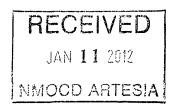


PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805 E-MAIL: cbrunson@bbcinternational.com

January 6, 2012



Mr. Mike Bratcher New Mexico Oil Conservation Division 811 S. First Street Artesia, NM 88210

Re: Oxy Final C-141 Information Packets: Cal-Mon #17, Federal 26 #3, Coyote 21-2 Battery, Indian Basin Station 128, Winston Gas Com #4, McKittrick 11-5, Jones Canyon 4-5, Two Marks 36-4

Dear Mr. Bratcher:

On behalf of Oxy USA, BBC International, Inc. is pleased to enclose the Final C-141 closure information packets for the above referenced sites for your records. These packets included initial and final C-141s, site diagrams, laboratory analyses, and correspondence pertaining to the sites.

Please let us know if you require any additional information.

Sincerely,

Cliff P. Tuman

÷.

Cliff P. Brunson President

CPB/kp

Enclosures

ENVIRONMENTAL CONSULTING AND REMEDIATION SERVICES HOBBS NEW MEXICO • WEBSITE: www.bbginternational.com • HOUSTON, TEXAS

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised October 10, 2003

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

Release	Notification	and	Corrective	Action

	OPERATOR	Initial Report	X Final Report
Name of Company Oxy Permian LTD	Contact Dusty Wilson		
Address 1017 W. Stanolind Rd, Hobbs NM	Telephone No. (575) 397-8247		
Facility Name Winston Gas Com #4	Facility Type Production		

L	Surface	Owner	RI M
1	Surrace	Owner	DLIVI

Mineral Owner BLM

Lease No. 30-015-30337

LOCATION OF RELEASE API #30-015-28305

Unit	Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N		31	21S	24E					Eddy

Latitude_____ Longitude____

NATURE OF DELEASE

NATORE	OF RELEASE	
Type of Release Produced water	Volume of Release 16 bw	Volume Recovered 10 bw
Source of Release SWD pump failure	Date and Hour of Occurrence 08/18/2011	Date and Hour of Discovery: 08/18/2011
Was Immediate Notice Given?	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached?	If YES, Volume Impacting the W	RECEIVED
If a Watercourse was Impacted, Describe Fully.*		
N/A		JAN 11 2012
		NMOCD ARTESIA
Describe Cause of Problem and Remedial Action Taken.*		
Thrust chamber on SWD pump failed. All free fluids were recover BLM approved remediation plans.	ed via Vac Truck. Remediation	complete as described in the OCD and

Describe Area Affected and Cleanup Action Taken.*

10 bw were recovered. Immediate/initial response was free-fluid recovery via vacuum truck. Clean up was performed by excavating the impacted soil and backfilling the site with clean soil. Confirmation sampling was performed and results were provided to the BLM and NMOCD. Closure was granted on 11/28/2011 by the BLM. Finalization approval was granted by the NMOCD on 11/22/2011.

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.

Signature:	<u>OIL CONSER</u>	VATION DIVISION
Printed Name: Dusty Wilson	Approved by District Supervisor:	
Title: HES Specialist	Approval Date:	Expiration Date:
E-mail Address: Dusty_Wilson@oxy.com	Conditions of Approval:	Attached
Date: 12-19-2011 Phone: (575) 397-8210		

