Closure Report

Site Description								
Site Name:	Prize 27 Federal #2 Battery (4 leaks in the exact same place)							
Company:	Oxy Permian Ltd.							
Legal Description:	U/L P, Section27, T22S, R32E							
County:	Lea County, NM							
GPS Coordinates:	N 32.35709° W 103.65617°							

Release Data

Dates of Release:	04/01/2013, 04/29/2013, 02/11/2014, and 02/18/2014
Type of Release:	Oil and produced water
Source of Release:	Various reasons caused tank to spill over on 4 separate leaks
Volume of Release:	70 bbls; 200 bbls; 16 bbls; and 1bbl oil, 131 bbls water
Volume Recovered:	60 bbls, 180 bbls, 0 bbls, and 130 bbls

Remediation Specifications									
Remediation Parameters:		ed soils for all four leaks. Obtain confirmation fill the site with clean soil.							
Remediation Activities:	04/24/2014 to 05/06/2014								
Plan Sent to OCD:	08/07/2014	Email from Cliff Brunson to Tomas Oberding							

08/07/2014	Email from Cliff Brunson to Tomas Oberding
08/11/2014	Email from Tomas Oberding to Cliff Brunson
02/04/2014	Email from Cliff Brunson to J. Van Curen
06/30/2014	Meeting between C. Brunson & J. Van Curen
	08/11/2014 02/04/2014

Supporting Documentation							
Initial C-141	Signed 04/08/2013, 05/08/2013, 02/11/2014, and 02/19/2014						
Final C-141	All 4 signed on 10/10/2014						
Site Diagram	April 2013, May 2013, February 2014						
Groundwater Plot	425'						
TOPO Maps	April 2013						
Lab Summary	04/10/2013, 11/11/2013, and 04/30/2014						
Lab Analysis	04/10/2013, 11/11/2013, and 04/30/2014						
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.

10/20/2014

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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 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

Form C-141 Revised October 10, 2003

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

			Rel	ease Notifi	catio	n and C	orrective A	ction					
						OPERA	TOR	🖂 In	itial Report	П	Final Report		
Name of Company Oxy Permian Ltd. Address 1017 W. Stanolind Rd, Hobbs, NM						Contact CJ Summers							
				NM		Telephone No. (575) 397-8216							
Facility Na	ne Prize	27 Federal	#2			Facility Typ	be Battery						
Surface Ow	ner BLM			Mineral C	Owner			API	No. 30-025-3	31902			
		r			ATIO	N OF REI	LEASE						
Unit Letter	Section	Township	Range	Feet from the	North	/South Line	Feet from the	East/West Lin	East/West Line County				
P	27	225	32E	660'		South	660'	East	Lea				
			Ι	atitude N 32.3	<u>5709°</u>	Longitu	de <u>W 103.6561</u>	<u>7°</u>					
				NAT	'URE	OF RELI	EASE						
Type of Relea		iced water				Volume of		s Volume	Recovered	60 bb	ls		
Source of Rel	ease loss o	of power to tra	ansfer pun	np caused a tank t	o over	Date and H 04/1/2013	our of Occurrenc	e Date an	d Hour of Dise	covery			
Was Immedia	te Notice G					If YES, To	Whom?						
		\boxtimes	Yes 🗌	No 🗌 Not Re	quired		n Curen-BLM, Ji	m Amos-BLM a	nd Geoffrey L	eking-(DCD		
	Chancey S					Date and H	our 04/2/2013@	10:02 am					
Was a Waterc	ourse Reach	hed?	Yes 🖂	No		If YES, Vo.	lume Impacting th	ne Watercourse.	Jiwa -				
If a Watercour													
and the decou	se was mp	acted, Deserr	be Fully.										
Describe Caus	e of Probler	m and Remed	ial Action	Taken *									
via vacuum tru	to transfer j ick and pow	pump caused : /er was restore	a tank to c ed.	over spill 70 bbls o	of prod	uced water to I	leak onto the grou	und. 60 bbls of p	roduced water	were r	ecovered		
											5		
Describe Area		-											
The area affect	was appx.	85' by 35'. Lo	oss of pow	er to transfer pun	np caus	ed a tank to ov	er spill 70 bbls o	f produced water	to leak onto th	ne grou	nd. 60 bbls		
NMOCD and t	tion word in the	covered via va	acuum tru	ck and power was	restore	ed. Remediati	on will be perform	ned in accordance	e with an appr	oved p	lan from		
			_										
I hereby certify	that the inf	formation give	en above i	s true and comple	te to th	e best of my k	nowledge and un	derstand that pur	suant to NMO	CD rule	es and		
puone neann o	the enviror	nment. The ad	ccentance	or file certain reloof a C-141 report	by the	NMOCD mor	rod an "Einal Day	السنام والمسمول المسمو	•		1.11		
onourd mon op	stations nav	c latted to ad	equalety in	ivestigate and ren	nediate	contamination	that noce a threa	t to ground wate	a manfa a a mat	and here and	1 1.1		
or the environm federal, state, o	with mi aug	Indon, MINDE	Latteria	nce of a C-141 re	port do	es not relieve	the operator of rea	sponsibility for c	ompliance wit	h any o	other		
<u>1000010, 0000, 0</u>	Togatheme	-anteron logula	LIUIIS.		1		OIL CONST	EDVATION	DIVICION	T			
Signature:	\leq		>				OIL CONS	ERVATION	DIVISION	N			
Signature.	ontist.			-	_								
Printed Name:	Chancey	Summers			A	pproved by D	istrict Supervisor	:	2				
Title: HES S	pecialist				A	pproval Date:		Expiration	Date:				
E-mail Address	Chances	y.Summers@a	NY COM										
21/01	12					onditions of A	pprovai:		Attached				
Date: $1/D/$	$\underline{\smile}$		Phone	: (575) 397-8216									

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

			Rel	ease Notifi	catio	n and Co	orrective A	ction					
						OPERA '	TOR	🖂 In	itial Report	Final Report			
Name of CompanyOxy Permian Ltd.Address1017 W. Stanolind Rd, Hobbs, NM						Contact CJ Summers							
Facility Nat	me Prize	27 Federal	, Hobbs, #2	NM		Telephone I) /	-8216					
						Facility Typ	be Battery						
Surface Ow	Surface Owner BLM Mineral Ow							API 1	No. 30-025-3	1902			
					ATIO	N OF REI	LEASE						
Unit Letter	Section	Township	Range	Feet from the	North	orth/South Line Feet from the East/West			County				
P	27	225	32E	660'		South	660'	East	Lea				
	Latitude <u>N 32.3570</u>					Longitu	de <u>W 103.6561</u>	100 CO.					
						OF RELI		<u>, </u>					
Type of Relea		iced water			1	Volume of		ls Volume	Recovered	180 bbls			
Source of Rel	ease Fault	y check valve	on the wa	iter transfer pump		Date and H	our of Occurrence		d Hour of Disc				
Was Immedia	te Notice G	liven?				04/29/2013							
in us mineera			Yes 🔲	No 🔲 Not Re	quired	If YES, To Jennifer Va	Whom? n Curen-BLM, Ji	n Amos-BLM a	nd Geoffrey Le	king OCD			
By Whom?	Chancey S				-					King-OCD			
Was a Waterc	ourse Reach	hed?				If YES, Vol	our 05/01/2013 @ ume Impacting th	g 10:07 am					
			Yes 🛛	No			poving u	ie matereoutoe.					
If a Watercour	se was Imp	acted, Descril	be Fully.*										
Describe Caus	e of Proble	m and Damad	ial A ation	TT-1 ¥			55	· •					
A faulty check	valve on th	ne water transf	fer pump o	aused 200 bbls of	fproduc	ed water to le	ak onto the groun	d. 180 bbls of p	oduced water	were recovered			
via vacuum tru	ick and the	valve was rep	aired,				200 - 12000-0304126	nov portonnici nerozini periode 🖬					
Describe Area	Affected ar	nd Cleanup Ac	ction Take	n.*									
A faulty check	valve on th	e water transf	or numn a	avend 200 this .									
via vacuum tru	ck and the	valve was repa	aired. Ren	aused 200 bbls of rediation will be p	produc	ed water to lea	ak onto the ground	d. 180 bbls of p ved plan from Ni	oduced water	were recovered			
regulations all	that the ini	tormation give	en above is report and	s true and comple	te to the	best of my ki	nowledge and unc	lerstand that pur	uant to NMOC	CD rules and			
federal, state, or	torre Agentic	TUTUT, TATALOG		nce of a C-141 re	port doe	es not relieve t	the operator of res	ponsibility for c	ompliance with	any other			
-	and the second s	~	1				OIL CONSI	RVATION	DIVISION				
Signature)			<u>OIL CONS</u>		DIVISION				
- Current -					. .								
Printed Name:	Chancey	Summers					strict Supervisor:	·····					
Title: HES S	pecialist				Ar	proval Date:		Expiration 1)ate:				
E-mail Address:	Chances	y.Summers@a	0¥1/ 00m										
- 1	1	risummers@c	JAY.COM			onditions of Aj	pproval:		Attached	з			
Date: 5/8	113		Phone	: (575) 397-8216									

Oxy Permian Ltd.

1017 W. Stanolind Rd, Hobbs, NM

Township

22S

Source of Release Failed coupling caused motor to run without turning

Produced water

Range

32E

Yes No

Facility Name Prize 27 Federal #2 Battery

Name of Company

Surface Owner BLM

Section

27

Address

Unit Letter

Ρ

Type of Release

Was Immediate Notice Given?

Was a Watercourse Reached?

Kathy Purvis

If a Watercourse was Impacted, Describe Fully.*

pump

By Whom?

State of New Mexico Energy Minerals and Natural Resources

Form C-141 D. 1. 10

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 **Release Notification and Corrective**

LOCATION OF RELEASE

North/South Line

South

NATURE OF RELEASE

Mineral Owner

Feet from the

660'

Yes I No I Not Required

Latitude N 32.35709°

Revised Ocroser 10, 20	103
tion Division Submit 2 Copies to appropria District Office in accordan with Rule 116 on ba side of for	ck
and Corrective Action	
PERATOR Initial Report Final Rep	ort
ntact CJ Summers	
ephone No. (575) 397-8216	
rility Type Battery	
API No.30-025-31902(nearest well	$\overline{)}$
DF RELEASE	<u>/</u>
th Line Feet from the East/West Line County	
th 660' East Lea	
Longitude <u>W 103.65617°</u>	
RELEASE	
olume of Release 16 bbls Volume Recovered 0 bbls	
ate and Hour of Occurrence Date and Hour of Discovery	
2/11/2014 YES, To Whom?	
nnifer Van Curen-BLM, Geoffrey Leking-OCD	
ate and Hour 02/11/2014 @ 4:32 pm	
YES, Volume Impacting the Watercourse.	
	-
ž	

Describe Cause of Problem and Remedial Action Taken.*

Failed coupling caused a motor to run without turning the pump; therefore 16 bbls of produced water and the coupling was replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area approximately 20' x 35' on location near the two East tanks. Remediation will be performed in accordance with a remediation plan approved by 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, NMQCD 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

Signature:	OIL CONS	SERVATION	DIVISION
Printed Name: Chancey Summers	Approved by District Supervise	or:	
Title: HES Specialist	Approval Date:	Expiration D	Date:
E-mail Address: Chancey.Summers@oxy.com Date: 2 - 1 / - 1 4 Phone: (575) 397-8216	Conditions of Approval:		Attached

