Closure Report

Site Description					
Site Name: Lost Tank 4 Federal #19 Battery					
Company:	Oxy Permian Ltd.				
Legal Description:	U/L C, Section 4, T22S, R31E				
County:	Eddy County, NM				
GPS Coordinates:	N 32.42677° W 103.78411°				

Release Data

Date of Release:	11/03/2014
Type of Release:	Oil and produced water
Source of Release:	Corrosion of a 2" steel production flow line
Volume of Release:	10 bbls oil, 30 bbls produced water
Volume Recovered:	0 bbls

Remediation Specifications								
Remediation Parameters:	Hand excavate the entire spill area to a depth of 2 feet. Backfill the site with clean soil.							
Remediation Activities:	08/10/2015 to 0	9/04/2015						
Plan Sent to OCD:	05/02/2015	Email from Cliff Brunson to Mike Bratcher						
OCD Approval of Plan:	05/29/2015	Email from Mike Bratcher to Cliff Brunson						
Plan Sent to BLM:	05/02/2015	Email from Cliff Brunson to Jeffrey Robertson						

	Supporting Documentation
Initial C-141	Signed 11/13/2014
Final C-141	Signed 09/11/2015
Site Diagram	November 2014
Groundwater Plot	125'-150'
TOPO Maps	November 2014
Lab Summary	03/03/2015
Lab Analysis	03/03/2015
Correspondence	Request and approval of remediation plan via email

06/25/2015

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.

BLM Approval of Plan:

09/21/2015

Email from Jeffrey Robertson to Cliff Brunson

State of New Mexico Energy Minerals and Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr.

Revised August 8, 2011

Form C-141

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Santa Fe, NM 87505

Release Notification	and Corrective Action	
		- 1

	OPERATOR	🔀 Initial Report	Final Report
Name of Company Oxy Permian Ltd.	Contact Chancey Summers		
Address 1017 W. Stanolind Rd, Hobbs, NM 88240	Telephone No. (575) 397-8216		
Facility Name Lost Tank 4 Federal #19 Battery	Facility Type Well/Battery		

Surface Owner

Mineral Owner

API No. 30-015-37896

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	4	225	31E					Eddy County, NM

Latitude <u>N 32.41907°</u>

Longitude <u>W 103.78400°</u>

NATURE OF RELEASE

Type of Release Oil and produced water	Volume of Release 10 bbls oil, 30 bbls produced water	Volume Re	covered 0 bbls
Source of Release Corrosion of a 2" steel production flow line	Date and Hour of Occurrence 11/03/2014	Date and H	our of Discovery
Was Immediate Notice Given?	If YES, To Whom?		
🛛 Yes 🗌 No 🗌 Not Required		ghes- BLM	
By Whom? Kathy Purvis, BBC International	Date and Hour 11/04/2014 @ 4	:29 pm	
Was a Watercourse Reached?	If YES, Volume Impacting the Wa	atercourse.	
🗌 Yes 🖾 No			
If a Watercourse was Impacted, Describe Fully.*			
Describe Cause of Problem and Remedial Action Taken.*			
Corrosion of a 2" steel production flow line caused 10 bbls of oil and 30	able of produced water to leak onto the	a mound No.	fluida ware recovered and the
line was repaired/replaced.	ons of produced water to leak onto the	ie ground. No	nuids were recovered and the
Describe Area Affected and Cleanup Action Taken.*			
The affected area is approximately 90' x 60' on and off location. Remedi NMOCD and the BLM.	ation will be completed in accordanc	e with a remed	iation plan approved by
I hereby certify that the information given above is true and complete to t regulations all operators are required to report and/or file certain release n public health or the environment. The acceptance of a C-141 report by th should their operations have failed to adequately investigate and remediat or the environment. In addition, NMOCD acceptance of a C-141 report d federal, state, or local laws and/or-regulations.	otifications and perform corrective ac e NMOCD marked as "Final Report" e contamination that pose a threat to	tions for releas does not reliev ground water, s	ses which may endanger /e the operator of liability surface water, human health
	OIL CONSER	VATION Γ	DIVISION
Signature:		<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
Printed Name: Chancey Summers	Approved by Environmental Speciali	st:	
Title: HES Advisor	Approval Date:	Expiration Da	ite:
	Conditions of Approval:		Attached
Date: //-/3-/9 Phone: (575) 397-8216			