* Attach Additional Sheets If Necessary

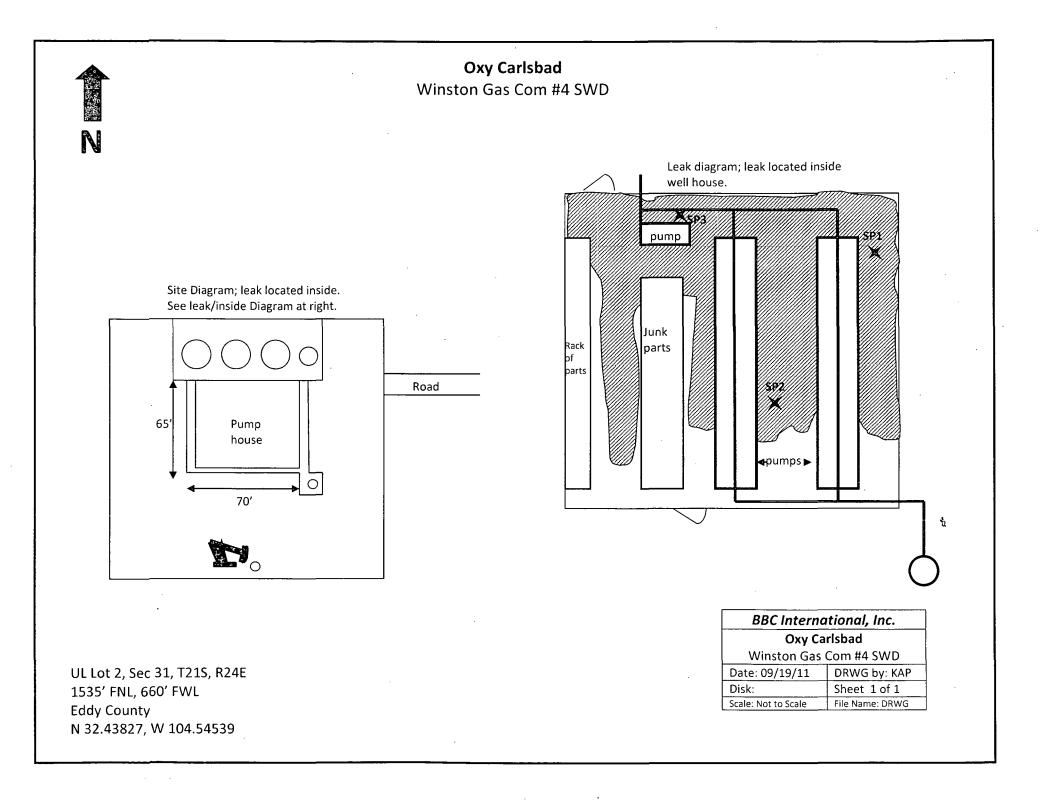
State of New Mexico **Energy Minerals and Natural Resources**

> 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

	Release Notification and Corrective Action										
						OPERATOR XX Initial Report Final Re					Final Report
Name of Co			LTD.			Contact Dusty Wilson					
Address 1017 W. Stanolind Rd				Telephone N	No. (575) 397-8	8247					
Facility Nar	ne Winsto	on Gas Com	# 4			Facility Typ	e Production				
Surface Ow	ner BLM			Mineral C	wner l	BLM			Lease N	No. 30-015-303	37
				LOCA	TIO	N OF REI	LEASE				
Unit Letter	Section	Township	Range	Feet from the	North	/South Line	Feet from the	East/We	st Line	County	
N	31	21s	24e							Eddy	
			Lat	itude		Longitud	le				
				NAT	URE	OF REL	EASE				
Type of Rele						Volume of		1	/olume I	Recovered	
Produce wate		<u>.,</u>				16 bw	Iour of Occurrenc	-	0 bw	Haur of Discour	
Source of Re SWD pump f						08/18/201	l		08/18/20	Hour of Discove	ery
Was Immedi	ate Notice C		es No	XX Not Require	he	If YES, To	Whom?				
By Whom? Was a Water	Dourse Deer	hed?				Date and Hour If YES, Volume Impacting the Watercourse					
was a water	course Read		Yes X	No		n/a RECEIVED					
If a Watercou	irse was Im	pacted, Descr	ibe Fully. ³	*			<u>, , </u>				1
N/A										JAN 11	2012
									N	IMOCD AR	ITESIA
Describe Cau	se of Probl	em and Reme	dial Actio	n Taken.*							
Thrust cham	per on SWD	pump failed.	All free f	luids were recove	red via	Vac Truck. R	emediation efforts	s continue.	Will ren	mediate to NMO	CD guidelines.
Describe Are	a Affected	and Cleanup	Action Tal	ten.*							
Remediate to	NMOCD (Guidelines.									
				·····		. <u>.</u>	···				
-		-		is true and comp nd/or file certain r			-		-		1
public health	or the envir	ronment. The	acceptant	e of a C-141 repo	ort by th	e NMOCD m	arked as "Final R	leport" doe	s not rel	ieve the operator	of liability
				investigate and r tance of a C-141							
federal, state.				<u> </u>							
A A A A					OIL CON	SERVA	TION	DIVISION			
Signature: free free free free free free free f											
Printed Name	: Dusty L.	Wilson				Approved by	District Supervis	sor:			
Title: HES S	pecialist					Approval Da	le:	Ex	piration	Date:	
E-mail Address: dusty_wilson@oxy.com				Conditions of Approval: Attached							
Date: 08/24	2011		Pł	ione: (575) 397-8	210						
Attach Additional Sheets If Necessary											