1301 W. Grand Avenue, Artesia, NM 88210					State of New Mexico Energy Minerals and Natural Resources					Form C-14 Revised October 10, 20			
						ervation Di			Submit 2 Copies to appropriate District Office in accordance				
District IV 1220 S. St. Fra	District IV 1220 S					th St. Fran Fe, NM 87			W	ith Rule	e 116 on back side of form		
			Rel	ease Notific		COMPANY OF CASE	The second se	ation		in a subscription in			
			1	CAUSE I VOLIER		OPERA		10 M.					
Name of C		Oxy Permia	ın Ltd.				CJ Summers	In	itial Report	<u></u>	Final Report		
Address Facility Na		Stanolind Rd				Telephone		-8216					
		27 Federal	#2 Batter	·····		Facility Ty	be Battery						
Surface Ow	mer BLM			Mineral O	wner		*****	API 1	No.30-025-31	902(ne	earest well)		
Unit Letter	Section	Tanata	D			N OF RE		and and the finge story					
		Township	Range	Fect from the	Norti	v/South Line	Feet from the	East/West Line	County				
Р	27	225	32E	660		South	660'	East	Lea				
			I	Latitude <u>N 32.35</u>	5709°	Longitu	de <u>W 103.6561</u>	7°					
CD	0.1			NAT	URE	OF RELI							
Type of Rele		nd Produced v				Volume of and 131 bb	Release 1 bbl o Is produced water	il Volume	Recovered	30 bb	ls		
Source of Rel	lease Failu	re of the trans	fer pump	overload button			our of Occurrence	Date an	d Hour of Disc	overy			
Was Immedia	te Notice C					If YES, To Whom?							
				No 🗌 Not Rec	quired	Jennifer Va	n Curen-BLM, Ge	offrey Leking-C)CD				
By Whom? Was a Watero			mational		*****	Date and H	our 02/18/2014 (a) 3:33 pm					
Hasa Haloro	ourse none	Contraction of the second s	Yes 🛛	No		If YES. Volume Impacting the Watercourse.							
If a Watercour	rse was Imp	acted, Descril	be Fully.*			<u></u>							
Describe Caus	e of Proble	m and Remed	ial Action	Taken.*			**************************************						
The failure of were recovered	a transfer p I via vacuu	ump overload in truck and th	button can c overload	used I bbl of oil an d button was reset	or repl	bbls of produc	ced water to spill c	into the ground.	A total of 130	bbis of	f fluid		
Describe Area					<i>,</i>								
		5.1											
approvide of H				tion inside the con									
I hereby certify	that the int	formation give	en above is	s true and complete	e to the	e best of my ki	nowledge and und	erstand that purs	uant to NMOC	D rule:	s and		
public health of	the enviro	nment. The a	ceptance	of a C-141 report	ase no	NMACTD man	perform correctiv	e actions for rele	eases which ma	iy enda	inger		
				nvestigate and rem nce of a C-141 rep									
federal, state, o	r local Jaws	and/or Tegula	tions.			cs not reneve t	ne operator of resp	considently for co	mpliance with	any ot	her		
Signature:	FD)	hand					OIL CONSE	RVATION	DIVISION				
Printed Name:	Austin Tr	ameli			A	pproved by Di	strict Supervisor:						
Title: HES ST	pecialist				A	oproval Date:		Expiration I	Date:				
E-mail Address:	Austin	Trainell@oxy	.com		Ce	onditions of A	pproval-			******			
Date: 2/19	7/14	. TORCALINATION		(575) 397-8210					Attached				
Attach Addition	nal Sheeto	If Negation		(575) 597-8210									

Page	6	of	55
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District II	1625 N. French Dr., Hobbs, NM 88240 State C District II Energy Mineral 1301 W. Grand Avenue, Artesia, NM 88210 Energy Mineral					al Resources		Form C-14 Revised October 10, 200 Submit 2 Conics to composite				
1000 Rio Brazos	Road, Aztec, NM 87410			onservation Division South St. Francis Dr.					District	Copies to appropriate Office in accordance ith Rule 116 on back		
1220 S. St. Franci	is Dr., Santa Fe, NM 8750:		Sant	a F	Fe, NM 875	505				side of form		
		Rele	ease Notifica	tio	n and Co	orrective A	ction	1				
Name of Con	apany Oxy Permia	n I td			OPERA' Contact (FOR CJ Summers		🗌 Initi	al Report	Final Report		
Address 10	17 W. Stanolind Rd,	Hobbs, N	νM		Telephone 1		-8216					
Facility Name	e Prize 27 Federal #	2			Facility Typ	1 /						
Surface Owne	er BLM		Mineral Own	ıer				API No	. 30-025-3	1902		
			LOCAT	10	N OF REI	LEASE						
Unit Letter	Section Township	Range	Feet from the N	orth	/South Line	Feet from the	East/V	West Line	County			
Р	27 225	32E	660'		South	660'		East	Lea			
		L	atitude <u>N 32.357(</u>)9°	Longitu	de <u>W 103.6561</u>	<u>7°</u>					
			NATU	RE	OF RELI	EASE						
Type of Release		0			Volume of		The second second second	Volume F		60 bbls		
spill	ase loss of power to tra	nster pum	p caused a tank to ov	/er	Date and H	our of Occurrenc	e	Date and	Hour of Disc	covery		
Was Immediate		Yes 🗖	No 🔲 Not Requi		If YES, To							
D 111 0 0				rea		n Curen-BLM, Ji			I Geoffrey L	eking-OCD		
By Whom? C Was a Watercou	Chancey Summers urse Reached?			-	Date and Hour 04/2/2013 @ 10:02 am If YES, Volume Impacting the Watercourse.							
		Yes 🛛	No			anie impactate i	no mate	acourse.				
If a Watercourse	e was Impacted, Descrit	oc Fully.*										
Describe Cause	of Problem and Remedi	al Action	Taken,*					* **				
Loss of power to via vacuum truc	o transfer pump caused a k and power was restore	a tank to o ed.	ver spill 70 bbls of p	rod	uced water to	eak onto the grou	ind. 60	bbls of pro	duced water	were recovered		
Describe Area A	ffected and Cleanup Ac	tion Take	n.*			-						
approved by Tor	vas appx. 85' by 35'. Le er were recovered via va nas Oberding of NMOC	cuum truc D via ema	ck and power was rea ail on 08/11/2014 an	store d ap	ed. Remediati proved by Jen	on was completed nifer Van Curen	d in acco of the B	ordance with LM in a m	th the remed ecting.	iation plan		
public health or t should their oper or the environme	hat the information give perators are required to the environment. The a rations have failed to ad- ent. In addition, NMOC local laws and/or regula	report and cceptance equately ir D accepta	of a C-141 report by vestigate and remed	e nc the iate	NMOCD man contamination	l perform correcti ked as "Final Rep that pose a three	ve actic port" do	ons for releated to the second s	ases which m we the opera	tor of liability		
Signature:		\geq				OIL CONS	ERVA	ATION I	DIVISION	N		
Printed Name:	Chancey Summers			A	approved by D	istrict Supervisor	1					
Title: HES Ad				A	pproval Date:		E	piration D	ate:			
E-mail Address:	Chancey.Summers@	oxy.com			Conditions of A	.pproval:						
Date.	-10-14	Phone	: (575) 397-8216						Attached			
Attach Addition	al Sheets If Necessary	y					•••••••••••••••••••••••••••••••••••••••					

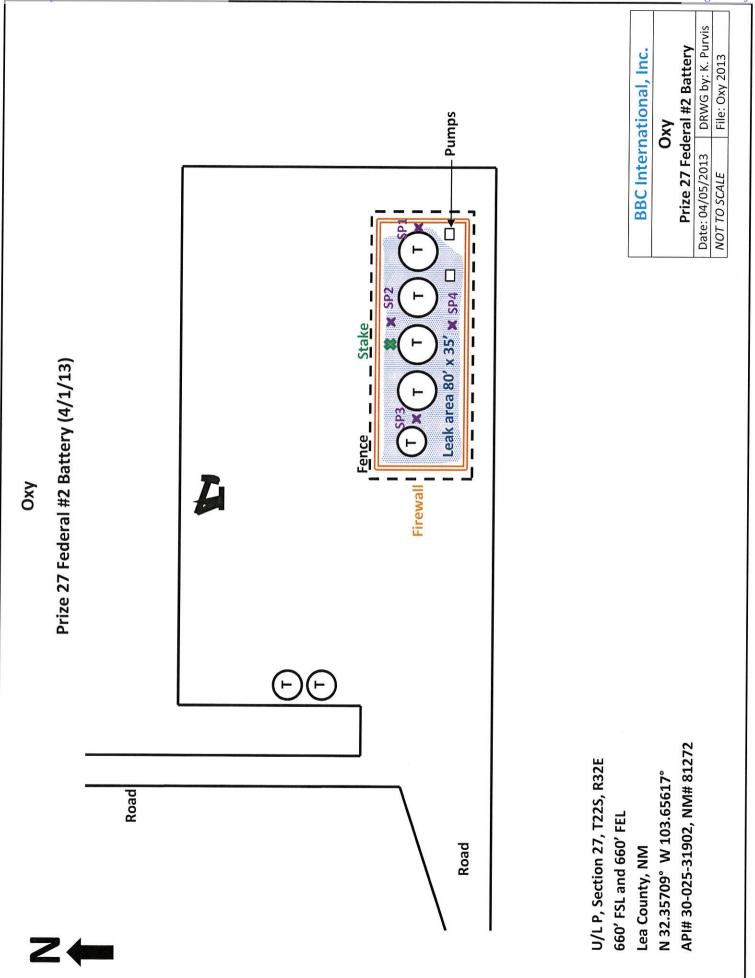
District 1 1625 N. Frencl District II						New Mex	tico al Resources			Re		Form C-141 tober 10, 2003
1301 W. Grand District III 1000 Rio Braze District IV 1220 S. St. Fra	os Road, Azte	ec, NM 87410		1220 \$	Sout	rvation Di h St. Franc	cis Dr.			Submit 2 C District wi	ith Rule	appropriate accordance 116 on back
1020 0, 01, 114		a 10, 111 8750				e, NM 875	State of the second		_			side of form
			Kel	ease Notifica	110	n and Co OPERA			÷ •.		K 7	
Name of C	ompany	Oxy Permia	n Ltd.				U Summers		Init	ial Report	\boxtimes	Final Report
		tanolind Rd,		NM		Telephone I		-8216		• • • •		
Facility Na	me Prize	27 Federal #	#2].	Facility Typ	be Battery					
Surface Ow	mer BLM			Mineral Ov	vner			AP	PI N	o. 30-025-3	1902	
	T				ΓΙΟΙ	N OF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the	North,	/South Line	Feet from the	East/West L	ine	County		
Р	27	22S	32E	660'		South	660'	East		Lea		
			I	atitude <u>N 32.357</u>	7 <u>09°</u>	Longitu	de <u>W 103.6561</u>	<u>7°</u>				
				NATU	IRE	OF RELI	EASE					
Type of Rele		iced water				Volume of		200 00001			180 bb	s
Source of Re	lease Fault	y check valve	on the wa	ater transfer pump		Date and H 04/29/2013	our of Occurrenc	e Date	and	Hour of Disc	overy	
Was Immedia	ate Notice C		xr			If YES, To	Whom?					
				No 🔲 Not Requ	ured		n Curen-BLM, Ji		A and	d Geoffrey Le	eking-O	CD
By Whom? Was a Water	Chancey S	ummers				Date and H	our 05/01/2013 (lume Impacting th	a) 10:07 am				
nuo u mutor			Yes 🛛	No		11 1 1 5, 90	iume impacting ti	ie watercours	se.			
If a Watercou	· . · ·		0	•			1		;	1		
	k valve on ti	ne water trans	fer pump	caused 200 bbls of p	oroduc	ced water to le	eak onto the grout	ıd. 180 bbls c	of pr	oduced water	were re	covered
Describe Area	Affected a	nd Cleanup A	ction Take	en.*								
via vacuum tri	ick and the	valve was rep	aired, Ren	caused 200 bbls of p nediation was comp by Jennifer Van Cur	leted	in accordance	with the remedia	id. 180 bbls c tion plan appi	of prove	oduced water I by Tomas C	were re)berding	covered g of
public health of should their of	operators a or the enviro perations ha ment. In add	nment. The a nment. The a ve failed to ad dition, NMOC	report and acceptance lequately i CD accepta	s true and complete l/or file certain relea of a C-141 report b nvestigate and reme ance of a C-141 repo	ise no by the ediate	tifications and NMOCD man contamination	l perform correcti ked as "Final Rep n that pose a threa	ve actions for port" does not of to ground w	rele relie	ases which me eve the operation	ay enda tor of lia	nger bility n bealth
Signatural	\bigcirc	1	\geq				OIL CONS	ERVATIC)N [DIVISION	N	
Signature: Printed Name:	Chancey	Summers			A	pproved by D	istrict Supervisor	Jocely	n H	arimon		
Title: HES A	Advisor				A	pproval Date:	07/12/2023	B Expirati	on D	ate:		
E-mail Addres		y.Summers@			C	onditions of A	approval:			Attached]	
Date:	0-10	-17	Phone	e: (575) 397-8216								