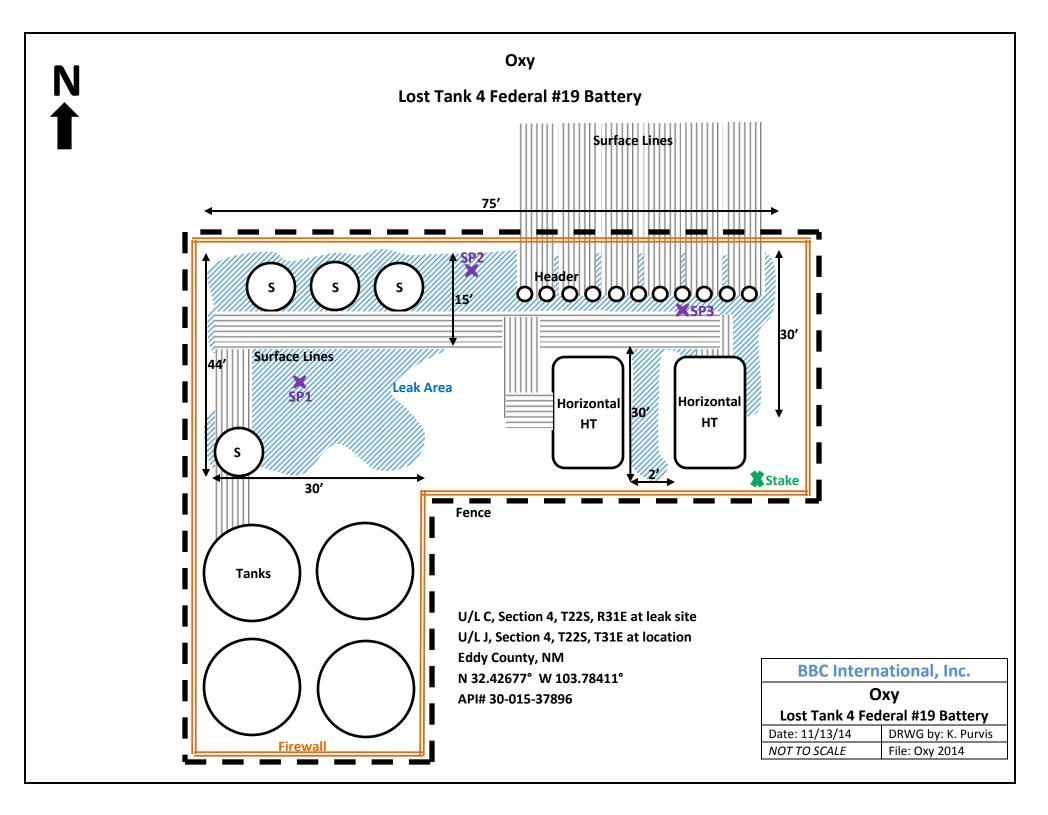
* Attach Additional Sheets If Necessary

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1220 S. St. Fra 	neis Dr., San	ta Fe, NM 8750.	5	Sar	ita Fo	e, NM 875	05					
			Rel	ease Notifica	atio	n and Co	orrective A	ction		· · ·		
						OPERA	ГOR	I	Initi	al Report	🛛 Final R	eport
Name of C		Oxy Permia				Contact C	hancey Summe	ers		<u> </u>		
		rive, Midland				Telephone 1	/					
Facility Na	me Lost	Tank 4 Fede	eral #19]	Battery		Facility Typ	e Well/Batter	ry				
Surface Ow	vner BL	M		Mineral Ov	wner				API No	. 30-015-	37896	i
				LOCA	τιοι	N OF REI	EASE					
Unit Letter	Section	Township	Range			South Line	Feet from the	East/W	est Line	County	<u> </u>	
т		000	41 E					1				
J	4	228	31E							Eddy Cour	ıty, NM	
				Latitude <u>N 32.41</u>	<u>907°</u>	Longitu	de <u>W 103.7840</u>	<u>0°</u>				
				NATU	JRE	OF RELI	EASE					
Type of Rele	ease Oil a	nd produced v	vater				Release 10 bbls	oil,	Volume F	Recovered	0 bbls	
Source of Re	lease Co	mosion of a ?"	steel pro	luction flow line			duced water our of Occurrenc		Data and	Hour of Disc		
			steer pro	idenon now mic		11/03/2014			Date and	nour of Disc	Jovery	
Was Immedi	ate Notice (If YES, To						
				No 🗌 Not Req	uired		her- NMOCD, So					
By Whom? Was a Water		vis, BBC Inte	rnational			Date and H						
was a water	course read		Yes 🛛	No		II 1E5, VO	lume Impacting t	ne water	course.			
If a Watercou												
Describe Cau Corrosion of line was repa	a 2" steel p	roduction flow		n Taken.* ed 10 bbls of oil an	d 30 b	bls of produc	ed water to leak o	nto the g	cound. No	o fluids were	recovered and t	the
Describe Are	n Affected (and Cloonum A	ation Tak	on #								
The affected a	area is appr IMOCD via	oximately 90' email on 05/2	x 60' on a	and off location. Re d approved by Jeffi	emedia rey Ro	tion was com bertson of the	pleted in accorda BLM via email (nce with on 06/25/	the remed 2015 as w	liation plan a vell as Shelly	pproved by Mik / Tucker of the	ce
regulations al public health should their o	l operators : or the envir operations haument. In a	are required to conment. The ave failed to a ddition, DIMO	report an acceptanc dequately CD accept	is true and complet d/or file certain rele e of a C-141 report investigate and rem ance of a C-141 rep	ease no by the rediate	otifications an NMOCD ma contaminatio	d perform correct rked as "Final Re n that pose a thre	tive action port" doe at to grou	ns for rele s not relic and water.	ases which r eve the opera surface wat	nay endanger ator of liability er, human health	b
Signature:							OIL CONS	<u>SERVA</u>	TION .	DIVISIO	N	
Printed Name	: Chance	y Summers			A	Approved by I	Snvironmental Sp	ecialist:				
Title: HES	Lead				A	 Appro∨al Date	•	Ex	piration I	Date:		
E-mail Addre		cey.Summers(d	Doxy.com			Conditions of				Attached		
Date: $G \sim$	11-1	15	Phone:	(432) 685-5824	۰							