Attach Additional Sheets If Necessary



Kathy Purvis

From: Sent:	Gregston, Terry G <tgregsto@blm.gov> Monday, November 28, 2011 11:08 AM</tgregsto@blm.gov>
То:	Cliff P. Brunson; Amos, James A
Cc:	Dusty Wilson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	RE: Winston Gas Com 4 SWD-work plan stipulations

Gentlemen,

I have received your sample results. Everything looks great. The BLM approves the closure of the cleanup site. Please let me know when all work on the location is finished.

Thank you,

Terry Gregston

Environmental Protection Specialist Bureau of Land Management 620 E. Greene St. Carlsbad, NM 88220 Office (575) 234-5958 Cell (575) 361-2635 Fax (575) 234-5927

Confidentiality Warning: This message along with any attachments are intended only for use of the individual or entity to which it is addressed and may contain information that is privileged or confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately.

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Tuesday, November 22, 2011 10:29 AM
To: Gregston, Terry G; Amos, James A
Cc: Dusty Wilson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Re: Winston Gas Com 4 SWD-work plan stipulations

Terry,

I have attached a summary table and lab data for the confirmation sampling that you requested below and Oxy agreed to for the Winston Gas Com #4 SWD site. As you recall, your request was for spot or discrete samples which was done along with a composite sample per the NMOCD' request. You will see the results are non-detect.

Therefore, Oxy is requesting the approval to backfill this site and complete it. If you would please review the data and respond back to me as soon as possible, it would be greatly appreciated. We will then schedule the backfill and complete this site. The rest of the stipulations will be taken care of during the backfilling phase.

Thank you,

Cliff

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

Confidentiality Notice: This electronic transmission (and any attached documents) is intended only for the person(s) to whom it is addressed and may contain information that is privileged, confidential, or otherwise protected from disclosure. If you have received this transmission in error, please immediately notify the sender by e-mail or by telephone call to (575) 397-6388 for handling instructions. Any disclosure or distribution of the contents of this transmission by anyone other than the named recipient(s) is strictly prohibited.

From: Terry Gregston <<u>tgregsto@blm.gov</u>>

Date: Fri, 28 Oct 2011 16:17:42 -0600

To: "Cliff P. Brunson" <<u>cbrunson@bbcinternational.com</u>>, James Amos <<u>James_Amos@nm.blm.gov</u>>, Terry Gregston <<u>terry_gregston@nm.blm.gov</u>>

Cc: Dusty Wilson <<u>Dusty_Wilson@oxy.com</u>>, C J Summers <<u>Chancey_Summers@oxy.com</u>>, Ken Swinney <<u>kswinney@bbcinternational.com</u>>, Jennifer Gilkey <<u>jgilkey@bbcinternational.com</u>>, Kathy Purvis

<<u>kathy@bbcinternational.com</u>>

Subject: Winston Gas Com 4 SWD-work plan stipulations

It should be noted that this spill has occurred inside a building that has both noise and H2S hazards associated with a confined space. Since this is an active facility, excavation may be limited due to proximity to equipment and lines. However, the spill has also occurred in an area with shallow depth to groundwater (30-50') and in a High Cave/Karst area with known caves. The building will provide protection from downward migration of the unexcavated portion of the spill during rain events if the drainage around the building is contoured in such a manner that rainwater is not funneled towards the building. Ensuring that the building (and the portion of the spill left in place after excavation) is protected against rainwater inundation or flooding is included in stipulation #7 below.

The work plan for the Winston Gas Com 4 SWD, 08/18/11 spill tracking number 11NU121TG, is approved with the following stipulations:

1. Notify Terry Gregston, (575) 361-2635, when you move equipment onto the location to begin cleanup operations.

2. Notify Terry Gregston in the event that you encounter excavation difficulties or unexpected void areas. An onsite may be required to assess the situation.

3. The BLM requires horizontal cleanup of the spill impacted areas in addition to vertical cleanup/mitigation measures. In the case of the Winston Gas Com 4 SWD, 11NU121TG spill, the location is still a working tank battery location as well as an enclosed space. As such, excavation depths in portions of the spill area in close proximity to standing production equipment may be limited due to safety concerns. In such cases, such limits to cleanup measures should be considered a temporary spill abatement measure that will be further mitigated upon the abandonment of the well/facility location. Appropriate notations to that effect will be entered in the well file.