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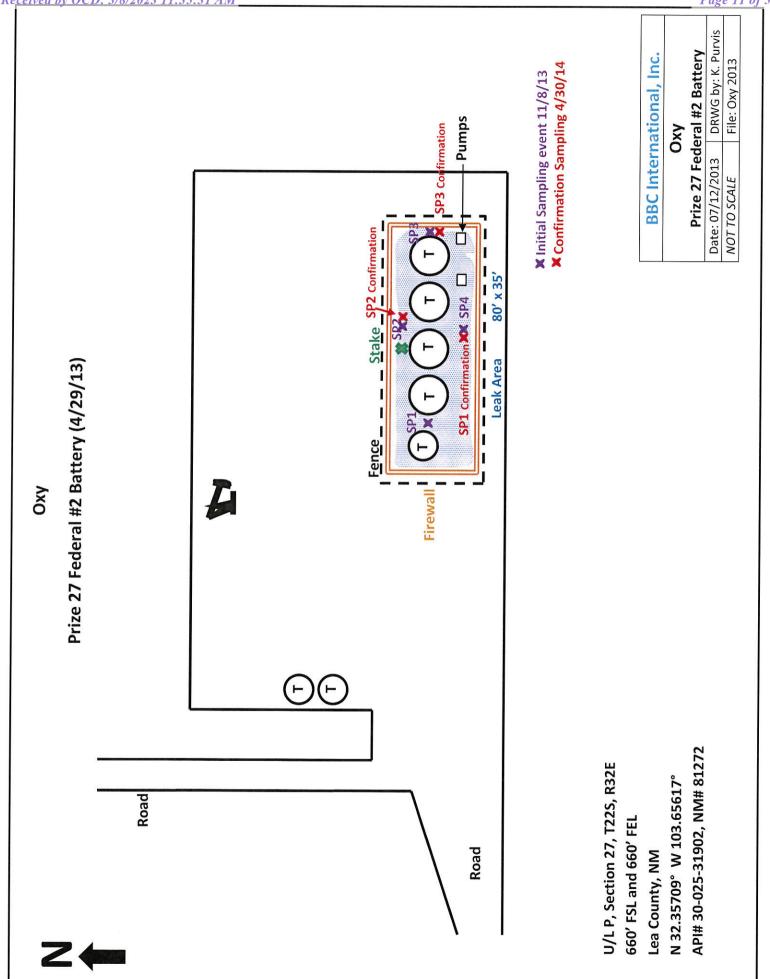
<u>District 1</u> 1625 N. Frencl <u>District II</u> 1301 W. Grand		, NM 88240 Itesia, NM 8821	0			f New Mez s and Natur	cico al Resources			Re		Form C-141 ctober 10, 2003
<u>District III</u> 1000 Rio Brazo <u>District IV</u>	os Road, Azt			1220) Sout	rvation Di th St. Fran Fe, NM 87:	cis Dr.			Submit 2 (District w	Copies t Office i ith Rule	to appropriate in accordance e 116 on back side of form
			Rel	ease Notifie		Contraction of the local division of the loc	And in case of the local data and the local data an	ction			i	
						OPERA	TOR	[Initi	al Report	\boxtimes	Final Report
		Oxy Permia Stanolind Rd,					CJ Summers					
The second se		e 27 Federal				Telephone I Facility Tyr	No. (575) 397 De Battery	7-8216				
Surface Ow				Mineral C)wner		Duttory		API No	30-025-31	002(n	earest well)
						N OF RE			AIIN		902(11	salest well)
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/We	est Line	County]
Р	27	228	32E	660'		South	660'					
				atitude N 32.3:	57000		de <u>W 103.6561</u>		ast	Lea		
	34		Ŷ					<u>. /</u>				
Type of Relea	ase Prod	uced water		INA I	UKE	OF REL		ols V	Volume F	Recovered	0 bbls	
Source of Rel	lease Faile	ed coupling ca	used moto	r to run without tu	urning		lour of Occurrence			Hour of Disc		
Was Immedia	te Notice (02/11/2014 If YES, To						
		\boxtimes	Yes 🗌	No 🔲 Not Re	quired	Jennifer Va	in Curen-BLM, C	Beoffrey L	eking-OC	CD		
By Whom? Was a Watero	Kathy Pur					Date and H	our 02/11/2014 (@ 4:32 pm	n			
was a watero	ourse Read		Yes 🛛	No		If YES, Vo	lume Impacting t	he Waterc	ourse.			
If a Watercou	rse was Im	pacted, Descri	be Fully.*									
Describe Cause of Problem and Remedial Action Taken.*												
Describe Caus	e of Proble	em and Remed	ial Action	Taken,*								
Failed couplin and the coupli	g caused a ng was rep	motor to run v laced.	vithout tur	ning the pump; th	erefore	16 bbls of pr	oduced water leal	ked onto th	he ground	l. No fluids	were re	covered
Describe Area	Affected a	nd Cleanup A	ction Take	en,*								
The affected an approved by T	rea approxi omas Ober	mately 20' x 3 ding of NMOO	5' on loca CD via em	ation near the two ail on 08/11/2014	East ta and ap	nks. Remedia proved by Jer	tion was complet mifer Van Curen	ted in acco of the BL	ordance w M in a m	rith the reme eeting.	diation	plan
public health o should their op	operators a r the enviro erations ha nent. In ad	onment. The a ve failed to ad	report and cceptance cquately i D accepta	s true and comple l/or file certain rel of a C-141 report nvestigate and ren nnce of a C-141 re	ease no by the by the nediate	tifications and NMOCD man contamination	l perform correct. ked as "Final Re n that nose a three	ive actions port" does	s for relea s not relie	uses which m we the opera	ay end tor of li	anger ability
Signature:		22	\geq				OIL CONS	ERVA	FION I	DIVISION	N	
Printed Name:	Chancey	Summers			A	pproved by D	istrict Supervisor	r:				
Title: HES A	dvisor				A	pproval Date:		Exp	iration D	ate:		
E-mail Address	: Chance	ey.Summers@	oxy.com		C	onditions of A	approval:			Attached		
Date: 20	1990		Phone	: (575) 397-8216		5)				4		

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Page	1	IJ	9	۲

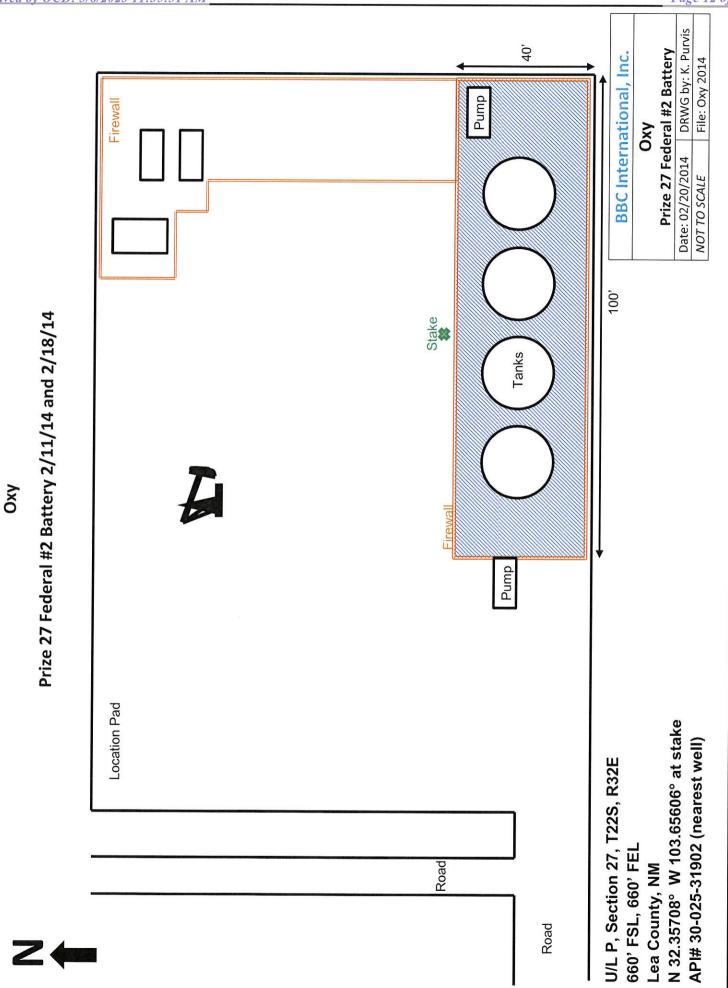
District I State of New Mexico 1625 N. French Dr., Hobbs, NM 88240 Form C-141 District II Energy Minerals and Natural Resources Revised October 10, 2003 1301 W. Grand Avenue, Artesia, NM 88210 District III Submit 2 Copies to appropriate District Office in accordance Oil Conservation Division 1000 Rio Brazos Road, Aztec, NM 87410 1220 South St. Francis Dr. District IV with Rule 116 on back 1220 S. St. Francis Dr., Santa Fe, NM 87505 side of form Santa Fe, NM 87505 **Release Notification and Corrective Action OPERATOR** Initial Report Final Report Name of Company Oxy Permian Ltd. Contact CJ Summers Address 1017 W. Stanolind Rd, Hobbs, NM Telephone No. (575) 397-8216 Facility Name Prize 27 Federal #2 Battery Facility Type Battery Surface Owner BLM Mineral Owner API No.30-025-31902(nearest well) LOCATION OF RELEASE Unit Letter Section Township Feet from the North/South Line Range Feet from the East/West Line County P 27 22S 32E 660' South 660' East Lea Latitude N 32.35709° Longitude W 103.65617° NATURE OF RELEASE Type of Release Oil and Produced water Volume of Release 1 bbl oil Volume Recovered 130 bbls and 131 bbls produced water Source of Release Failure of the transfer pump overload button Date and Hour of Occurrence Date and Hour of Discovery 02/18/2014 Was Immediate Notice Given? If YES. To Whom? Yes I No Not Required Jennifer Van Curen-BLM, Geoffrey Leking-OCD By Whom? Kathy Purvis, BBC International Date and Hour 02/18/2014 @ 3:33 pm Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. □ Yes 🛛 No If a Watercourse was Impacted, Describe Fully,* Describe Cause of Problem and Remedial Action Taken.* The failure of a transfer pump overload button caused 1 bbl of oil and 131 bbls of produced water to spill onto the ground. A total of 130 bbls of fluid were recovered via vacuum truck and the overload button was reset or replaced. Describe Area Affected and Cleanup Action Taken.* The affected area approximately 30' x 60' on location inside the containment. Remediation was completed in accordance with the remediation plan approved by Tomas Oberding of NMOCD via email on 08/11/2014 and approved by Jennifer Van Curen of the BLM in a meeting. 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: Approved by District Supervisor: Printed Name: Chancey Summers Title: HES Advisor Approval Date: **Expiration Date:** E-mail Address; Chancey Summers@oxy.com Conditions of Approval: Attached 10-10-14 Phone: (575) 397-8210 Date:



Released to Imaging: 7/12/2023 4:24:48 PM



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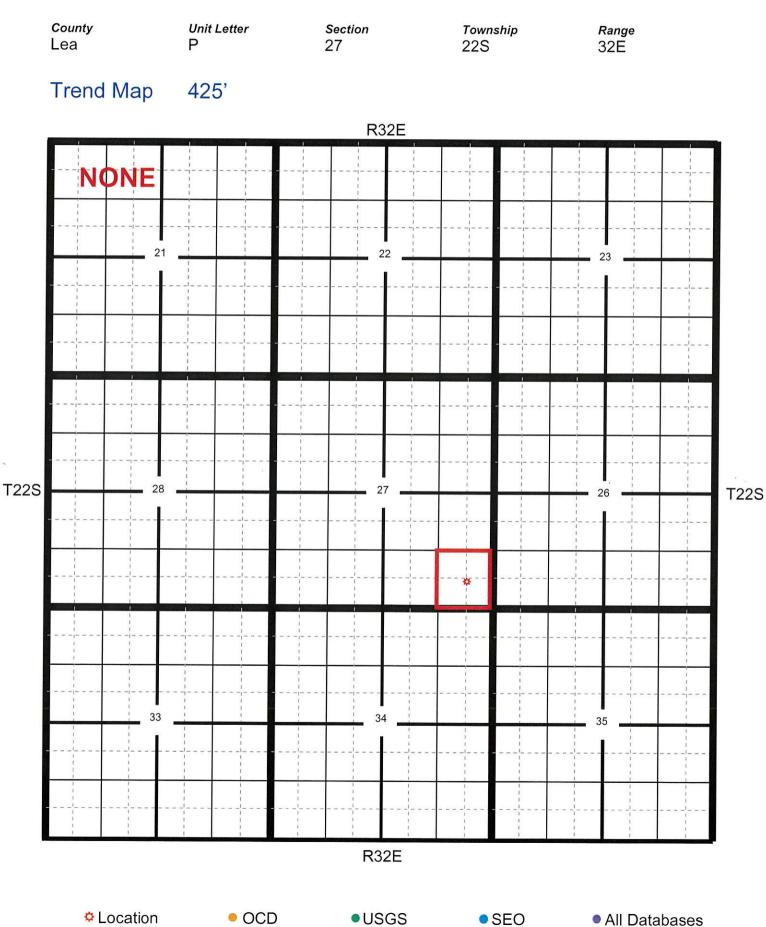


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Received by OCD: 3/8/2023 11:35:31 AM BBC INTERNATIONAL