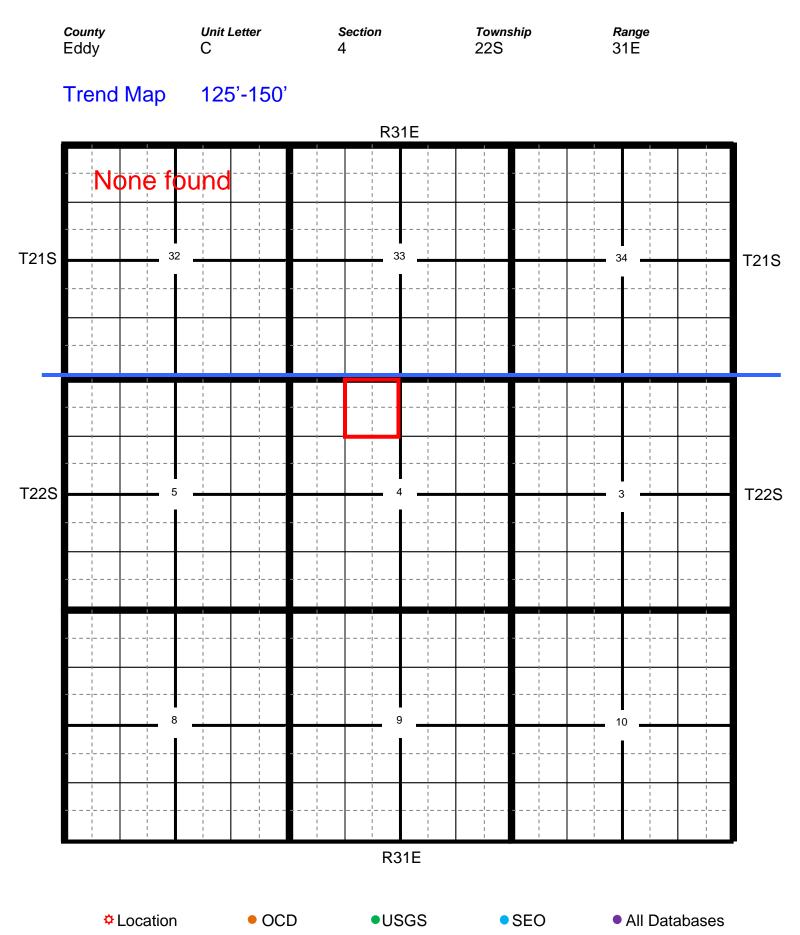
Date: <u>P</u> * Attach Additional Sheets If Necessary