4. Confirmation samples of excavation bottoms and sidewalls will be required. While the OCD has specified a composite sample be taken, the BLM requires that spot samples be taken so that any remaining hotspots can be more readily identified and addressed prior to excavation closure.

5. Lab analysis of the confirmation sampling must be forwarded to Terry Gregston at <u>terry gregston@nm.blm.gov</u> for final approval before backfilling. Based on the sampling results, additional cleanup may be required or the site may be approved for closure.

6. Once final approval of cleanup is given, the excavation can be backfilled with clean soil to the level of the original native contour plus enough loft to accommodate the settling and compaction of unconsolidated fill soils.

7. The operator will address drainage features around the building to ensure that the building, or any portion thereof, will not flood or collect rainwater during rain events.

8. Notify the BLM when the site work is finished for final inspection.

9. Upon abandonment of the facility, any portions of the spill that were not fully mitigated (due to safety concerns created by proximity to standing equipment) will be fully mitigated.

Addition site work that needs to be done on this facility location:

-African Rue is present on the location (in berm north of facility) and needs to be treated.

-Household trash and junk equipment needs to be removed.

-The pad must be bermed with a material that is capable of containing fluid spills; the pad berm is down on the north side of the facility and needs to be rebuilt.

-All open-topped catchments and tanks must have bird/bat protection.

BLM approval of this proposal does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health, or the environment, or if the location fails to reclaim properly. In such an event that location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws/regulations.

Terry Gregston

Environmental Protection Specialist Bureau of Land Management 620 E. Greene St. Carlsbad, NM 88220 Office (575) 234-5958 Cell (575) 361-2635 Fax (575) 234-5927

Confidentiality Warning: This message along with any attachments are intended only for use of the individual or entity to which it is addressed and may contain information that is privileged or confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately.

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Thursday, October 20, 2011 5:40 PM
To: James Amos; Terry Gregston
Cc: Dusty Wilson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: FW: Oxy Winston Gas Com #4 SWD

Jim/Terry,

On behalf of Oxy, BBC would like to present the following remediation plan for the Oxy Winston Gas Com #4 SWD site. Oxy is proposing to hand excavate 6 inches of the impacted soil in the spill area inside the building where possible due to multiple lines and equipment existing in the spill area in the building. A representative composite confirmation sample will be collected in the spill area and will be analyzed for TPH and BTEX per the NMOCD's request. The excavation will then be backfilled with clean soil. The depth to groundwater in this area is approximately 30 to 50 feet. Oxy has already received the approval from the NMOCD as can be seen below. I have attached the site diagram, lab summary tables, and the lab data sheets for your review.

Oxy is asking for an approval from the BLM for this remediation plan so Oxy can move forward in remediating this site. If you could please respond back with your approval, it would be greatly appreciated. If you have any questions, please let us know.

Thank you for your time.

Sincerely,

Cliff Brunson

Cliff 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) 397-6387 Fax: (575) 397-6387 Fax: (575) 397-6387

Confidentiality Notice: This electronic transmission (and any attached documents) is intended only for the person(s) to whom it is addressed and may contain information that is privileged, confidential, or otherwise protected from disclosure. If you have received this transmission in error, please immediately notify the sender by e-mail or by telephone call to (575) 397-6388 for handling instructions. Any disclosure or distribution of the contents of this transmission by anyone other than the named recipient(s) is strictly prohibited.

From: Mike Bratcher <<u>Mike.Bratcher@state.nm.us</u>>
Date: Wed, 12 Oct 2011 14:50:42 +0000
To: Cliff Brunson <<u>cbrunson@bbcinternational.com</u>>
Cc: Dusty Wilson <<u>Dusty Wilson@oxy.com</u>>, C J Summers <<u>Chancey Summers@oxy.com</u>>, Ken Swinney
<<u>kswinney@bbcinternational.com</u>>, Jennifer Gilkey <<u>jgilkey@bbcinternational.com</u>>, Kathy Purvis
<<u>kathy@bbcinternational.com</u>>
Subject: RE: Oxy Winston Gas Com #4 SWD

Reference: OXY USA * OXY Winston Gas Com 4 SWD * 30-015-30337 * N-31-21s-24e * Eddy County, New Mexico OCD Reference Number: <u>2RP-887</u> * DOR: 8/18/11

Cliff,

As discussed, the remediation proposal submitted for cleanup of the above referenced produced fluid release is approved with the following conditions and/or stipulations:

- Notify OCD District 2 office 48 hours prior to commencement of remedial activities.
- Notify OCD District 2 office 48 hours prior to obtaining any samples where the analyses will be submitted to OCD.

