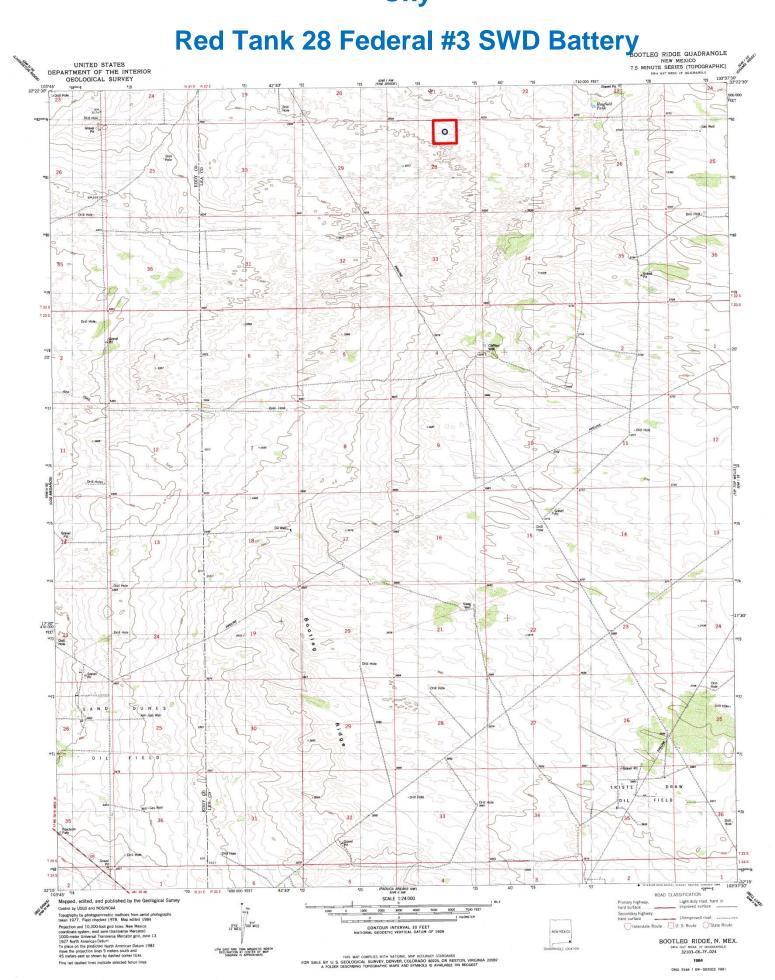
Trend Map 350'