Groundwater Plot

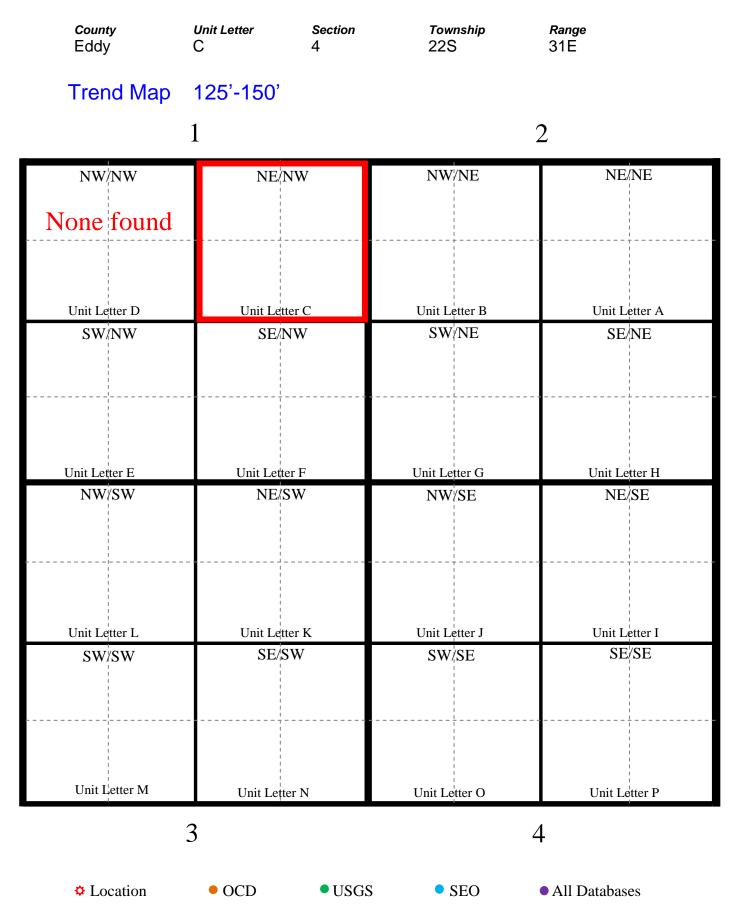
Oxy Lost Tank 4 Federal #19 Battery





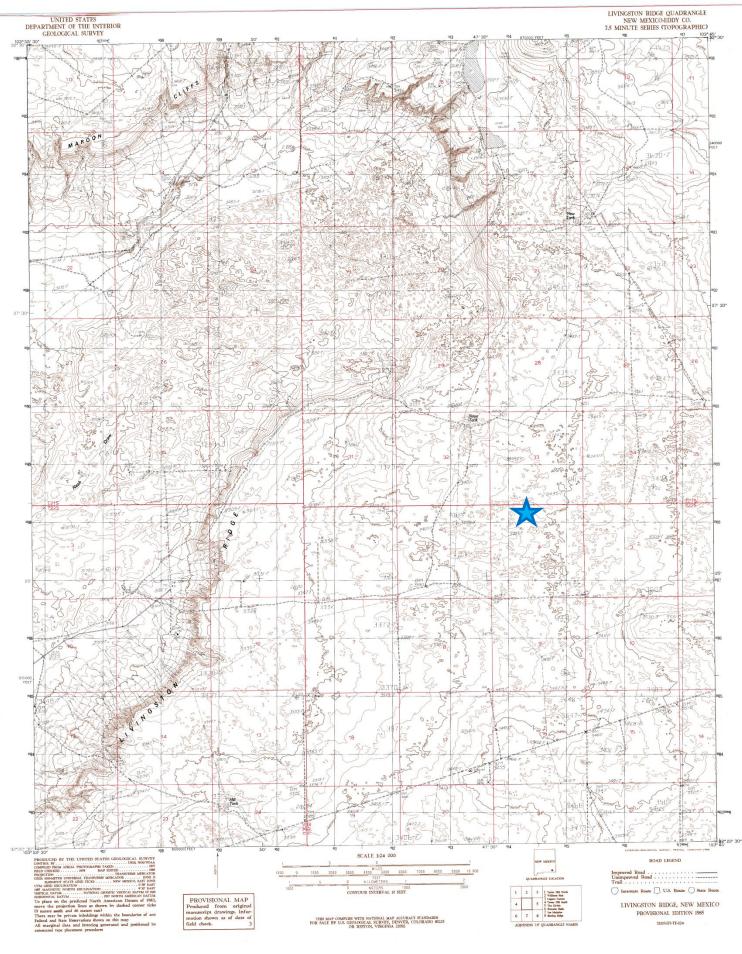
Section Quarters

Oxy Lost Tank 4 Federal #19 Battery



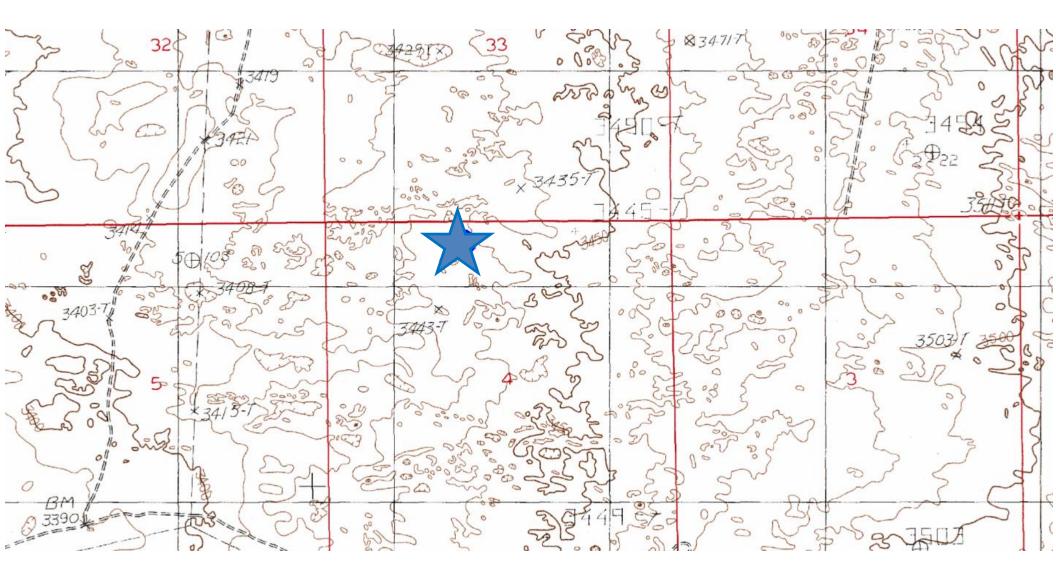
Оху

Lost Tank 4 Fed #19 Battery



Оху

Lost Tank 4 Fed#19 Battery



Laboratory Analytical Results Summary Lost Tank 4 Federal #19

		Sample	SP1 @ 1'	SP1 @ 3'	SP1 @ 5'	SP1 @ 7'
Analyte	Method	Date	3/3/15	3/3/15	3/3/15	3/3/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		1120	960	512	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		25.8	25.3	<10.0	<10.0

		Sample	SP2 @ 1'	SP2 @ 3'	SP2 @ 5'	SP2 @ 7'
Analyte	Method	Date	3/3/15	3/3/15	3/3/15	3/3/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	< 0.300	<0.300
Chloride	SM4500CI-B		4640	720	208	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample	SP3 @ 1'	SP3 @ 3'	SP3 @ 4'	SP3 @ 6'
Analyte	Method	Date	3/3/15	3/3/15	3/3/15	3/3/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		2240	752	208	64
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		81.3	<10.0	<10.0	<10.0



March 10, 2015

Cliff Brunson BBC International, Inc. P.O. Box 805 Hobbs, NM 88241

RE: LOST TANK 4 FEDERAL #19

Enclosed are the results of analyses for samples received by the laboratory on 03/05/15 9:45.