Groundwater Plot

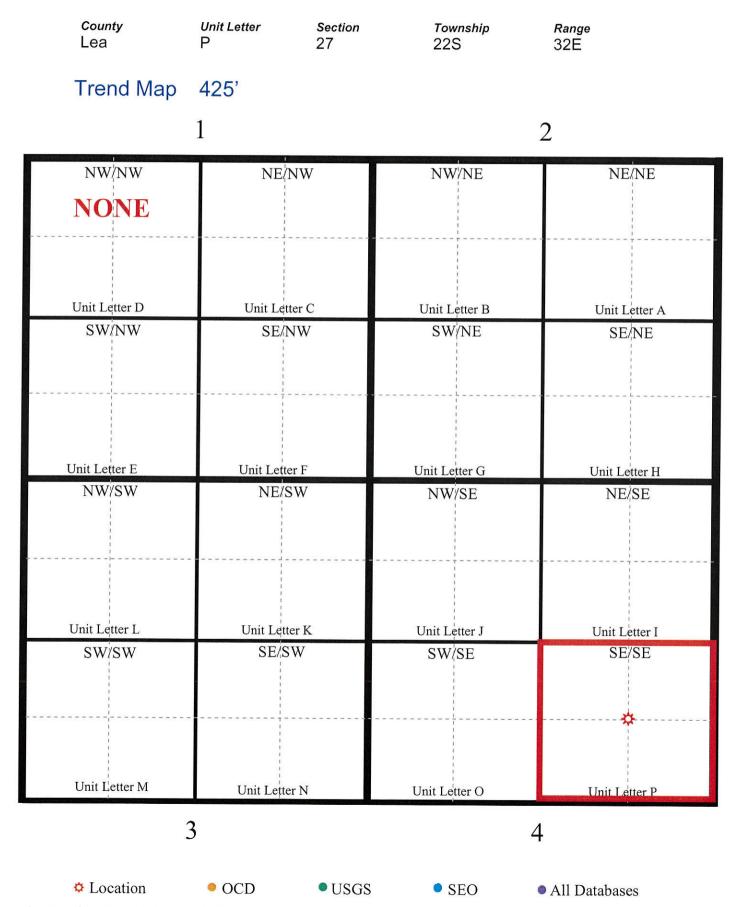
Oxy Prize 27 Federal #2 Battery



USGS

Section Quarters

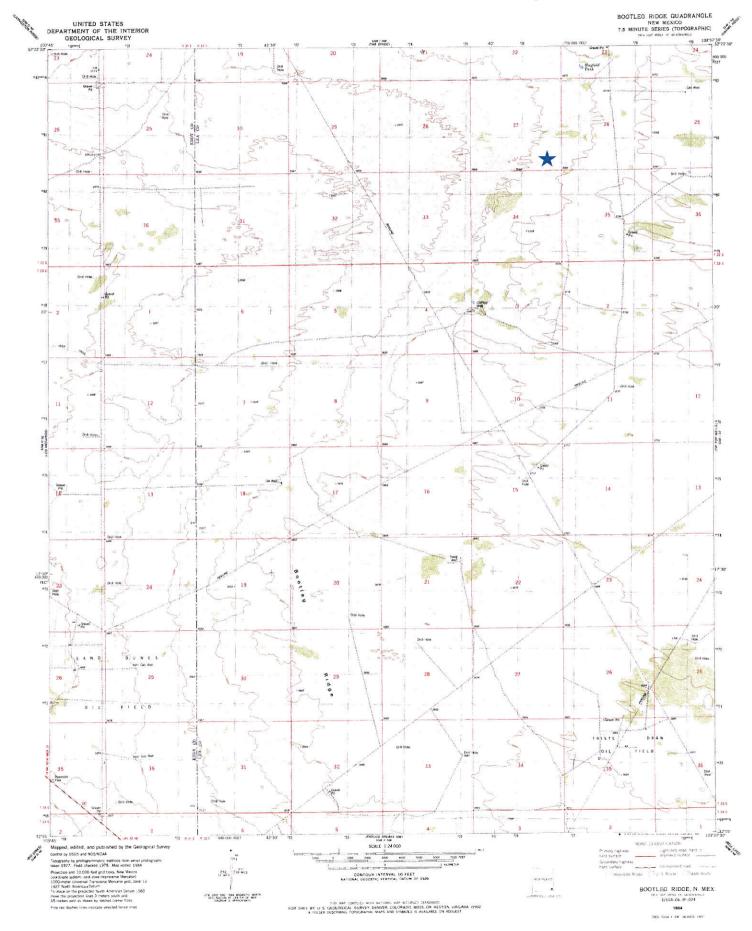
Oxy Prize 27 Federal #2 Battery



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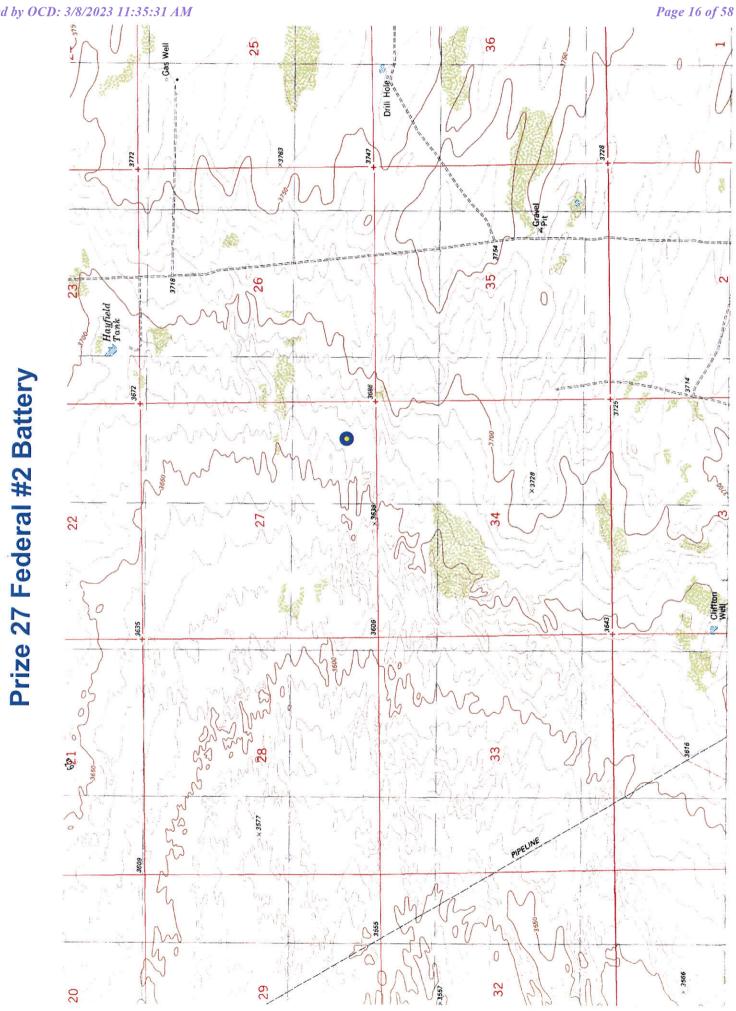
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Prize 27 Federal #2 Battery



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Oxy

Laboratory Analytical Results Summary	Prize 27 #2
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Released to Imaging: 7/12/2023 4:24:48 PM

		Sample	Surface	SP1@1.	SP1@2'
Analyte	Method	Date	4/10/13	4/10/13	4/10/13
			mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		160	32	32
		Sample	SP2 @ Surface	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	4/10/13	4/10/13	4/10/13
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		4.18	<0.050	n/a
Toluene	BTEX 8021B		21.2	<0.050	n/a
Ethylbenzene	BTEX 8021B		18	<0.050	n/a
Total Xylenes	BTEX 8021B		58.2	<0.150	n/a
Total BTEX	BTEX 8021B		102	<0.300	n/a
Chloride	SM4500CI-B		256	48	<16.0
GRO	TPH 8015M		3350	<10.0	n/a
DRO	TPH 8015M		35800	136	n/a

		Sample	SP3 @ Surface	SP3@1'	SP3 @ 2'
Analyte	Method	Date	4/10/13	4/10/13	4/10/13
			mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		320	64	<16.0

				222	5	0.012
/te Method Date 410013 BTEX 8021B 3.44 93.44 BTEX 8021B 16.6 13.9 BTEX 8021B 13.9 45 Icenes BTEX 8021B 45 ICEN BTEX 8021B 78.9 ITPH 8015M 2450 35400			Sample	SP4 @ Surface	SP4 @ 1'	SP4 @ 2'
mg/kg mg/kg BTEX 8021B 3.44 BTEX 8021B 16.6 BTEX 8021B 13.9 Image state 13.9	Analyte	Method	Date	4/10/13	4/10/13	4/10/13
BTEX 8021B 3.44 BTEX 8021B 3.44 BTEX 8021B 16.6 Image: Second BTEX 8021B 13.9 Image: Second BTEX 8021B 45 Image: Second BTEX 8021B 78.9 Image: Second BTEX 8021B 78.0 Image: Second BTEX 80215 78.0 Image: Second BTEX 80215 78.0				mg/Kg	mg/Kg	mg/Kg
BTEX 8021B 16.6 izene BTEX 8021B 13.9 ienes BTEX 8021B 45 ienes BTEX 8021B 78.9 SM4500CI-B 352 352 TPH 8015M 2450 35400	Benzene	BTEX 8021B		3.44	<0.050	n/a
benzene BTEX 8021B 13.9 Xylenes BTEX 8021B 45 BTEX BTEX 8021B 78.9 ide SM4500Cl-B 352 ride TPH 8015M 2450 TPH 8015M 35400	Toluene	BTEX 8021B		16.6	<0.050	n/a
Xylenes BTEX 8021B 45 BTEX BTEX 8021B 78.9 BTEX SM4500Cl-B 352 ride TPH 8015M 2450 TPH 8015M 35400	Ethylbenzene	BTEX 8021B		13.9	<0.050	n/a
BTEX BTEX 8021B 78.9 ide SM4500Cl-B 352 TPH 8015M 2450 TPH 8015M 35400	Total Xylenes	BTEX 8021B		45	<0.150	n/a
ride SM4500CI-B 352 TPH 8015M 2450 TPH 8015M 35400	Total BTEX	BTEX 8021B		78.9	<0.300	n/a
TPH 8015M 2450 35400 35400	Chloride	SM4500CI-B		352	32	32
TPH 8015M 35400	GRO	TPH 8015M		2450	<10.0	n/a
	DRO	TPH 8015M		35400	209	n/a