1 2

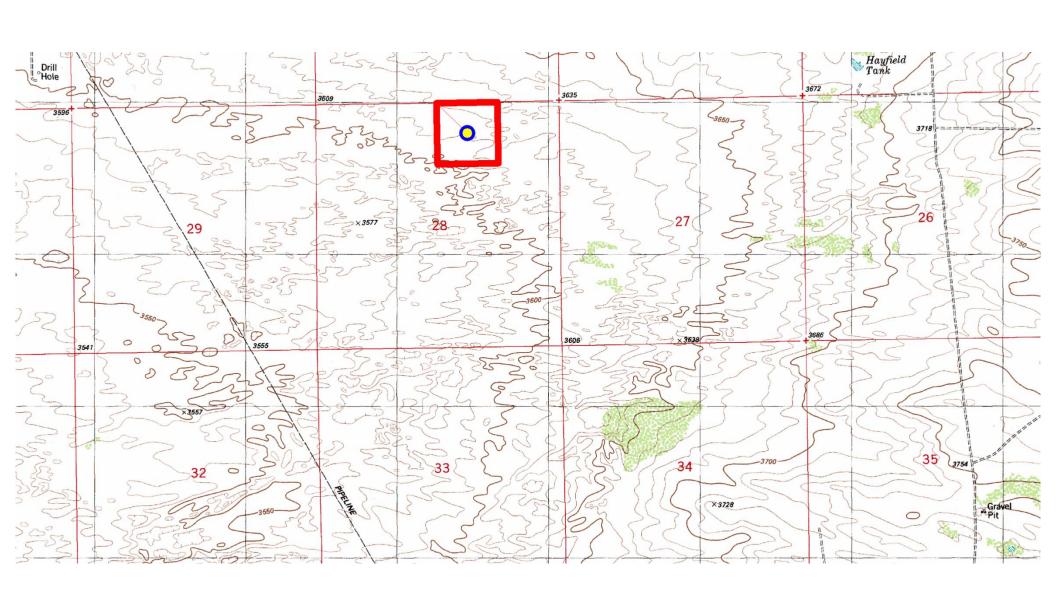


3

Oxy



Oxy
Red Tank 28 Federal #3 SWD Battery



Laboratory Analytical Results Summary Red Tank 28 Federal #3

		Sample	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	10/21/14	10/21/14	10/21/14
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	n/a
Toluene	BTEX 8021B		< 0.050	< 0.050	n/a
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		< 0.300	< 0.300	n/a
Chloride	SM4500CI-B		2400	400	128
GRO	TPH 8015M		<10.0	<10.0	n/a
DRO	TPH 8015M		118	<10.0	n/a

		Sample	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
Analyte	Method	Date	10/21/14	10/21/14	10/21/14	10/21/14
			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		3520	192	192	128
GRO	TPH 8015M		<200	<10.0	n/a	n/a
DRO	TPH 8015M		7160	<10.0	n/a	n/a

		Sample	SP3 @ SURFACE	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'
Analyte	Method	Date	10/21/14	10/21/14	10/21/14	10/21/14
			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		4160	1180	352	96
GRO	TPH 8015M		<200	<100	n/a	n/a
DRO	TPH 8015M		6100	1290	n/a	n/a



October 27, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 28 FEDERAL #3

Enclosed are the results of analyses for samples received by the laboratory on 10/23/14 10:20.

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)

Celey D. Keine

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. Keene

Lab Director/Quality Manager



BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 10/23/2014 Sampling Date: 10/21/2014

Reported: 10/27/2014 Sampling Type: Soil

Project Name: RED TANK 28 FEDERAL #3 Sampling Condition: Cool & Intact Project Number: **NOT GIVEN** Sample Received By: Jodi Henson

Project Location: LEA COUNTY, NM

Sample ID: SP 1 @ SURFACE (H403266-01)

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	10/24/2014	ND	1.99	99.3	2.00	2.06	
Toluene*	<0.050	0.050	10/24/2014	ND	1.89	94.6	2.00	1.81	
Ethylbenzene*	<0.050	0.050	10/24/2014	ND	1.79	89.3	2.00	2.72	
Total Xylenes*	<0.150	0.150	10/24/2014	ND	5.33	88.9	6.00	2.78	
Total BTEX	<0.300	0.300	10/24/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	10/23/2014	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	10/24/2014	ND	201	100	200	0.982	
DRO >C10-C28	118	10.0	10/24/2014	ND	188	94.1	200	1.63	
Surrogate: 1-Chlorooctane	98.69	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	113 9	6 52 1-17	6						

Surrogate: 1-Chlorooctadecane 113 % 52.1-176

Cardinal Laboratories *=Accredited Analyte

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 10/23/2014 Sampling Date: 10/21/2014

Reported: 10/27/2014 Sampling Type: Soil

Project Name: RED TANK 28 FEDERAL #3 Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Jodi Henson

Project Location: LEA COUNTY, NM

Sample ID: SP 1 @ 1' (H403266-02)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	10/24/2014	ND	1.99	99.3	2.00	2.06	
Toluene*	<0.050	0.050	10/24/2014	ND	1.89	94.6	2.00	1.81	
Ethylbenzene*	<0.050	0.050	10/24/2014	ND	1.79	89.3	2.00	2.72	
Total Xylenes*	<0.150	0.150	10/24/2014	ND	5.33	88.9	6.00	2.78	
Total BTEX	<0.300	0.300	10/24/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 61-154	1						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	10/23/2014	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	10/24/2014	ND	201	100	200	0.982	
DRO >C10-C28	<10.0	10.0	10/24/2014	ND	188	94.1	200	1.63	
Surrogate: 1-Chlorooctane	101 9	% 47.2-15	7						
C . 1 CH . 1	100.0	52.1.15							

108 % 52.1-176 Surrogate: 1-Chlorooctadecane

Sample ID: SP 1 @ 2' (H403266-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/23/2014	ND	400	100	400	3.92	

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 10/23/2014 Sampling Date: 10/21/2014

Reported: 10/27/2014 Sampling Type: Soil

Project Name: RED TANK 28 FEDERAL #3 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Project Location: LEA COUNTY, NM

Sample ID: SP 2 @ SURFACE (H403266-04)