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:	03/05/2015	Sampling Date:	03/03/2015
Reported:	03/10/2015	Sampling Type:	Soil
Project Name:	LOST TANK 4 FEDERAL #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	WIPP		

Sample ID: SP 1 @ 1' (H500610-01)

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	03/07/2015	ND	1.98	99.0	2.00	10.2	
Toluene*	<0.050	0.050	03/07/2015	ND	1.77	88.4	2.00	10.1	
Ethylbenzene*	<0.050	0.050	03/07/2015	ND	2.07	103	2.00	10.6	
Total Xylenes*	<0.150	0.150	03/07/2015	ND	5.64	94.0	6.00	11.2	
Total BTEX	<0.300	0.300	03/07/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	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	1120	16.0	03/05/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/06/2015	ND	188	94.0	200	1.83	
DRO >C10-C28	25.8	10.0	03/06/2015	ND	196	98.2	200	1.27	
Surrogate: 1-Chlorooctane	81.2 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	92.8 9	52.1-17							

Cardinal Laboratories

*=Accredited Analyte

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

Received:	03/05/2015	Sampling Date:	03/03/2015
Reported:	03/10/2015	Sampling Type:	Soil
Project Name:	LOST TANK 4 FEDERAL #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	WIPP		

Sample ID: SP 1 @ 3' (H500610-02)

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	03/07/2015	ND	1.98	99.0	2.00	10.2	
Toluene*	<0.050	0.050	03/07/2015	ND	1.77	88.4	2.00	10.1	
Ethylbenzene*	<0.050	0.050	03/07/2015	ND	2.07	103	2.00	10.6	
Total Xylenes*	<0.150	0.150	03/07/2015	ND	5.64	94.0	6.00	11.2	
Total BTEX	<0.300	0.300	03/07/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	61-154	1						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	03/05/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/06/2015	ND	188	94.0	200	1.83	
DRO >C10-C28	25.3	10.0	03/06/2015	ND	196	98.2	200	1.27	
Surrogate: 1-Chlorooctane	89.2	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	93.7	52.1-17	1						

Cardinal Laboratories

*=Accredited Analyte

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

Received:	03/05/2015	Sampling Date:	03/03/2015
Reported:	03/10/2015	Sampling Type:	Soil
Project Name:	LOST TANK 4 FEDERAL #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	WIPP		

Sample ID: SP 1 @ 5' (H500610-03)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2015	ND	1.98	99.0	2.00	10.2	
Toluene*	<0.050	0.050	03/07/2015	ND	1.77	88.4	2.00	10.1	
Ethylbenzene*	<0.050	0.050	03/07/2015	ND	2.07	103	2.00	10.6	
Total Xylenes*	<0.150	0.150	03/07/2015	ND	5.64	94.0	6.00	11.2	
Total BTEX	<0.300	0.300	03/07/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	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	512	16.0	03/05/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/06/2015	ND	188	94.0	200	1.83	
DRO >C10-C28	<10.0	10.0	03/06/2015	ND	196	98.2	200	1.27	
Surrogate: 1-Chlorooctane	84.7 9	47.2-15	7						
Surrogate: 1-Chlorooctadecane	90.5 9	52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

Celez 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:	03/05/2015	Sampling Date:	03/03/2015
Reported:	03/10/2015	Sampling Type:	Soil
Project Name:	LOST TANK 4 FEDERAL #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	WIPP		

Sample ID: SP 1 @ 7' (H500610-04)

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	03/09/2015	ND	1.96	97.8	2.00	10.5	
Toluene*	<0.050	0.050	03/09/2015	ND	1.84	91.9	2.00	6.52	
Ethylbenzene*	<0.050	0.050	03/09/2015	ND	2.09	105	2.00	7.91	
Total Xylenes*	<0.150	0.150	03/09/2015	ND	5.64	94.0	6.00	9.81	
Total BTEX	<0.300	0.300	03/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	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	<16.0	16.0	03/05/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/06/2015	ND	188	94.0	200	1.83	
DRO >C10-C28	<10.0	10.0	03/06/2015	ND	196	98.2	200	1.27	
Surrogate: 1-Chlorooctane	84.4	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	93.8	52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

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

Received:	03/05/2015	Sampling Date:	03/03/2015
Reported:	03/10/2015	Sampling Type:	Soil
Project Name:	LOST TANK 4 FEDERAL #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	WIPP		

Sample ID: SP 2 @ 1' (H500610-05)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2015	ND	1.96	97.8	2.00	10.5	
Toluene*	<0.050	0.050	03/09/2015	ND	1.84	91.9	2.00	6.52	
Ethylbenzene*	<0.050	0.050	03/09/2015	ND	2.09	105	2.00	7.91	
Total Xylenes*	<0.150	0.150	03/09/2015	ND	5.64	94.0	6.00	9.81	
Total BTEX	<0.300	0.300	03/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	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	4640	16.0	03/05/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/06/2015	ND	188	94.0	200	1.83	
DRO >C10-C28	<10.0	10.0	03/06/2015	ND	196	98.2	200	1.27	
Surrogate: 1-Chlorooctane	86.5	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	93.7	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

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

Received:	03/05/2015	Sampling Date:	03/03/2015
Reported:	03/10/2015	Sampling Type:	Soil
Project Name:	LOST TANK 4 FEDERAL #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	WIPP		