Analyte Method Date 14013 14013 Analyte BEX 8021B India 102 ene BEX 8021B India <0.5010 ene BTEX 8021B India <0.5010 Uberizene BTEX 8021B India <0.5010 LYylenes BTEX 8021B India 0.611 LYylenes BTEX 8021B India 1.02 IBTEX BIEX 8021B India 1.64 ITPH 8015M ITPH 8015M India 1.64 Imalyte TPH 8015M India 2.320 Analyte Method Date Intini Intini Analyte Method Date Intini Intini India BIEX 8021B India 2.30 Intini India BIEX 8021B India 3.01 Intini India BIEX 8021B India 7.99 Intini India BIEX 8021B India 7.99 Intini <t< th=""><th></th><th></th><th>Sample</th><th>SP1 @ SURFACE</th><th>SP1 @ 1</th><th>SP1@2'</th><th>SP1 @ 3.</th><th>SP1 @ 4'</th></t<>			Sample	SP1 @ SURFACE	SP1 @ 1	SP1@2'	SP1 @ 3.	SP1 @ 4'
ene BTEX 8021B mgkg mgkg mgkg mgkg BTEX 8021B ma 0.61200 0.6100 Berrzene BTEX 8021B ma 0.61120 Iberrzene BTEX 8021B ma 0.61120 Iberrzene BTEX 8021B ma 0.61200 Iberzene BTEX 8021B ma 1.64 Xylenes BTEX 8021B ma 1.64 SM4500CHB Sample SP2.66 SP2.66 Maktod Date Nmm 1.02 Maktod Date Nmm 1.03 1.03 Maktod Date Nmm 1.03 1.03 Maktod Date Nmm 1.04 2.3 Maktod Date Nmm 1.04 2.3 Maktod Date Nmm 1.03 1.03 Maktod Date Nmm 1.03 1.03 Maktod Date Nmm 1.03 2.3 Maktod Date	Analyte	Method	Date	11/8/13	11/8/13	11/8/13	11/8/13	11/8/13
ene BTEX 8021B n/a <0.200 BTEX 8021B n/a <0.200				mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
BIEX 8021B n/a c0.200 BEX 8021B n/a 0.611 BEX 8021B n/a 1.02 BEX 8021B n/a 1.02 BEX 8021B n/a 1.02 FIEX BIEX 8021B n/a 1.02 FIEX BM4500C-B 17000 464 THH 8015M n/a 2.320 THH 8015M n/a 2.320 THH 8015M Date 116 Malyte Method Date 110/a BIEX BUEX 8021B n/a 2.33 BIEX BIEX 8021B n/a 2.33 BIEX BIEX 8021B n/a 2.33 BIEX BIEX 8021B n/a 2.33 Ide TPH 8015M n/a 2.33 Malyte Method Date 1.00 Malyte Method Date 1.00 Malyte Method Date 1.00 Malyte Method Date 1.00 <td>Benzene</td> <td>BTEX 8021B</td> <th></th> <td>n/a</td> <td><0.200</td> <td>n/a</td> <td>n/a</td> <td><0.050</td>	Benzene	BTEX 8021B		n/a	<0.200	n/a	n/a	<0.050
Iberizene BTEX 8021B n/a 0.611 Kylenes BTEX 8021B n/a 1.02 BTEX 8021B T7000 464 TPH 8015M n/a 1.02 TPH 8015M n/a 230 TPH 8015M n/a 230 TPH 8015M n/a 230 Mahve Method Date 11003 Mahve Method Date 111113 Mahve Method Date 11133 Mahve Method Date 11133 Mahve Method Date 1133 Mahve Method Date 1133 Mahve Method Date 1133 Mahve Method Date 1133 Mahve	Toluene	BTEX 8021B		n/a	<0.200	n/a	n/a	<0.050
Xylenes BTEX 8021B n/a 1.02 BTEX 8021B n/a 1.64 FI46 T7000 464 TPH 8015M n/a 1.64 TPH 8015M n/a 1.64 TPH 8015M n/a 2.32 TPH 8015M n/a 2.32 TPH 8015M sample SP2 @ SP2 @ Nable Method Date 1.01 2.3 Mable Method Date 1.01 2.3 Mable Method Date 1.01 2.3 Mable Method Date 1.03 2.3 Mable Method Date 1.03 2.3 Mable Method Date 1.01 2.3 Mable Method Date 1.01 2.3 Mable Method Date 1.01 0.05 Mable Method Date 1.01 0.05 Mable Method Date 1.01	Ethylbenzene	BTEX 8021B		n/a	0.611	n/a	n/a	<0.050
BTEX BTEX 8021B n/a 1.64 ide SM4500CI-B n/a 116 TPH 8015M n/a 17000 464 TPH 8015M n/a 2320 Amalve Method Date 1111 Amalve Method Date 11111 Amalve Method Date 11111 BTEX 8021B n/a 110a 233 Brenzene BTEX 8021B n/a 201 Brenzene BTEX 8021B n/a 3.01 Sample Sample n/a 3.01 Vylenes BTEX 8021B n/a 3.01 Brenzene BTEX 8021B n/a 3.01 Vylenes BTEX 8021B n/a 5100 Brenzene BTEX 8021B n/a 50.0 Bren	Total Xylenes	BTEX 8021B		n/a	1.02	n/a	n/a	<0.150
ride SM4500Cl-B 17000 464 TPH 8015M n/a 116 116 TPH 8015M sample Sample SP2.00 464 Analyte Method Date 11103 116 Analyte Method Date 111133 2320 Analyte Method Date 111133 111133 Analyte Method Date 111133 111133 Analyte BTEX 8021B n/a <1.00	Total BTEX	BTEX 8021B		n/a	1.64	n/a	n/a	<0.300
TPH 8015M n/a 116 TPH 8015M ample Sample SP2@ P2@ P2@ Analyte Method Date ununs ununs ununs Analyte Method Date ununs ununs ununs BTEX BTEX 8021B n/a 2.3 mg/kg mg/kg mg/kg BTEX BTEX 8021B n/a 2.3 n/a 2.3 n/a 2.3 benzene BTEX 8021B n/a 7.99 n/a 7.99 n/a 7.99 Valenex BTEX 8021B n/a 7.39 n/a 7.39 1.00 Itele TPH 8015M n/a 7.99 n/a 7.99 1.00 Itele TPH 8015M n/a 7.99 1.01 7.99 1.01 Itele TPH 8015M n/a 7.99 1.01 2.30 1.01 Itele TPH 8015M n/a 7.99 1.01 2.30 1.01	Chloride	SM4500CI-B		17000	464	224	80	128
IPH 8015M n/a 2320 Analyte Method Date 111113 111113 BTEX 8021B n/a <1.00	GRO	TPH 8015M		n/a	116	n/a	n/a	<10.0
Nample Sample SP2 @ T Avalyte Method Date 111/11/3 111/11/3 Avalyte Method Date 111/11/3 111/11/3 BTEX BTEX 8021B n/a <1.00	DKO	11PH 8015M		· n/a	2320	n/a	n/a	53.4
Mathed Method Date NUMB NUMB Malyle Method Date NUMB NUMB NUMB Ene BTEX 8021B NUMB NUB <1.00			Sample	SP2 @	SP2 @ 1.	SP7 @ 7	SD2 @ 2	1 @ COS
Mathod Mathod Date MMM3 ene BTEX 8021B m/8 m/8 m/8 ene BTEX 8021B m/8 <1.00	Analisto	Mathad		SURFACE				
ene BTEX 8021B mg/kg mg/kg <thmg kg<="" th=""> <</thmg>	Analyte	INIETNOG	Date	11/11/13	11/11/13	11/11/13	11/11/13	11/11/13
BIEX 8021B Ind 2.3 BIEX 8021B n/a 2.3 benzene BTEX 8021B n/a 3.01 Xylenes BTEX 8021B n/a 3.01 BIEX 8021B n/a 3.01 Xylenes BTEX 8021B n/a 3.01 BYEX 8021B n/a 3.01 3.33 File SM4500CI-B 5860 4800 TPH 8015M n/a 5120 5120 TPH 8015M n/a 619 1.1103 Mathod Date 111103 111103 Mathod Date 111103 2.0050 BTEX 8021B n/a <0.050	Renzene	RTEY 8021B		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Denzene BTEX 8021B n/a 3.01 Xylenes BTEX 8021B n/a 3.01 Kylenes BTEX 8021B n/a 7.99 BTEX BTEX 8021B n/a 7.99 BTEX SM4500CI-B 5860 4800 TPH 8015M n/a 5120 TPH 8015M n/a 619 TPH 8015M n/a 619 TPH 8015M n/a 5120 TPH 8015M Date 11/11/13 11/11/13 walyte Method Date 11/11/13 11/11/13 walyte BTEX 8021B n/a <0.050	Toluene	BTEX 8021B		n/a	23	n/a	n/a n/a	<0.050 050
Xylenes BTEX BTEX BTEX BTEX 8021B n/a 7.99 BTEX BTEX BTEX BTEX 8021B n/a 13.3 ride SM4500CI-B SM4500CI-B 5860 4800 TPH 8015M n/a 619 13.3 TPH 8015M n/a 619 13.3 Inde Sample SurFACE 4800 Method Date 11/11/13 11/11/13 Matho Date 11/11/13 11/11/13 Method Date 11/11/13 11/11/13 Matho Date 11/11/13 11/11/13 Method Date 11/11/13 11/11/13 Method Date 11/11/13 40.050 BTEX BTEX 8021B n/a <0.050	Ethylbenzene	BTEX 8021B		n/a	3.01	n/a	n/a	<0.050
BTEX BTEX 8021B n/a $1/a$ 13.3 ride SM4500Cl-B 5860 4800 13.3 TPH 8015M n/a 619 4800 4800 TPH 8015M n/a 619 4800 4800 TPH 8015M n/a 619 4800 610 ITPH 8015M n/a 619 8100 610 ItPH 8015M Date 11010 11010 11010 ItPH 8015B Date 11010 1000 1000 BTEX BTEX 8021B n/a <0.050 0000 Itele SM4500Cl-B n/a <0.050 0000 Itele SM4500Cl-B n/a <0.050 0000 Itele SM4500Cl-B	Total Xylenes	BTEX 8021B		n/a	7.99	n/a	n/a	<0.150
ride SM4500Cl-B 5860 4800 TPH 8015M n/a 619 619 TPH 8015M n/a 619 619 TPH 8015M n/a 619 619 TPH 8015M Sample Sureacc 619 Malyte Method Date 111113 111113 Malyte Method Date 111113 111113 Malyte Method Date 111113 111113 Malyte BTEX 8021B n/a <0.050	Total BTEX	BTEX 8021B		n/a	13.3	n/a	n/a	<0.300
TPH 8015M n/a 619 TPH 8015M n/a 5120 IPPH 8015M Sample Sureace 5120 IPPH 8015M Date 110103 5120 IPPH 8015M Date 110103 5120 IPPH 8015M Date 110103 0.050 IPPH 8015M Date 110103 0.050 IPPH 8015B n/a <0.050 0.050 IPPEX 8021B n/a <0.050 0.050 IPPEX 8021B n/a <0.050 0.050 IPPEX 8021B n/a <0.050 0.050 IPPH 8015M n/a <0.050 0.050 IPPH 8015M n/a <0.050 0.060 IPPH 8015M n/a <0.050 0.060 IPPH 8015M n/a <0.050 0.050 IPPH 8015M n/a 0.050 0.050 IPPH 8015M n/a 0.050 0.050 IPPH 8015M n/a	Chloride	SM4500CI-B		5860	4800	1470	608	112
TPH 8015M n/a 5120 IPH 8015M Sample SurFACE SP3 @ 1' Intrins Sample SurFACE SP3 @ 1' Intrins BTEX 8021B n/a <0.050	GRO	TPH 8015M		n/a	619	n/a	n/a	<10.0
Amalyte Method Date 11/11/13 Sample SP3 @ 1' Analyte Method Date 11/11/13 11/11/13 11/11/13 ene BTEX 8021B mg/Kg mg/Kg mg/Kg mg/Kg ene BTEX 8021B n/a <0.050	DRO	TPH 8015M		n/a	5120	n/a	n/a	22.8
Amalyte Sample StreFACE SP3 @ 1 Individe Date 11/11/13 11/11/13 11/11/13 Individe Date 11/11/13 11/11/13 11/11/13 Individe Date 11/11/13 11/11/13 11/11/13 Individe BTEX 8021B n/da <0.050 0 Individe BTEX 8021B n/da <0.050 0 bernzene BTEX 8021B n/da <0.050 0 bernzene BTEX 8021B n/da <0.050 0 Vienes BTEX 8021B n/da <0.050 0 Itele SM4500CI-B n/da <0.050 0 Itele SM4500CI-B n/da <0.050 0 Itele SMA15 n/da <0.050 0 <								
Mathe Method Date 111113 111113 windyte Method Date 111133 1111133 ene BTEX 8021B mg/kg mg/kg mg/kg mg/kg benzene BTEX 8021B m/a <0.050			Sample	SP3 @ SURFACE	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'
mg/kg mg/kg <th< td=""><td>Analyte</td><td>Method</td><th>Date</th><td>11/11/13</td><td>11/11/13</td><td>11/11/13</td><td>11/11/13</td><td>11/11/13</td></th<>	Analyte	Method	Date	11/11/13	11/11/13	11/11/13	11/11/13	11/11/13
ene BIEX 8021B n/a <0.050 benzene BTEX 8021B n/a <0.050				mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
BIEX 8021B n/a <0.050 benzene BTEX 8021B n/a <0.050	Benzene	BTEX 8021B		n/a	<0.050	n/a	n/a	<0.050
Defizente Xylenes Dir.E.X. 8021B m/a <0.050 Xylenes BTEX 8021B n/a <0.150	I oluene	BIEX 8021B		n/a	<0.050	n/a	n/a	<0.050
Ayrons D1 CA 0021 B Ind <0.150 BTEX BNEX 8021B Ind <0.130 ide TPH 8015M In/a <0.300 TPH 8015M I1500 1090 <0.300 TPH 8015M N/a <0.030 <0.000 TPH 8015M N/a <0.000 <0.000 Mathod Sample SP4 @ <0.000 Nalve Method Date N/nns N/nns Malyte Method Date N/nns N/nns Ene BTEX 8021B N/a <0.050 N/a <0.050 BTEX 8021B N/a 0.307 S07 <0.050 N/a <0.050 BTEX 8021B N/a 0.307 N/a 0.307 <0.050 <0.050 BTEX 8021B N/a 0.307 180 <0.050 <0.050 <0.050 Interestion BTEX 8021B N/a 0.307 180 <0.050 <0.050 <0.050 <0.050 Interes	Total Xvlanes	BIEX 8021B		n/a	<0.050	n/a - / -	n/a	<0.050
ide SM4500CLB 11500 1000 TPH 8015NM n/a <50.0	Total BTEX	BTFX 8021B		n/a	V01300	n/a	n/a	091.U>
TPH 8015M n/a <50.0 TPH 8015M n/a <50.0	Chloride	SM4500CI-B		11500	1090	1630	1800	192
TPH 8015M n/a 503 TPH 8015M n/a 503 Image: Second	GRO	TPH 8015M		n/a	<50.0	n/a	n/a	<10.0
Multiple Method Sample SP4.@ SP4.@ T Inalyte Method Date 11/11/13 11/11/13 11/11/13 Inalyte Method Date 11/11/13 11/11/13 11/11/13 Inalyte Method Date 11/11/13 11/11/13 11/11/13 Inal BTEX BTEX BTEX R021B n/la <0.050	DRO	TPH 8015M		n/a	503	n/a	n/a	61
Market Method Date JUNUIS TUNUIS Inalyte Method Date JUNUIS TUNUIS Ene BTEX 8021B mg/kg mg/kg mg/kg Ene BTEX 8021B n/a <0.050			Sample	SP4 @	SP4 @ 1	SP4 @ 2'	SP4 @ 3'	
mg/kg mg/kg mg/kg ene BTEX 8021B n/a <0.050	Analyte	Method	Date	11/11/13	11/11/13	11/11/13	11/11/13	
ene BTEX 8021B n/a <0.050 ene BTEX 8021B n/a <0.050 benzene BTEX 8021B n/a <0.050 benzene BTEX 8021B n/a 0.254 Xylenes BTEX 8021B n/a 0.307 BTEX BTEX 8021B n/a 0.307 ide SM4500Cl-B 10100 1880 TPH 8015M n/a 0.561 160				mg/Kg	mg/Kg	ma/Ka	ma/Ka	
ene BTEX 8021B n/a <0.050 benzene BTEX 8021B n/a 0.254 Xylenes BTEX 8021B n/a 0.307 Xylenes BTEX 8021B n/a 0.307 BTEX BTEX 8021B n/a 0.307 BTEX BTEX 8021B n/a 0.561 ide SM4500CI-B 10100 1880 TPH 8015M n/a 650.0	Benzene	BTEX 8021B		n/a	<0.050	n/a	<0.050	
benzene BTEX 8021B n/a 0.254 Xylenes BTEX 8021B n/a 0.307 BTEX BTEX 8021B n/a 0.307 BTEX BTEX 8021B n/a 0.561 ide SM4500CI-B 10100 1880 TPH 8015M n/a -50.0	Toluene	BTEX 8021B		n/a	<0.050	n/a	<0.050	
Xylenes BTEX 8021B n/a 0.307 BTEX BTEX 8021B n/a 0.561 BTEX BTEX 8021B n/a 0.561 ide SM4500Cl-B 10100 1880 TPH 8015M n/a <50.0	Ethylbenzene	BTEX 8021B		n/a	0.254	n/a	<0.050	
BIEA BIEA 8021B n/a 0.561 ide SM4500Cl-B 10100 1880 TPH 8015M n/a <50.0	Total Xylenes	BTEX 8021B		n/a	0.307	n/a	<0.150	
TPH 8015M 1/2 <50.0	Chloride	BLEX 8021B SM4500CLR		10100	1880	n/a	<0.300	
	GRO	TPH 8015M			<50.0	077	10.0	
	DRO	TPH 8015M		n/a	520	a/u	122	