- A representative composite sample is to be obtained subsequent to excavation, and tested for TPH and BTEX (confirmation).
- It is OCD's understanding that this release occurred inside a covered structure (metal building).
- Submit a Form C-141 Final Report and closure report upon satisfactory completion of project.
- Project is to be completed and closure documentation submitted to OCD not later than December 12, 2011.
- Like approval by BLM or any other regulatory authority as may be applicable.

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

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

Mihe Bratcher

NMOCD District 2 811 S. First Street Artesia, NM 88210 575-748-1283 Ext. 108 575-626-0857 mike.bratcher@state.nm.us

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Saturday, September 17, 2011 4:18 PM
To: Bratcher, Mike, EMNRD
Cc: Dusty Wilson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Oxy Winston Gas Com #4 SWD

Mike,

This e-mail is to confirm our discussion on September 13, 2011 concerning the remediation plan for the release that occurred at the Oxy Winston Gas Com #4 SWD. As agreed, Oxy will hand excavate 6 inches of the impacted soil in the spill area inside the building where possible due to multiple lines and equipment existing in the spill area in the building. The excavation will then be backfilled with clean soil. The depth to groundwater is this area is approximately 30 to 50 feet.

I have attached the site drawing and laboratory data and a few pictures that we reviewed during our discussion for your files. If you would please reply back via e-mail with your concurrence of this remediation plan, it would be greatly appreciated.

Oxy and I thank you for your assistance in handling this matter.

Thanks, Cliff

Cliff 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.

Kathy Purvis

From:	Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us></mike.bratcher@state.nm.us>
Sent:	Tuesday, November 22, 2011 11:09 AM
То:	Cliff P. Brunson
Cc:	Dusty Wilson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	RE: Oxy Winston Gas Com #4 SWD

Cliff,

Your request to backfill and finalize this site is approved. Please proceed on your schedule.

Thanks,

Mike Bratcher

NMOCD District 2 811 S. First Street Artesia, NM 88210 575-748-1283 Ext. 108 575-626-0857 mike.bratcher@state.nm.us

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Tuesday, November 22, 2011 9:44 AM
To: Bratcher, Mike, EMNRD
Cc: Dusty Wilson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Re: Oxy Winston Gas Com #4 SWD

Mike,

I have attached a summary table and lab data for the confirmation sampling that you requested below and Oxy agreed to for the Winston Gas Com #4 SWD site. As you recall, your request was for a composite sample which was done along with three discrete samples. You will see the results are non-detect.

Therefore, Oxy is requesting the approval to backfill this site and complete it. If you would please review the data and respond back to me as soon as possible, it would be greatly appreciated. We will then schedule the backfill and complete this site.

Thank you,

Cliff

Cliff 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

1

Phone: (575) 397-6388 Fax: (575) 397-0397 E-Mail: <u>cbrunson@bbcinternational.com</u>

Confidentiality Notice: This electronic transmission (and any attached documents) is intended only for the person(s) to whom it is addressed and may contain information that is privileged, confidential, or otherwise protected from disclosure. If you have received this transmission in error, please immediately notify the sender by e-mail or by telephone call to (575) 397-6388 for handling instructions. Any disclosure or distribution of the contents of this transmission by anyone other than the named recipient(s) is strictly prohibited.