Sample ID: SP 2 @ 3' (H500610-06)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2015	ND	1.96	97.8	2.00	10.5	
Toluene*	<0.050	0.050	03/09/2015	ND	1.84	91.9	2.00	6.52	
Ethylbenzene*	<0.050	0.050	03/09/2015	ND	2.09	105	2.00	7.91	
Total Xylenes*	<0.150	0.150	03/09/2015	ND	5.64	94.0	6.00	9.81	
Total BTEX	<0.300	0.300	03/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	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	720	16.0	03/05/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/06/2015	ND	188	94.0	200	1.83	
DRO >C10-C28	<10.0	10.0	03/06/2015	ND	196	98.2	200	1.27	
Surrogate: 1-Chlorooctane	80.2	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	88.8	52.1-17	6						

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Celez 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:	03/05/2015	Sampling Date:	03/03/2015
Reported:	03/10/2015	Sampling Type:	Soil
Project Name:	LOST TANK 4 FEDERAL #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	WIPP		

Sample ID: SP 2 @ 5' (H500610-07)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2015	ND	1.96	97.8	2.00	10.5	
Toluene*	<0.050	0.050	03/09/2015	ND	1.84	91.9	2.00	6.52	
Ethylbenzene*	<0.050	0.050	03/09/2015	ND	2.09	105	2.00	7.91	
Total Xylenes*	<0.150	0.150	03/09/2015	ND	5.64	94.0	6.00	9.81	
Total BTEX	<0.300	0.300	03/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	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	208	16.0	03/05/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/06/2015	ND	188	94.0	200	1.83	
DRO >C10-C28	<10.0	10.0	03/06/2015	ND	196	98.2	200	1.27	
Surrogate: 1-Chlorooctane	84.2	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	91.1	% 52.1-17	6						

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Celez 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:	03/05/2015	Sampling Date:	03/03/2015
Reported:	03/10/2015	Sampling Type:	Soil
Project Name:	LOST TANK 4 FEDERAL #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	WIPP		

Sample ID: SP 2 @ 7' (H500610-08)

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	03/09/2015	ND	1.96	97.8	2.00	10.5	
Toluene*	<0.050	0.050	03/09/2015	ND	1.84	91.9	2.00	6.52	
Ethylbenzene*	<0.050	0.050	03/09/2015	ND	2.09	105	2.00	7.91	
Total Xylenes*	<0.150	0.150	03/09/2015	ND	5.64	94.0	6.00	9.81	
Total BTEX	<0.300	0.300	03/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	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	<16.0	16.0	03/05/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/06/2015	ND	188	94.0	200	1.83	
DRO >C10-C28	<10.0	10.0	03/06/2015	ND	196	98.2	200	1.27	
Surrogate: 1-Chlorooctane	87.7	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	92.1	52.1-17	6						

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Celez 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:	03/05/2015	Sampling Date:	03/03/2015
Reported:	03/10/2015	Sampling Type:	Soil
Project Name:	LOST TANK 4 FEDERAL #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	WIPP		

Sample ID: SP 3 @ 1' (H500610-09)

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	03/09/2015	ND	1.96	97.8	2.00	10.5	
Toluene*	<0.050	0.050	03/09/2015	ND	1.84	91.9	2.00	6.52	
Ethylbenzene*	<0.050	0.050	03/09/2015	ND	2.09	105	2.00	7.91	
Total Xylenes*	<0.150	0.150	03/09/2015	ND	5.64	94.0	6.00	9.81	
Total BTEX	<0.300	0.300	03/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	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	2240	16.0	03/05/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/06/2015	ND	188	94.0	200	1.83	
DRO >C10-C28	81.3	10.0	03/06/2015	ND	196	98.2	200	1.27	
Surrogate: 1-Chlorooctane	91.0 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane									

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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

Received:	03/05/2015	Sampling Date:	03/03/2015
Reported:	03/10/2015	Sampling Type:	Soil
Project Name:	LOST TANK 4 FEDERAL #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	WIPP		

Sample ID: SP 3 @ 3' (H500610-10)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2015	ND	1.96	97.8	2.00	10.5	
Toluene*	<0.050	0.050	03/09/2015	ND	1.84	91.9	2.00	6.52	
Ethylbenzene*	<0.050	0.050	03/09/2015	ND	2.09	105	2.00	7.91	
Total Xylenes*	<0.150	0.150	03/09/2015	ND	5.64	94.0	6.00	9.81	
Total BTEX	<0.300	0.300	03/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	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	752	16.0	03/05/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/06/2015	ND	188	94.0	200	1.83	
DRO >C10-C28	<10.0	10.0	03/06/2015	ND	196	98.2	200	1.27	
Surrogate: 1-Chlorooctane	82.7 9	47.2-15	7						
Surrogate: 1-Chlorooctadecane	89.1	52.1-17	6						

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Celez 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:	03/05/2015	Sampling Date:	03/03/2015
Reported:	03/10/2015	Sampling Type:	Soil
Project Name:	LOST TANK 4 FEDERAL #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	WIPP		

Sample ID: SP 3 @ 4' (H500610-11)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2015	ND	1.96	97.8	2.00	10.5	
Toluene*	<0.050	0.050	03/09/2015	ND	1.84	91.9	2.00	6.52	
Ethylbenzene*	<0.050	0.050	03/09/2015	ND	2.09	105	2.00	7.91	
Total Xylenes*	<0.150	0.150	03/09/2015	ND	5.64	94.0	6.00	9.81	
Total BTEX	<0.300	0.300	03/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	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	208	16.0	03/05/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/06/2015	ND	188	94.0	200	1.83	
DRO >C10-C28	<10.0	10.0	03/06/2015	ND	196	98.2	200	1.27	
Surrogate: 1-Chlorooctane	83.9 9	47.2-15	7						
Surrogate: 1-Chlorooctadecane	89.5 9	52.1-17	6						