Laboratory Analytical Results Summary PRIZE 27-2

		Sample	SP1 @ 2' (Confirmation)	SP2 @ 2' (Confirmation)	SP3 @ 2' (Confirmation)
Analyte	Method	Date	4/30/14	4/30/14	4/30/14
			mg/Kg	mg/Kg	ma/Ka
Benzene	BTEX 8021B	13	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	Ethylbenzene BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	otal Xylenes BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500CI-B		960	864	1170
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0

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Laboratory Analytical Results Summary Prize 27 Federal #2

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Meterica D		5/0/2025	11.00.01 /101

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April 18, 2013

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

RE: PRIZE 27 #2

Enclosed are the results of analyses for samples received by the laboratory on 04/12/13 9:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/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

Received:	04/12/2013	Sampling Date:	04/10/2013
Reported:	04/18/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN	. ,	

Sample ID: SP 1 @ SURFACE (H300875-01)

Chloride, SM4500Cl-B	mg	mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/16/2013	ND	432	108	400	0.00	

Sample ID: SP 1 @ 1' (H300875-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/16/2013	ND	432	108	400	0.00	

Sample ID: SP 1 @ 2' (H300875-03)

Chloride, SM4500Cl-B	mg/kg		Analyze	Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/16/2013	ND	432	108	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

Celeg Di Keene

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:	04/12/2013	Sampling Date:	04/10/2013
Reported:	04/18/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN	PORTONICAL MOLECULE CONTRACTOR CONTRACT	

Sample ID: SP 2 @ SURFACE (H300875-04)

BTEX 8021B	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.18	0.500	04/16/2013	ND	1.95	97.6	2.00	7.04	
Toluene*	21.2	0.500	04/16/2013	ND	1.94	96.8	2.00	6.83	
Ethylbenzene*	18.0	0.500	04/16/2013	ND	1.92	96.0	2.00	7.16	
Total Xylenes*	58.2	1.50	04/16/2013	ND	5.59	93.2	6.00	6.83	
Total BTEX	102	3.00	04/16/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	139	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: DW					
Analyte .	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/16/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06

Method Blank

ND

ND

BS

195

195

% Recovery

97.6

97.3

True Value QC

200

200

RPD

3.04

3.66

Qualifier

Analyzed

04/15/2013

04/15/2013

Cardinal Laboratories

Analyte

GRO C6-C10

DRO >C10-C28

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Result

3350

35800

122 %

1430 %

Reporting Limit

100

100

65.2-140

63.6-154

*=Accredited Analyte

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for 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 thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including those for negligence and terror tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and incidents within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptors, loss of or profits incidented by client, its subidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise, Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratores.

Celeg D. Keene

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:	04/12/2013	Sampling Date:	04/10/2013
Reported:	04/18/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 1' (H300875-05)

BTEX 8021B	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/16/2013	ND	1.95	97.6	2.00	7.04	
Toluene*	<0.050	0.050	04/16/2013	ND	1.94	96.8	2.00	6.83	
Ethylbenzene*	<0.050	0.050	04/16/2013	ND	1.92	96.0	2.00	7.16	
Total Xylenes*	<0.150	0.150	04/16/2013	ND	5.59	93.2	6.00	6.83	
Total BTEX	<0.300	0.300	04/16/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	109 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/l	kg	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/16/2013	ND	432	108	400	0.00	
TPH 8015M	mg/l	(g	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/15/2013	ND	195	97.6	200	3.04	
DRO >C10-C28	136	10.0	04/15/2013	ND	195	97.3	200	3.66	
Surrogate: 1-Chlorooctane	94.8 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	120 %	63.6-15-	,						

Sample ID: SP 2 @ 2' (H300875-06)

Chloride, SM4500CI-B mg/kg		Analyzed By: DW							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/16/2013	ND	432	108	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keene

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:	04/12/2013	Sampling Date:	04/10/2013
Reported:	04/18/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN	1999/1000 TOP CONTRACTOR DIST	

Sample ID: SP 3 @ SURFACE (H300875-07)

Chloride, SM4500Cl-B mg/kg		Analyze	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/16/2013	ND	432	108	400	0.00	

Sample ID: SP 3 @ 1' (H300875-08)

Chloride, SM4500CI-B	mg,	mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/16/2013	ND	432	108	400	0.00	

Sample ID: SP 3 @ 2' (H300875-09)

Chloride, SM4500Cl-B mg/kg		/kg	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/16/2013	ND	432	108	400	0.00	

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Celeg & Keene

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:	04/12/2013	Sampling Date:	04/10/2013
Reported:	04/18/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN	2.	

Sample ID: SP 4 @ SURFACE (H300875-10)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.44	1.00	04/16/2013	ND	1.95	97.6	2.00	7.04	
Toluene*	16.6	1.00	04/16/2013	ND	1.94	96.8	2.00	6.83	
Ethylbenzene*	13.9	1.00	04/16/2013	ND	1.92	96.0	2.00	7.16	
Total Xylenes*	45.0	3.00	04/16/2013	ND	5.59	93.2	6.00	6.83	
Total BTEX	78.9	6.00	04/16/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	152	89.4-12	6						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	04/16/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-06

Method Blank

ND

ND

BS

195

195

% Recovery

97.6

97.3

Analyzed

04/15/2013

04/15/2013

Cardinal Laboratories

Analyte

GRO C6-C10

DRO >C10-C28

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Result

2450

35400

213 %

1520 %

Reporting Limit

100

100

65.2-140

63.6-154

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RPD

3.04

3.66

Qualifier

True Value QC

200

200

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 6 of 10



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

Received:	04/12/2013	Sampling Date:	04/10/2013
Reported:	04/18/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 4 @ 1' (H300875-11)

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	04/16/2013	ND	1.95	97.6	2.00	7.04	
Toluene*	<0.050	0.050	04/16/2013	ND	1.94	96.8	2.00	6.83	
Ethylbenzene*	<0.050	0.050	04/16/2013	ND	1.92	96.0	2.00	7.16	
Total Xylenes*	<0.150	0.150	04/16/2013	ND	5.59	93.2	6.00	6.83	
Total BTEX	<0.300	0.300	04/16/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	106 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/16/2013	ND	432	108	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	04/15/2013	ND	195	97.6	200	3.04	
DRO >C10-C28	209	10.0	04/15/2013	ND	195	97.3	200	3.66	
Surrogate: 1-Chlorooctane	88.4 %	65.2-14	0						

Sample ID: SP 4 @ 2' (H300875-12)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/16/2013	ND	432	108	400	0.00	

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed valved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 7 of 10



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

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.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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 SM4500CI-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

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

101 East Marland, Hobbs, NM 88240	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	
Company Name: BBC International, Inc.		10/1
Project Manager: Cliff Brunson		
Address: P.O. Box 805	Company:	R Vit Yi
city: Hobbs State: NM Zip: 88241	Attn:	10
5-397-6388 Fax #: 575-397-1	Address: SAMF	5
õ		
	State: Zip:	
Project Location:	#	1
Sampler Name: Rocere HER MIN dFZ	VE	
	PRESERVI SAMPLING	
S ER	DR. 4 2	
Lab I.D. Sample I.D. B OR (C ITAINEF NDWATE	1: DASE: OOL 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2:	
# CON GROL		
ISDIØSURE GILL V	1 21-01-11 1	
2 (0)	1 10.01 10 10 V	
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1 2 1 5	V 10-12 11-22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
O cl CII V	1/ 1/01,2 1/08 V	
200	W.	1
	11. 11. 11. 11. 11. 11. 11. 11. 11. 11.	
SURF B	W 4.10. 19 11 2 1 1 1 1	
Can	i cr: tri, shall be limited to the annount paid by the client for the d received by Cardinal within 30 days after completion of the applicable loss of use, or loss of profils incurred by client, its subsidiaries.	gair.
Relinquished By Date: 7,7,7,4 Received By: 11	CI No	
Laco transmer This of May Me	A GAA REMARKS: Q Yes Q No Add'I Fax #:	
Relinquished By: Date: Received By:		2
Time:		
¥.	CHECK	
Sampler - UPS - Bus - Other:		
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393/2476	505-393 ⁶ 2476	

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Received by OCD: 3/8/2023 11:35:31 AM

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Sampler Name: FOR LAB USE ONLY Company Name: BBC International, Inc. city: Hobbs Project Manager: Cliff Brunson Sampler - UPS -**Rellhquished By: Kelinquished B** analyses. All claims' including those arvice. In no event shall Cardinal I 3008r Project Name: Project #: Phone #: 575-397-6388 Address: P.O. Box 805 LEASE NOTE: Liability and Damages. Cardinal's Project Location: **Delivered By:** Lab I.D. + Cardinal cannot accept verbal changes. Please fax written changes to 505-393/2476 ちつ N -ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476 Bus - Other: (Circle One) ž Sample I.D. RIZE C ROGER 6 0 -Date: Fax #: Time: Project Owner: Times State: NM Hernande 575-397-0397 Zip: P (G)RAB OR (C)OMP. to # CONTAINERS eived By 88241 OXI GROUNDWATER Cool Intact Sample Condition WASTEWATER SOIL MATRIX ÔIL #26 SLUDGE MULON State: OTHER : City: Attn: P.O. #: Address: Company: Fax #: Phone #: ved by Cardinal within 30 days ACID/BASE: PRESERV. ICE / COOL loss of profits OTHER : 三川見翻るの KED BY: to the 4-10-13 21- 01-h Zip: DATE SAMPLING safter completion of the applicable I by client, its subsidiaries, paid by the client for the Phone Result: Fax Result: REMARKS: CHAIN-OF-CUSTODY AND ANALYSIS REQUEST 220 200 TIME □ Yes U U No Add'l Phone #: Add'l Fax #: ANALYSIS REQUEST .

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Released to Imaging: 7/12/2023 4:24:48 PM



November 21, 2013

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

RE: PRIZE 27 #2

Enclosed are the results of analyses for samples received by the laboratory on 11/15/13 8:21.