From: Mike Bratcher <<u>Mike.Bratcher@state.nm.us</u>>

Date: Wed, 12 Oct 2011 14:50:42 +0000

To: "Cliff P. Brunson" < <u>cbrunson@bbcinternational.com</u>>

Cc: Dusty Wilson < Dusty Wilson@oxy.com >, C J Summers < Chancey Summers@oxy.com >, Ken Swinney

<<u>kswinney@bbcinternational.com</u>>, Jennifer Gilkey <<u>jgilkey@bbcinternational.com</u>>, Kathy Purvis

<kathy@bbcinternational.com>

Subject: RE: Oxy Winston Gas Com #4 SWD

Reference: OXY USA * OXY Winston Gas Com 4 SWD * 30-015-30337 * N-31-21s-24e * Eddy County, New Mexico OCD Reference Number: <u>2RP-887</u> * DOR: 8/18/11

Cliff,

As discussed, the remediation proposal submitted for cleanup of the above referenced produced fluid release is approved with the following conditions and/or stipulations:

- Notify OCD District 2 office 48 hours prior to commencement of remedial activities.
- Notify OCD District 2 office 48 hours prior to obtaining any samples where the analyses will be submitted to OCD.
- A representative composite sample is to be obtained subsequent to excavation, and tested for TPH and BTEX (confirmation).
- It is OCD's understanding that this release occurred inside a covered structure (metal building).
- Submit a Form C-141 Final Report and closure report upon satisfactory completion of project.
- Project is to be completed and closure documentation submitted to OCD not later than December 12, 2011.
- Like approval by BLM or any other regulatory authority as may be applicable.

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

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

Mike Bratcher

NMOCD District 2 811 S. First Street Artesia, NM 88210 575-748-1283 Ext. 108 575-626-0857 mike.bratcher@state.nm.us To: Bratcher, Mike, EMNRD
Cc: Dusty Wilson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Oxy Winston Gas Com #4 SWD

Mike,

This e-mail is to confirm our discussion on September 13, 2011 concerning the remediation plan for the release that occurred at the Oxy Winston Gas Com #4 SWD. As agreed, Oxy will hand excavate 6 inches of the impacted soil in the spill area inside the building where possible due to multiple lines and equipment existing in the spill area in the building. The excavation will then be backfilled with clean soil. The depth to groundwater is this area is approximately 30 to 50 feet.

I have attached the site drawing and laboratory data and a few pictures that we reviewed during our discussion for your files. If you would please reply back via e-mail with your concurrence of this remediation plan, it would be greatly appreciated.

Oxy and I thank you for your assistance in handling this matter.

Thanks, Cliff

Confidentiality Notice: This electronic transmission (and any attached documents) is intended only for the person(s) to whom it is addressed and may contain information that is privileged, confidential, or otherwise protected from disclosure. If you have received this transmission in error, please immediately notify the sender by e-mail or by telephone call to (575) 397-6388 for handling instructions. Any disclosure or distribution of the contents of this transmission by anyone other than the named recipient(s) is strictly prohibited.

		Sample	SP1 @ 6"	SP2 @ 6"	`SP3 @ 6"	COMPOSITE @6"
Analyte	Method	Date	11/15/11	. 11/15/11	11/15/11	11/15/11
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	< 0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	23.7	<10.0

Laboratory Analytical Results Summary OXY, Winston Gas Com #4



November 18, 2011

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

RE: WINSTON GAS COM #4

Enclosed are the results of analyses for samples received by the laboratory on 11/15/11 16:45.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (505) 397-0397

Received:	11/15/2011	Sampling Date:	11/15/2011
Reported:	11/18/2011	Sampling Type:	Soil
Project Name:	WINSTON GAS COM #4	Sampling Condition	on: Cool & Intact
Project Number:	NONE GIVEN	Sample Received	By: Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 6" (H102486-01)

mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	11/17/2011	ND	2.01	101	2.00	1.13	
<0.050	0.050	11/17/2011	ND	1.89	94.4	2.00	1.62	
<0.050	0.050	11/17/2011	ND	2.11	106	2.00	1.44	
<0.150	0.150	11/17/2011	ND	6.06	101	6.00	1.70	
-	Result <0.050 <0.050 <0.050	<0.050 0.050 <0.050 0.050 <0.050 0.050	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

Surrogate: 4-Bromofluorobenzene (PIL 109 % 64.4-134

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		10.0	11/17/2011	ND	198	99.2	200	5.53	
DRO >C10-C28	<10.0 10.0		11/17/2011 ND		208	104	200	6.57	
Surrogate: 1-Chlorooctane	90.8	% 55.5-15	74						

Surrogate: 1-Chlorooctadecane 104 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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 pad by client for analyses. All claims, including those for negligence and any other cause whitspeever shall be deemed waived unless made in writing and received by Cardinal within thinty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidential or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incrued by dient, its substituines, affiliates or successions 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 writen approval of Cardinal Laboratories.