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	10/24/2014	ND	1.99	99.3	2.00	2.06	
Toluene*	<0.050	0.050	10/24/2014	ND	1.89	94.6	2.00	1.81	
Ethylbenzene*	<0.050	0.050	10/24/2014	ND	1.79	89.3	2.00	2.72	
Total Xylenes*	<0.150	0.150	10/24/2014	ND	5.33	88.9	6.00	2.78	
Total BTEX	<0.300	0.300	10/24/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	% 61-154							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	10/23/2014	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<200	200	10/24/2014	ND	201	100	200	0.982	
			10/24/2014	ND	188	94.1	200	1.63	

Surrogate: 1-Chlorooctane 109 % 47.2-157
Surrogate: 1-Chlorooctadecane 545 % 52.1-176

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 10/23/2014 Sampling Date: 10/21/2014

Reported: 10/27/2014 Sampling Type: Soil

Project Name: RED TANK 28 FEDERAL #3 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Analyzed By: me

Project Location: LEA COUNTY, NM

ma/ka

Sample ID: SP 2 @ 1' (H403266-05)

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	10/24/2014	ND	1.99	99.3	2.00	2.06	
Toluene*	<0.050	0.050	10/24/2014	ND	1.89	94.6	2.00	1.81	
Ethylbenzene*	<0.050	0.050	10/24/2014	ND	1.79	89.3	2.00	2.72	
Total Xylenes*	<0.150	0.150	10/24/2014	ND	5.33	88.9	6.00	2.78	
Total BTEX	<0.300	0.300	10/24/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 61-154	!						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/23/2014	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	10/24/2014	ND	201	100	200	0.982	
DRO >C10-C28	<10.0	10.0	10/24/2014	ND	188	94.1	200	1.63	
Surrogate: 1-Chlorooctane	103 %	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	111 %	6 52.1-17	6						

Sample ID: SP 2 @ 2' (H403266-06)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/23/2014	ND	400	100	400	3.92	

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 10/23/2014 Sampling Date: 10/21/2014

Reported: 10/27/2014 Sampling Type: Soil

Project Name: RED TANK 28 FEDERAL #3 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Project Location: LEA COUNTY, NM

Sample ID: SP 2 @ 3' (H403266-07)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/23/2014	ND	400	100	400	3.92	

Sample ID: SP 3 @ SURFACE (H403266-08)

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	10/24/2014	ND	1.99	99.3	2.00	2.06	
Toluene*	<0.050	0.050	10/24/2014	ND	1.89	94.6	2.00	1.81	
Ethylbenzene*	<0.050	0.050	10/24/2014	ND	1.79	89.3	2.00	2.72	
Total Xylenes*	<0.150	0.150	10/24/2014	ND	5.33	88.9	6.00	2.78	
Total BTEX	<0.300	0.300	10/24/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61-154

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	10/23/2014	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<200	200	10/24/2014	ND	201	100	200	0.982	
DRO >C10-C28	6100	200	10/24/2014	ND	188	94.1	200	1.63	

Surrogate: 1-Chlorooctane 94.0 % 47.2-157
Surrogate: 1-Chlorooctadecane 229 % 52.1-176

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 10/23/2014 Sampling Date: 10/21/2014

Reported: 10/27/2014 Sampling Type: Soil

Project Name: RED TANK 28 FEDERAL #3 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Project Location: LEA COUNTY, NM

Sample ID: SP 3 @ 1' (H403266-09)

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	10/24/2014	ND	1.99	99.3	2.00	2.06	
Toluene*	<0.050	0.050	10/24/2014	ND	1.89	94.6	2.00	1.81	
Ethylbenzene*	<0.050	0.050	10/24/2014	ND	1.79	89.3	2.00	2.72	
Total Xylenes*	<0.150	0.150	10/24/2014	ND	5.33	88.9	6.00	2.78	
Total BTEX	<0.300	0.300	10/24/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	6 61-154							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	10/23/2014	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	<100	100	10/24/2014	ND	201	100	200	0.982	
DRO >C10-C28	1290	100	10/24/2014	ND	188	94.1	200	1.63	
Surrogate: 1-Chlorooctane	99.0 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	136 %	6 52.1-170	6						

Sample ID: SP 3 @ 2' (H403266-10)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/23/2014	ND	400	100	400	3.92	

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 10/23/2014 Sampling Date: 10/21/2014

Reported: 10/27/2014 Sampling Type: Soil

Project Name: RED TANK 28 FEDERAL #3 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Project Location: LEA COUNTY, NM