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/qa/lab accredited 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 11/15/2013 Sampling Date:

Received:	11/15/2013	Sampling Date:	11/08/2013
Reported:	11/21/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SP 1 @ SURFACE (H302790-01)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17000	16.0	11/21/2013	ND	432	108	400	3.77	

Sample ID: SP 1 @ 1 FT (H302790-02)

BTEX 8021B	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	11/18/2013	ND	2.14	107	2.00	2.60	
Toluene*	<0.200	0.200	11/18/2013	ND	2.12	106	2.00	2.40	
Ethylbenzene*	0.611	0,200	11/18/2013	ND	2.12	106	2.00	2.58	
Total Xylenes*	1.02	0.600	11/18/2013	ND	6.19	103	6.00	2.34	
Total BTEX	1.64	1.20	11/18/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	151 %	6 89.4-12	б						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	11/21/2013	ND	432	108	400	3.77	
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	116	50.0	11/15/2013	ND	182	91.1	200	5.05	
DRO >C10-C28	2320	50.0	11/15/2013	ND	182	90.8	200	6.00	
Surrogate: 1-Chlorooctane	67.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	127 9	63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	11/15/2013	Sampling Date:	11/08/2013
Reported:	11/21/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SP 1 @ 2 FT (H302790-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/21/2013	ND	432	108	400	3.77	

Sample ID: SP 1 @ 3 FT (H302790-04)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/21/2013	ND	432	108	400	3.77	

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Received:	11/15/2013	Sampling Date:	11/08/2013
Reported:	11/21/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SP 1 @ 4 FT (H302790-05)

BTEX 8021B	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	11/18/2013	ND	2.14	107	2.00	2.60	
Toluene*	<0.050	0.050	11/18/2013	ND	2.12	106	2.00	2.40	
Ethylbenzene*	<0.050	0.050	11/18/2013	ND	2.12	106	2.00	2.58	
Total Xylenes*	<0.150	0.150	11/18/2013	ND	6.19	103	6.00	2.34	
Total BTEX	<0.300	0.300	11/18/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	112 %	% 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	Qualifie
Chloride	128	16.0	11/21/2013	ND	432	108	4 00	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<10.0	10.0	11/15/2013	ND	182	91.1	200	5.05	
DRO >C10-C28	53.4	10.0	11/15/2013	ND	182	90.8	200	6.00	
Surrogate: 1-Chlorooctane	95.3 9	65.2-14	0						

Sample ID: SP 2 @ SURFACE (H302790-06)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5860	16.0	11/21/2013	ND	432	108	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager

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Received:	11/15/2013	Sampling Date:	11/11/2013
Reported:	11/21/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SP 2 @ 1 FT (H302790-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	11/18/2013	ND	2.14	107	2.00	2.60	
Toluene*	2.30	1.00	11/18/2013	ND	2.12	106	2.00	2.40	
Ethylbenzene*	3.01	1.00	11/18/2013	ND	2.12	106	2.00	2.58	
Total Xylenes*	7.99	3.00	11/18/2013	ND	6.19	103	6.00	2.34	
Total BTEX	13.3	6.00	11/18/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	127 %	6 89.4-120	б						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Pocult	Peporting Limit	Analyzod	Method Blank	PC	% Recovery	True Value OC	ססס	Qualifier

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	11/21/2013	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GR0 C6-C10	619	100	11/15/2013	ND	182	91.1	200	5.05	
DR0 >C10-C28	5120	100	11/15/2013	ND	182	90.8	200	6.00	
Surrogate: 1-Chlorooctane	172	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	390	63.6-15	4						

Sample ID: SP 2 @ 2 FT (H302790-08)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	11/21/2013	ND	432	108	400	3.77	

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Received:	11/15/2013	Sampling Date:	11/11/2013
Reported:	11/21/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SP 2 @ 3 FT (H302790-09)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	11/21/2013	ND	432	108	400	3.77	

Sample ID: SP 2 @ 4 FT (H302790-10)

BTEX 8021B	mg,	mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2013	ND	2.14	107	2.00	2.60	
Toluene*	<0.050	0.050	11/19/2013	ND	2.12	106	2.00	2.40	
Ethylbenzene*	<0.050	0.050	11/19/2013	ND	2.12	106	2.00	2.58	
Total Xylenes*	<0.150	0.150	11/19/2013	ND	6.19	103	6.00	2.34	
Total BTEX	<0.300	0.300	11/19/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	113 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/21/2013	ND	432	108	400	3.77	
TPH 8015M	5M 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	11/15/2013	ND	182	91.1	200	5.05	

Surrogate: 1-Chlorooctane	88.8 %
Surrogate: 1-Chlorooctadecane	98.3 %

22.8

10.0

65.2-140

63.6-154

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DRO >C10-C28

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6.00

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ND

182

90.8

200

11/15/2013

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Celey D. Keene, Lab Director/Quality Manager



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Received:	11/15/2013	Sampling Date:	11/11/2013
Reported:	11/21/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SP 3 @ SURFACE (H302790-11)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11500	16.0	11/21/2013	ND	432	108	400	3.77	

Sample ID: SP 3 @ 1' (H302790-12)

BTEX 8021B	mg/	ig/kg Analyze		ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2013	ND	2.14	107	2.00	2.60	
Toluene*	<0.050	0.050	11/19/2013	ND	2.12	106	2.00	2.40	
Ethylbenzene*	<0.050	0.050	11/19/2013	ND	2.12	106	2.00	2.58	
Total Xylenes*	<0.150	0.150	11/19/2013	ND	6.19	103	6.00	2.34	
Total BTEX	<0.300	0.300	11/19/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	116%	6 89.4-12	6						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	11/21/2013	ND	432	108	400	3.77	
TPH 8015M	mg/l	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	11/15/2013	ND	182	91.1	200	5.05	
DRO >C10-C28	503	50.0	11/15/2013	ND	182	90.8	200	6.00	
Surrogate: 1-Chlorooctane	81.7%	6 65.2-140)						
Surrogate: 1-Chlorooctadecane	123 %	63.6-154	t -						

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Received:	11/15/2013	Sampling Date:	11/11/2013
Reported:	11/21/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SP 3 @ 2' (H302790-13)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	11/21/2013	ND	432	108	400	3.77	

Sample ID: SP 3 @ 3' (H302790-14)

Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	11/21/2013	ND	432	108	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager



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Received:	11/15/2013	Sampling Date:	11/11/2013
Reported:	11/21/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SP 3 @ 4' (H302790-15)

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	11/19/2013	ND	2.14	107	2.00	2.60	
Toluene*	<0.050	0.050	11/19/2013	ND	2.12	106	2.00	2.40	
Ethylbenzene*	<0.050	0.050	11/19/2013	ND	2.12	106	2.00	2.58	
Total Xylenes*	<0.150	0.150	11/19/2013	ND	6.19	103	6.00	2.34	
Total BTEX	<0.300	0.300	11/19/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL 110 % 89.4-126

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	11/21/2013	ND	432	108	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	11/15/2013	ND	182	91.1	200	5.05	
DRO >C10-C28	61.0	10.0	11/15/2013	ND	182	90.8	200	6.00	
Surrogate: 1-Chlorooctane	93.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	99.8	% 63.6-15	4						

Sample ID: SP 4 @ SURFACE (H302790-16)

Chloride, SM4500CI-B mg/kg		/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10100	16.0	11/21/2013	ND	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager





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Received:	11/15/2013	Sampling Date:	11/11/2013
Reported:	11/21/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SP 4 @ 1 (H302790-17)

BTEX 8021B	mg/	kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2013	ND	2.14	107	2.00	2.60	
Toluene*	<0.050	0.050	11/19/2013	ND	2.12	106	2.00	2.40	
Ethylbenzene*	0.254	0.050	11/19/2013	ND	2.12	106	2.00	2.58	
Total Xylenes*	0.307	0.150	11/19/2013	ND	6.19	103	6.00	2.34	
Total BTEX	0.561	0.300	11/19/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	150 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/l	٨g	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	11/21/2013	ND	432	108	400	0.00	
TPH 8015M	mg/l	¢g	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	11/18/2013	ND	215	108	200	0.572	
DRO >C10-C28	520	50.0	11/18/2013	ND	210	105	200	2.06	
Surrogate: 1-Chlorooctane	70.3 %	65.2-140)						
Surrogate: 1-Chlorooctadecane	132 %	63.6-15-							

Sample ID: SP 4 @ 2 (H302790-18)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	11/21/2013	ND	432	108	400	0.00	

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Sample ID: SP 4 @ 3 (H302790-19)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2013	ND	2.14	107	2.00	2.60	
Toluene*	<0.050	0.050	11/19/2013	ND	2.12	106	2.00	2.40	
Ethylbenzene*	<0.050	0.050	11/19/2013	ND	2.12	106	2.00	2.58	
Total Xylenes*	<0.150	0.150	11/19/2013	ND	6.19	103	6.00	2.34	
Total BTEX	<0.300	0.300	11/19/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	112 9	% 89.4-12	6						
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	11/21/2013	ND	432	108	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	11/18/2013	ND	215	108	200	0.572	
DRO >C10-C28	122	10.0	11/18/2013	ND	210	105	200	2.06	
Surrogate: 1-Chlorooctane	93.4 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	125 %	63.6-15-	4						

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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.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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 SM4500CI-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

Celey D. Keene, Lab Director/Quality Manager

Page 12 of 14

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476 Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zi Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zi Project Name: Dri C. C. J. C. J. Project Name: Dri C. J. C. J. Sampler Name: Dri C. J. C. J. Project Location: C. J. C. J. Foruauseowr Foruauseowr J. SOL Q. J. C. J. C. J. H. J. D. Sample I.D. J. SOL Q. J. F.H G. J. J. C. J. Kace J. P.J. Q. J. F.H G. J. J. C. J. Kace J. P.J. C. J. Kace	Image: State of the second	
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SPIC 2FT		NWW
SPIC 4Ft		32:48 X
a Lollo h		XXXX
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Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sub Cool Intact (HECKED)	
T Gardinal cannot accept verbal changes. Please fax written changes	fax written changes to 505-393-2405	

Received by OCD: 3/8/2023 11:35:31 AM

Page 42 of 58

Page 13 of 14



RDINAL LABORA TO 101 East Marland, Hobbs, N (505) 393-2326 FAX (505) 39 EBC International, Inc. e: BBC International, Inc. e: Cliff Brunson State: Project N: Cliff Brunson State: 397-6388 Fax #: Wige 27-2 N: C-M In: C-M In: C-M	IM 88240 93-2476 <t< th=""><th>SILA TO ANALYSIS REQUEST</th></t<>	SILA TO ANALYSIS REQUEST
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analyses. All claims including those for negligence and any other cause whotsopover shall be deemed waived unises made in willing and received by Cardnal within 30 days after completion of the applicable service. In no event shall Cardnal be lable for incidental or consequential damages, including without limitation, business interruptions, toss of use, or loss of profits incurred by claim, its subscriptions of the applicable affiliates or successors arising out of or related to the performance of services hereunder by Cardnal without and the transmission of the above stated reasons or related to the performance of services hereunder by Cardnal water such claim is based upon any of the above stated reasons or otherwise.	e for negligence and any other cause whatsoore sincy or way ware assessing writering ossessing to contract of cty. Stall be litt be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of or related to the performance of services hereunder by Cardinal, reparderss of whathar such claim is based upon any	enrar oased in voltinga and trackised bit the amount paid by the cilent for the ess made in writing and received by Cardinal within 30 draft or completion of the applicable business interruptions, loss of use, or loss of profils incurred by cilent, its subsidiares, of whathar such claim is based upon any of the above stated reasons or otherwise
Relinquished By:	1 Received By: Received By:	
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T Cardinal cannot accept verbal changes. Please fax written changes to 505-393-24 da	ease fax written changes to 505-393-24 #54	



May 02, 2014

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

RE: PRIZE 27 #2

Enclosed are the results of analyses for samples received by the laboratory on 05/01/14 11:25.

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/qa/lab accredited 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:	05/01/2014	Sampling Date:	04/30/2014
Reported:	05/02/2014	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	C-29		Ω.