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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:	03/05/2015	Sampling Date:	03/03/2015
Reported:	03/10/2015	Sampling Type:	Soil
Project Name:	LOST TANK 4 FEDERAL #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	WIPP		

Sample ID: SP 3 @ 6' (H500610-12)

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	03/09/2015	ND	1.96	97.8	2.00	10.5	
Toluene*	<0.050	0.050	03/09/2015	ND	1.84	91.9	2.00	6.52	
Ethylbenzene*	<0.050	0.050	03/09/2015	ND	2.09	105	2.00	7.91	
Total Xylenes*	<0.150	0.150	03/09/2015	ND	5.64	94.0	6.00	9.81	
Total BTEX	<0.300	0.300	03/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	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	64.0	16.0	03/05/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/06/2015	ND	188	94.0	200	1.83	
DRO >C10-C28	<10.0	10.0	03/06/2015	ND	196	98.2	200	1.27	
Surrogate: 1-Chlorooctane	85.9 9	47.2-15	7						
Surrogate: 1-Chlorooctadecane	89.8 9	52.1-17	6						

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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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

	Y:	PLEASE NOTE: Liability and Damages. Cardina's liability and client's exclusive re analyses. All claims including those for negligence and any other cause whatsoever	10 La	in cup	Lab I.D. Sample I.D.	ame: Lost Tent cation: 4//PP lame: JAP Oct	ox 805 7-6388	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476 Company Name: BBC International, Inc. Project Manager: Cliff Brunson	
Sample Condition Sample Condition Cool Intact Cool Intact Cool Intact Cool Intact Intel Intel No No No No No No No No No No No No No No No No No No No N	Including without limitation, business interruptions, loss of use, or loss of provins unuin out upsy stater component of the applicable near by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Received By: Fance Result: Fax Result: ReMARKS:	Sp3c/ ges. Cardina's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the adjount paid for negligence and any other cause whatsoever shall be deemed waived unless made in writing and reserved by Centrum that the documt paid		××× ××××		A Felle 12 # State: Zip: A Phone #: Preserv SAMPLING	zip: 88241 397-0397		
	dient is subsidiaries asons or othewse Phone Result: Yes No Add'I Phone #: Fax Result: Yes No Add'I Fax #:	272 X X X 3/6 X X X 320 X X X ad by the client for the				PH ZEX		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	

Page 15 of 16

Relinquished By: Time: 00 Time: 00 Received By: Delivered By: Circle One) Time: 45 Sample Condition CHECI Sampler - UPS - Bus - Other: 3.42 Cool Intact Intact Intact + Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 Mo Mo Mo Mo	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ising whether based in analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in we service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interru affiliates or successors arising out-of or reglased to the performance of services hereunder by Cardinal, regardless of whether such Relinquished By: Date: Date: Date: Cardinal regardless of whether such Relinquished By: Date: Date: Cardinal regardless of the services hereunder by Cardinal regardless of whether such Relinquished By: Date: Date: Cardinal regardless of the services hereunder by Cardinal regardless of the services	GRO WAS	AB OR (C)OMP. NTAINERS UNDWATER TEWATER	Project Location:	Project #: 5/5-397-0397 Project Name: 657 Tank 4 Tank 4 Tank	7	Project Manager: Cliff Brunson	Company Name: DO 10 2326 FAX (505) 393-2476
A BE BRY	contract or fort, shall be limited to the amount paid by the client for the ting and received by Cardinal within 30 days after completion of the applicable protons, loss of use, or loss of profits incurred by client, its subsidiaries, h claim is based upon any of the above stated reasons or otherwise.		IR :	Phone #: Fax #:	l l ss	Company: Attn:	P.O. #: ANALYSIS REQUEST	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 16 of 16

Kathy Purvis

From:	Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us></mike.bratcher@state.nm.us>
Sent:	Friday, May 29, 2015 3:02 PM
То:	Cliff Brunson; Jeffery Roberston; James Amos
Cc:	Chris Jones; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	RE: OXY - Lost Tank 4 Federal #19 Battery - Remediation Plan

RE: OXY USA * Lost Tank 4 Fed 19 * 30-015-37896 * K-4-22s-31e NMOCD Tracking Number: 2RP-2602 * Date of release: 11/3/14

Cliff,

Your proposal for remediation of the above referenced release is approved. It is OCD's understanding that the proposed excavation depth is for the entire spill footprint.

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.

Mike Bratcher NMOCD District 2 811 S. First Street Artesia, NM 88210 O: 575-748-1283 X108 C: 575-626-0857 F: 575-748-9720

From: Cliff Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Saturday, May 02, 2015 7:30 PM
To: Bratcher, Mike, EMNRD; Jeffery Roberston; James Amos
Cc: Chris Jones; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY - Lost Tank 4 Federal #19 Battery - Remediation Plan

Mike, Jeffery, and Jim:

This e-mail is to request the OCD's and 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. If you will review the diagram on the attachment, it depicts the remediation plan and the area and depth of the excavations. After the soil is excavated, the site will be backfilled with clean soil.