Sample ID: SP 3 @ 3' (H403266-11)

Chloride, SM4500CI-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	10/23/2014	ND	400	100	400	3.92	

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Notes and Definitions

S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or

matrix interference's.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

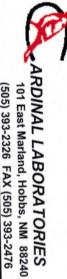
*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476		TOUR DECLIERT
Company Name: BBC International, Inc.	BILLYTO	ANALISIS REGOLO:
Project Manager: Cliff Brunson	P.O. #:	
Address: P.O. Box 805	Company:	
City: Hobbs State: NM Zip: 88241	Attn:	
Phone #: 575-397-6388 Fax #: 575-397-0397	Address:	
Project #: Project Owner: Oxy	City:	
Project Name: Red Tank 28 Federal #3	State: Zip:	
Project Location: Lea County, NM	Phone #:	
Sampler Name: Jeff Ornelas	Fax #:	
MATRIX	PRESERV. SAMPLING	

Sampler - Ora - bus - ourer.	Delivered By: (Circle One)	Relinquished by:	US Time:	Affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such damms uses upon any or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such damms uses upon any or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such damms uses upon any or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such damms uses upon any or successors. Phone Res Phone Res Fax Result	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to true amount page year. 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 competion of the applicable 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 competion of the applicable place. It is unless that the contract of the applicable place in the cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its substitutions are of the above staled reasons or otherwise.	O SP3 @ 2'	_	SP3 @ SURFACE	7 SP2 @ 3'	SP2 @ 2'	SP2@1'	4 SP2 @ SURFACE (5	3 SP1 @ 2'	2 SP1 @ 1'	SP1 @ SURFACE	Lab I.D. Sample I.D. (G)RAB OR (C)OMP
7	Cool Intact (Milias)	Men	Received By:	Received By:	n arising whether based in contract or tort, shall be limited to the arrivant part within 30 days at I waiwed unless made in writing and received by Cardinal within 30 days at I waiwed unless made in writing and received by Cardinal within 30 days at I waiwed to the shows stated to the above stated to the above stated to the above stated to the shows stated to the shows the stated to the shows the stated to the shows the stated to the shows stated to the shows the stated to the shows the shows the shows the shows at the shows the	1 10/21/14) / 10/21/14	1 10/21/14	10/21/14	10/21/14	10/21/14	10/21/14	10/21/14	10/21/14	1 10/21/14	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:
			REMARKS:	Phone Result: ☐ Yes Fax Result: ☐ Yes	ter completion of the applicable client, its subsidiaries, reasons or otherwise.	2:40 PM		10/21/14 2:00 PM 🗸 🗸	10/21/14 1:09 PM 🗸	10/21/14 11:49 AM	11:25 AM 🗸 🗸	10/21/14 10:50 AM V	10:16 AM	10/21/14 9:51 AM V V	9:30 AM 🗸 🗸	CL
				□ No Add'l Phone #: □ No Add'l Fax #:			_									BTEX

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

Page 10 of 11



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Mariand, nobbs, NW 90240		
(505) 393-2326 FAX (505) 393-2476		ANALYSIS REQUEST
pany Name: BBC International, Inc.	BILL TO	ANALIGIO REGOTO:
Monagor: Cliff Princon	P.O. #:	
Ct manager: Cill Digitation		
D O Boy 805	Company:	

(505) 393-2326 FAX (505) 393-2476	24/6		ANALYSIS REQUEST
Company Name: BBC International, Inc.		BILLYTO	ANACIOIO NEGOCIO:
Project Manager: Cliff Brunson	P.O. #:		
Address: P.O. Box 805	Company:		
City: Hobbs State: NM	M Zip: 88241 Attn:		
5-397-6388 Fax #:	575-397-0397 Address:		
Project #: Project Owner: Oxy	ner: Oxy		
ame: Red Tank 28 Federal	State:	Zip:	
Project Location: Lea County, NM	Phone #:		
- 1	Fax #:	1	
FOR LAB USE ONLY	RS TER	KV. SAMIFLING	
Lab I.D. Sample I.D. 바ャッパ	(G)RAB OR (C) # CONTAINER GROUNDWA' WASTEWATE SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL	TIME	
N SP3 @ 3'	<	10/21/14 2:5/ PM 🗸	
1000			
100			
		inited to the amount paid by the client for the	
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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 same. Relinquished By: Time: Mana.	der by Cardinal, regardless of whether such claim is based upon an Received By:	Phone Result:	'es □ No Add'I Phone #: 'es □ No Add'I Fax #:
Relinquished By:	3	SOM	
Delivered By: (Circle One)	Sample Condition CH Cool Intact Types Types	CHECKED BY:	
Callibra		7.	