Sample ID: SP 1 CONFIRMATION @ 2 (H401325-01)

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	05/02/2014	ND	2.14	107	2.00	6.40	
Toluene*	<0.050	0.050	05/02/2014	ND	2.13	107	2.00	5.91	
Ethylbenzene*	<0.050	0.050	05/02/2014	ND	2.11	106	2.00	5.51	
Total Xylenes*	<0.150	0.150	05/02/2014	ND	6.38	106	6.00	4.43	
Total BTEX	<0.300	0.300	05/02/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	119 9	% 89.4-12	6					and an electron term from	
Chloride, SM4500CI-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	05/02/2014	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	05/02/2014	ND	174	86.8	200	1.74	
DRO >C10-C28	<10.0	10.0	05/02/2014	ND	199	99.3	200	3.05	
DRO >C10-C28 Surrogate: 1-Chlorooctane				ND	199	99.3	200	3.05	

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*=Accredited Analyte

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Celey D. Kune

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:	05/01/2014	Sampling Date:	04/30/2014
Reported:	05/02/2014	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	C-29	 PORT - DOM - DOM 	erronnen, in 🔸 salanis, julia (1988) (1989) (2010)

Sample ID: SP 2 CONFIRMATION @ 2 (H401325-02)

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	05/02/2014	ND	2.14	107	2.00	6.40	
Toluene*	<0.050	0.050	05/02/2014	ND	2.13	107	2.00	5.91	
Ethylbenzene*	<0.050	0.050	05/02/2014	ND	2.11	106	2.00	5.51	
Total Xylenes*	<0.150	0.150	05/02/2014	ND	6.38	106	6.00	4.43	
Total BTEX	<0.300	0.300	05/02/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	118 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	864	16.0	05/02/2014	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	05/02/2014	ND	174	86.8	200	1.74	
DRO >C10-C28	<10.0	10.0	05/02/2014	ND	199	99.3	200	3.05	
Surrogate: 1-Chlorooctane			-						
Surrogule. 1-Chiorobelune	104 %	65.2-140)						

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*=Accredited Analyte

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Celeg D. Keene

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: 05/01/2014 Sampling Date: 04/30/2014 Reported: 05/02/2014 Sampling Type: Soil Project Name: PRIZE 27 #2 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Celey D. Keene Project Location: C-29

Sample ID: SP 3 CONFIRMATION @ 2 (H401325-03)

BTEX 8021B	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2014	ND	2.14	107	2.00	6.40	
Toluene*	<0.050	0.050	05/02/2014	ND	2.13	107	2.00	5.91	
Ethylbenzene*	<0.050	0.050	05/02/2014	ND	2.11	106	2.00	5.51	
Total Xylenes*	<0.150	0.150	05/02/2014	ND	6.38	106	6.00	4.43	
Total BTEX	<0.300	0.300	05/02/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	118 9	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	05/02/2014	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	05/02/2014	ND	174	86.8	200	1.74	
DRO >C10-C28	<10.0	10.0	05/02/2014	ND	199	99.3	200	3.05	
Surrogate: 1-Chlorooctane	93.1 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	89.8 9	63.6-15-							

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 6



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

Notes and Definitions

Ν	D	Analyte NOT DETECTED at or above the reporting limit
RI	PD	Relative Percent Difference
**	¢	Samples not received at proper temperature of 6°C or below.
**	*	Insufficient time to reach temperature.
-		Chloride by SM4500CI-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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

(505) 393-2326 FAX (505) 393-2476	
Company Name: BBC International, Inc.	ANALYSIS REQUEST
Project Manager: Cliff Brunson	
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: DXV	city: UM
Project Name: Prize 27 Federal #2	State: Zip:
Project Location: Mills Runch Rogd	<u>#</u>
Sampler Name: JEFF RRNELAS	Fax #:
FOR LAB USE ONLY MATRIX	PRESERV SAMPLING
Lab I.D. Sample I.D. B OR (C)OMP. MIAINERS JNDWATER EWATER GE	
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35p3-Cartimation 2 6 11 +	+ + 20/100 × × × ×
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Date: Received By:	
Time: 10	□ Yes □ No Add'l Fax #:
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Sampler - UPS - Bus - Other: -9.20 Pres Uves	fol
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476	305-393-2476

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Page 6 of 6

Kathy Purvis

From:	Leking, Geoffrey R, EMNRD <geoffreyr.leking@state.nm.us></geoffreyr.leking@state.nm.us>
Sent:	Monday, February 03, 2014 7:36 AM
То:	Cliff P. Brunson
Cc:	C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	RE: Oxy-Prize 27 Federal #2 Battery-Remediation Plan

Cliff

The remediation proposal described in the email below is approved.

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: Friday, January 31, 2014 4:17 PM
To: Leking, Geoffrey R, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Oxy-Prize 27 Federal #2 Battery-Remediation Plan

Geoff,

This message is to confirm our discussion on January 30, 2014 concerning the remediation plan for the Oxy Prize 27 Federal #2 Battery site. I have attached the materials that we used in our discussion. As discussed, Oxy will excavate the entire spill area to a depth of 1 to 2 feet or as practicable, but will attempt to get as close to 2 feet as possible. The area will then be backfilled with clean soil. This remediation plan will remediate the two spills that occurred at the site on 4/1/13 and 4/29/13.

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

Thanks, Cliff

If you would please reply back via e-mail with your concurrence to this 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

Kathy Purvis

From:	Oberding, Tomas, EMNRD <tomas.oberding@state.nm.us></tomas.oberding@state.nm.us>
Sent:	Monday, August 11, 2014 9:21 AM
То:	Kathy Purvis
Subject:	RE: OXY-Prize 27 Federal #2 Battery-Remediation Plan

Aloha MS Purvis,

Based on the documents provided and the discussions with Mr. Brunson, please let this be official notice of NMOCD's approval for the proposed remediation of this event. If you have any questions let me know. Mahalo -Doc

Tomáš 'Doc' Oberding, PhD Environmental Specialist – New Mexico Oil Conservation Division Energy, Minerals and Natural Resources Department 1625 N. French Dr. Hobbs, NM 88240 (O): (575) 393-6161 ext 111 (C): 575-370-3180 (F): (575) 393-0720 E-Mail: tomas.oberding@state.nm.us Website: http://www.emnrd.state.nm.us/ocd/

From: Kathy Purvis [mailto:kathy@bbcinternational.com]
Sent: Monday, August 11, 2014 9:21 AM
To: Oberding, Tomas, EMNRD
Subject: RE: OXY-Prize 27 Federal #2 Battery-Remediation Plan

Can I also get email confirmation of approval for this site?

Kathy Purvis BBC International, Inc. 1324 W. Marland Hobbs, NM 88240 Phone: (575) 397-6388 Fax: (575) 397-0397 Email: <u>kathy@bbcinternational.com</u>

From: Oberding, Tomas, EMNRD [mailto:Tomas.Oberding@state.nm.us]
Sent: Friday, August 08, 2014 11:57 AM
To: Cliff P. Brunson
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: OXY-Prize 27 Federal #2 Battery-Remediation Plan

You RP for this event is: 1RP-3223 Tomáš 'Doc' Oberding, PhD Environmental Specialist – New Mexico Oil Conservation Division Energy, Minerals and Natural Resources Department 1625 N. French Dr. Hobbs, NM 88240 (O): (575) 393-6161 ext 111 (C): 575-370-3180 (F): (575) 393-0720 E-Mail: tomas.oberding@state.nm.us Website: http://www.emnrd.state.nm.us/ocd/

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Thursday, August 07, 2014 5:10 PM
To: Oberding, Tomas, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY-Prize 27 Federal #2 Battery-Remediation Plan

Tomas,

This e-mail is to confirm our conversation today, August 7, 2014, to refresh our first conversation on July 3, 2014 with Geoff about the closure of the remediation plans for the above referenced site. I have attached the materials that we used in our discussion. As discussed, there had been a total of 4 leaks at the site in the same area. The first two had been delineated and had approved remediation plans and just before we started the clean up, two other leaks occurred. When we did start the remediation activities, we were able to clean up the impacted soils for all four leaks. In addition, we took confirmation samples for verification. This data is also inclosed in the information packet.

Therefore, Oxy is requesting the approval to backfill this site and thereby closing all four leaks that have occurred at the site. Upon receipt of written approval, the site will then be backfilled with clean soil. Final C-141s will be sent upon completion.

If you would please e-mail your concurrence with this path forward, 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: <u>cbrunson@bbcinternational.com</u>

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Kathy Purvis

From:	Van Curen, Jennifer <jvancure@blm.gov></jvancure@blm.gov>
Sent:	Tuesday, February 04, 2014 7:20 AM
То:	Cliff P. Brunson
Cc:	C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	Re: FW: Oxy-Prize 27 Federal #2 Battery-Remediation Plan

CJ,

Plan is approved with stips.

1. If 2' cannot be reached at SP2 and SP3, I will need samples at point reached for confirmation.

2. Cleanup actions must be initiated within 30 days of plan approval.

3. Install secondary containment berms of good quality compactable caliche around existing production equipment and the pad to prevent future spills from being released off the facility location.

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

On Mon, Feb 3, 2014 at 2:40 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 as referenced by his e-mail below. Oxy will excavate the impacted area to a depth of 1 to 2 feet attempting to get to 2 feet if possible as depicted on the attached site drawing. The area 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

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: Geoffrey Leking <geoffreyr.leking@state.nm.us>
Date: Monday, February 3, 2014 7:35 AM
To: Cliff Brunson <<u>cbrunson@bbcinternational.com</u>>
Cc: C J Summers <<u>Chancey Summers@oxy.com</u>>, Ken Swinney <<u>kswinney@bbcinternational.com</u>>, Jennifer Gilkey
<<u>igilkey@bbcinternational.com</u>>, Kathy Purvis <<u>kathy@bbcinternational.com</u>>
Subject: RE: Oxy-Prize 27 Federal #2 Battery-Remediation Plan

Cliff

The remediation proposal described in the email below is approved.

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: Friday, January 31, 2014 4:17 PM
To: Leking, Geoffrey R, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Oxy-Prize 27 Federal #2 Battery-Remediation Plan

Geoff,

This message is to confirm our discussion on January 30, 2014 concerning the remediation plan for the Oxy Prize 27 Federal #2 Battery site. I have attached the materials that we used in our discussion. As discussed, Oxy will excavate the entire spill area to a depth of 1 to 2 feet or as practicable, but will attempt to get as close to 2 feet as possible. The area will then be backfilled with clean soil. This remediation plan will remediate the two spills that occurred at the site on 4/1/13 and 4/29/13.

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

Thanks, Cliff

If you would please reply back via e-mail with your concurrence to this 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

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Phone: (575) 397-6388

Fax: (575) 397-0397

E-Mail: cbrunson@bbcinternational.com

Kathy Purvis

From:	Oberding, Tomas, EMNRD <tomas.oberding@state.nm.us></tomas.oberding@state.nm.us>
Sent:	Wednesday, October 22, 2014 9:19 AM
То:	Kathy Purvis
Cc:	cbrunson@bbcinternational.com
Subject:	RE: Closure for the first 4 leaks at the Prize 27 Federal #2

Aloha Kathy et al,

Thank you for sending this in. After review, and based on the sample results provided OCD considers these set of events closed.

I will enter these into the system as soon as possible. Mahalo -Doc

Tomáš 'Doc' Oberding, PhD Environmental Specialist – New Mexico Oil Conservation Division Energy, Minerals and Natural Resources Department 1625 N. French Dr. Hobbs, NM 88240 (O): (575) 393-6161 ext 111 (C): 575-370-3180 (F): (575) 393-0720 E-Mail: tomas.oberding@state.nm.us Website: http://www.emnrd.state.nm.us/ocd/

From: Kathy Purvis [mailto:kathy@bbcinternational.com]
Sent: Wednesday, October 22, 2014 9:04 AM
To: Oberding, Tomas, EMNRD
Cc: cbrunson@bbcinternational.com
Subject: RE: Closure for the first 4 leaks at the Prize 27 Federal #2

Okay, let's try this. I compressed it so maybe it will go through.

Kathy Purvis BBC International, Inc. 1324 W. Marland Hobbs, NM 88240 Phone: (575) 397-6388 Fax: (575) 397-0397 Email: <u>kathy@bbcinternational.com</u>

From: Oberding, Tomas, EMNRD [mailto:Tomas.Oberding@state.nm.us]
Sent: Wednesday, October 22, 2014 8:20 AM
To: Kathy Purvis
Cc: cbrunson@bbcinternational.com
Subject: RE: Closure for the first 4 leaks at the Prize 27 Federal #2

Please send it in parts. If it is that big, the poor thing would be scanned for at least a month or so (yes we have that large a backlog and Santa Fe doesn't want to hire us any additional help, let along get us another scanner). Thank you for your help.

Tomáš 'Doc' Oberding, PhD Environmental Specialist – New Mexico Oil Conservation Division Energy, Minerals and Natural Resources Department 1625 N. French Dr. Hobbs, NM 88240 (O): (575) 393-6161 ext 111 (C): 575-370-3180 (F): (575) 393-0720 E-Mail: tomas.oberding@state.nm.us Website: http://www.emnrd.state.nm.us/ocd/

From: Kathy Purvis [mailto:kathy@bbcinternational.com]
Sent: Wednesday, October 22, 2014 8:08 AM
To: Oberding, Tomas, EMNRD
Cc: cbrunson@bbcinternational.com
Subject: Closure for the first 4 leaks at the Prize 27 Federal #2

I have been trying to send you the closure report for the first 4 leaks at this location, but it returns it stating the file is too big. Is this one we can just mail or do you prefer to have it sent in parts?

Kathy Purvis BBC International, Inc. 1324 W. Marland Hobbs, NM 88240 Phone: (575) 397-6388 Fax: (575) 397-0397 Email: kathy@bbcinternational.com

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District III

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

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

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

CONDITIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	194830
	Action Type:
	[IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By		Condition Date
jharimon	None	7/12/2023

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