If you gentlemen 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) 397-0397 E-Mail: <u>cbrunson@bbcinternational.com</u>

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Kathy Purvis

From:	Cliff Brunson <cbrunson@bbcinternational.com></cbrunson@bbcinternational.com>
Sent:	Thursday, June 25, 2015 4:08 PM
То:	Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	FW: FW: OXY - Lost Tank 4 Federal #19 Battery - Remediation Plan

Approval below...

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

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From: Robertson, Jeffery [mailto:jlrobertson@blm.gov]
Sent: Thursday, June 25, 2015 3:04 PM
To: Cliff Brunson
Subject: Re: FW: OXY - Lost Tank 4 Federal #19 Battery - Remediation Plan

This plan is approved as written by the Bureau of Land Management Carlsbad Field Office with the above listed conditions of approval. **This plan still needs to be approved by OCD.** BLM approval of this proposal does not relieve the operator of liability should their operations have failed to adequately investigate and re mediate contamination that may pose a threat to groundwater, surface water, human health, or the environment, or if the location fails to reclaim properly. In such an event that location does not re vegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws/regulations.

Thanks

Jeffery L. Robertson **BLM-CFO Natural Resource Specialist** Office: 575-234-2230 Cell: 575-706-1920

jlrobertson@blm.gov

On Thu, Jun 25, 2015 at 2:36 PM, Cliff Brunson <<u>cbrunson@bbcinternational.com</u>> wrote:

Jeff,

Here is the other one that we just talked about.... Cliff P. Brunson, CEI, CRS President BBC International, Inc. World-Wide Environmental Specialists Mailing Address: P. O. Box 805 Hobbs, NM 88241-0805 USA Shipping Address: 1324 W. Marland St. Hobbs, NM 88240 USA Phone: (575) 397-6388 Fax: (575) 397-0397 E-Mail: cbrunson@bbcinternational.com

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From: Cliff Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Saturday, May 2, 2015 7:30 PM
To: Mike Bratcher; Jeffery Roberston; James Amos
Cc: Chris Jones; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY - Lost Tank 4 Federal #19 Battery - Remediation Plan

Mike, Jeffery, and Jim:

This e-mail is to request the OCD's and 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. If you will review the diagram on the attachment, it depicts the remediation plan and the area and depth of the excavations. After the soil is excavated, the site will be backfilled with clean soil.

If you gentlemen 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

E-Mail: cbrunson@bbcinternational.com

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Kathy Purvis

From:	Cliff P. Brunson < cbrunson@bbcinternational.com>
Sent:	Tuesday, July 14, 2015 12:36 PM
То:	Kathy Purvis; Jennifer Gilkey
Subject:	Fwd: OXY - Lost Tank 4 Federal #19 Battery - Remediation Plan

Sent from my iPhone

Begin forwarded message:

From: "Tucker, Shelly" <<u>stucker@blm.gov</u>> Date: July 14, 2015 at 11:19:15 AM MDT To: <<u>cbrunson@bbcinternational.com</u>> Cc: <<u>Chancey_Summers@oxy.com</u>>, <<u>kswinney@bbcinternational.com</u>>, James Amos <<u>jamos@blm.gov</u>> Subject: Re: FW: OXY - Lost Tank 4 Federal #19 Battery - Remediation Plan

Mr. Brunson,

You have approval to proceed with the clean-up as designed in the submitted work plan.

If you have any questions or concerns, please feel free to contact me at any time.

Sincerely,

Shelly J. Tucker Environmental Protection Specialist Bureau of Land Management

620 E. Greene St Carlsbad, NM 88220

575.234.5905 - Direct 575.361.0084 - Cellular

<u>stucker@blm.gov</u>



On Tue, Jul 14, 2015 at 11:01 AM, Amos, James <jamos@blm.gov</td>

------ Forwarded message ------From: **Cliff Brunson** <<u>cbrunson@bbcinternational.com</u>> Date: Thu, Jun 25, 2015 at 10:19 AM Subject: FW: OXY - Lost Tank 4 Federal #19 Battery - Remediation Plan To: James Amos <<u>jamos@blm.gov</u>> Cc: C J Summers <<u>Chancey_Summers@oxy.com</u>>, Ken Swinney <<u>kswinney@bbcinternational.com</u>>

Jim,

CJ Summers with Oxy spoke to Shelly Tucker this morning about this remediation plan and she verbally approved it, therefore, I would like to confirm your written agreement with your approval as well. If you could please respond back with your approval, 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

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From: Cliff Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Saturday, May 2, 2015 7:30 PM
To: Mike Bratcher; Jeffery Roberston; James Amos
Cc: Chris Jones; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY - Lost Tank 4 Federal #19 Battery - Remediation Plan

Mike, Jeffery, and Jim:

This e-mail is to request the OCD's and 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. If you will review the diagram on the attachment, it depicts the remediation plan and the area and depth of the excavations. After the soil is excavated, the site will be backfilled with clean soil.

If you gentlemen 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

E-Mail: cbrunson@bbcinternational.com

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James A. Amos Bureau of Land Management Carlsbad Field Office Supervisory Environmental Protection Specialist 620 East Greene Street Carlsbad, NM. 88220 Office: (575) 234-5909 Fax: (575) 234-5927 Cell: (575) 361-2648 E-mail: jamos@blm.gov