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

Page 11 of 11

Kathy Purvis

From: Oberding, Tomas, EMNRD <Tomas.Oberding@state.nm.us>

Sent: Wednesday, January 14, 2015 3:40 PM

To: Cliff Brunson

Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis

Subject: RE: OXY-Red Tank 28 Federal #3 SWD Battery - Remediation Plan

Aloha Cliff.

Your RP is 3182.

This message confirms our discussion yesterday and conditional approval of the plan as proposed (contingent on BLM agreement).

Please keep us informed.

Cheers -Doc

Tomáš 'Doc' Oberding, PhD Hydrologist-Advanced Oil Conservation Division, EMNRD (575) 393-6161 ext 111

E-Mail: tomas.oberding@state.nm.us

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notification, please contact me.

From: Cliff Brunson [mailto:cbrunson@bbcinternational.com]

Sent: Wednesday, January 14, 2015 3:21 PM

To: Oberding, Tomas, EMNRD

Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis

Subject: OXY-Red Tank 28 Federal #3 SWD Battery - Remediation Plan

Tomas,

This e-mail is to confirm our conversation yesterday, January 13, 2015 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. The agreed upon remediation parameters are on the first page which is the site drawing with your initials beside the excavation depths. We are requesting BLM approval as well. We never received an RP numbers for this leak.

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) 397-0397

 $\textbf{E-Mail:} \ \underline{cbrunson@bbcinternational.com}$

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Kathy Purvis

From: Sent: To: Cc: Subject:	Hughes, Solomon <shughes@blm.gov> Tuesday, February 24, 2015 9:59 AM Cliff Brunson C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis Re: FW: OXY-Red Tank 28 Federal #3 SWD Battery - Remediation Plan</shughes@blm.gov>
Mr. Brunson,	
This plan is approved as written	n with the following conditions of approval:
adequately investigate and remother aspects of the natural envevent that location does not reasked to address the location un	does not relieve the operator of liability, should their operations fail to ediate contamination that may pose a threat to groundwater, surface water, any ironment, human health, or if the location does not properly reclaim. In such an vegetate, or future issues with contaminants are encountered, the operator will be ntil contaminant issues are fully mitigated and the location is successfully pproval does not relieve the operator of responsibility for compliance with any vs/regulations.
Bests,	
Sol	
Sol Hughes Environmental Protection Divis Bureau of Land Management 620 E. Greene St Carlsbad, NM	sion
Office: 575.234.5951 Cell: 575.499.3378	
On Mon, Feb 23, 2015 at 4:09	PM, Cliff Brunson < <u>cbrunson@bbcinternational.com</u> > wrote:
Sol,	

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 Tomas Oberding of the NMOCD. His email follows this message.

If you will review the diagram on the attachment, it depicts the remediation plan and the areas and depths of the excavations. After the soil is excavated, 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

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From: Oberding, Tomas, EMNRD [mailto: Tomas. Oberding@state.nm.us]

Sent: Wednesday, January 14, 2015 3:40 PM

To: Cliff Brunson

Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis

Subject: RE: OXY-Red Tank 28 Federal #3 SWD Battery - Remediation Plan

Aloha Cliff,

Your RP is 3182.

This message confirms our discussion yesterday and conditional approval of the plan as proposed (contingent on BLM agreement).

Please keep us informed.

Cheers

-Doc

Tomáš 'Doc' Oberding, PhD

Hydrologist-Advanced

Oil Conservation Division, EMNRD

(575) 393-6161 ext 111

E-Mail: tomas.oberding@state.nm.us

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notification, please contact me.

From: Cliff Brunson [mailto:cbrunson@bbcinternational.com]

Sent: Wednesday, January 14, 2015 3:21 PM

Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis Subject: OXY-Red Tank 28 Federal #3 SWD Battery - Remediation Plan
Tomas,
This e-mail is to confirm our conversation yesterday, January 13, 2015 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. The agreed upon remediation parameters are on the first page which is the site drawing with your initials beside the excavation depths. We are requesting BLM approval as well. We never received an RP numbers for this leak.
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
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World-Wide Environmental Specialists
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E-Mail: cbrunson@bbcinternational.com

To: Oberding, Tomas, EMNRD

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