Celuz D. Kune

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (505) 397-0397

Received:	11/15/2011	- Sampling Date:	11/15/2011
Reported:	11/18/2011	Sampling Type:	Soil
Project Name:	WINSTON GAS COM #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 6" (H102486-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2011	ND	2.01	101	2.00	1.13	
Toluene*	<0.050	0.050	11/17/2011	ND	1.89	94.4	2.00	1.62	
Ethylbenzene*	<0.050	0.050	11/17/2011	ND	2.11	106	2.00	1.44	
Total Xylenes*	<0.150	0.150	11/17/2011	ND	6.06	101	6.00	1.70	
Surrogate: 4-Bromofluorobenzene (PIL	108 %	64.4-13	4						
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	11/17/2011	ND	198	99.2	200	5.53	
DRO >C10-C28	<10.0	10.0	11/17/2011	ND	208	104	200	6.57	
Surrogate: 1-Chlorooctane	103 %	6 55.5-15	4						
Surrogate: 1-Chlorooctadecane	119%	6 57.6-15	8						

Cardinal Laboratories

*=Accredited Analyte

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 waved 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.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (505) 397-0397

Received:	11/15/2011	Sampling Date:	11/15/2011
Reported:	11/18/2011	Sampling Type:	Soil
Project Name:	WINSTON GAS COM #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ 6" (H102486-03)

BTEX 8021B	mg	/kg	Analyze	d By: MS					`
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	11/17/2011	ND	2.01	101	2.00	1.13	
Toluene*	<0.050	0.050	11/17/2011	ND	1.89	94.4	2.00	1.62	
Ethylbenzene*	<0.050	0.050	11/17/2011	ND	2.11	106	2.00	1.44	
Total Xylenes*	<0.150	0.150	11/17/2011	ND	6.06	101	6.00	1.70	
Surrogate: 4-Bromofluorobenzene (PIL	108	% 64.4-13	4						
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	11/17/2011	ND	198	99.2	200	5.53	
DRO >C10-C28	23.7	10.0	11/17/2011	ND	208	104	200	6.57	

Surrogate: 1-Chlorooctadecane 105 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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 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, without limitation, business interruptions, loss of use, or loss of profits includenties or whether such chain is based unovary of the above stated reasons or otherwise. Results related by to the samples therefore the produced exception full dimiten approval of Cardinal Laborations.

Celing Di Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (505) 397-0397

Received:	11/15/2011	Sampling Date:	11/15/2011
Reported:	11/18/2011	Sampling Type:	Soil
Project Name:	WINSTON GAS COM #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: COMPOSITE @ 6" (H102486-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2011	ND	2.01	101	2.00	1.13		
Toluene*	<0.050	0.050	11/17/2011	1 ND	ND	1.89	94.4	2.00	1.62	
Ethylbenzene*	<0.050	0.050	11/17/2011	ND	2.11	106	2.00	1.44		
Total Xylenes*	<0.150	0.150	11/17/2011	ND	6.06	101	6.00	1.70		

Surrogate: 4-Bromofluorobenzene (PIL 109 % 64.4-134

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	11/17/2011	ND	198	99.2	200	5.53	
DRO >C10-C28	<10.0	10.0	11/17/2011	ND	208	104	200	6.57	
Surrogate: 1-Chlorooctane	82.9	% 55.5-15	4 ·						
Surrogate: 1-Chlorooctadecane	95.3	% 57.6-15	s ,						

Cardinal Laboratories

*=Accredited Analyte

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 whistoever 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, 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 by one stated reasons or otherwise. Results relate only to the samples clientified above. This reproduced exception in full with interruptions.

Ciling Di Kuna

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by 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

PLEASE NOTE: Lability and Damages. Cardinal's fiability and client's exclusive remedy for any claim ansing, 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 whitsheaver shall be deemed waived unless made in writing and received by Lient's activation within (30) days after completion of the applicable service. In no event shall Cardinal be lable for incidental or consequential damages, including, without limitation, business interruptions, lass 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 otherwas. Results relate only to the samples thereinfeet above. This reproduced exception in full with writeries.

Celey Di Keine

Celey D. Keene, Lab Director/Quality Manager

Page 6 of 7

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 (505) 393-2326 EAX (505) 393-2476

	BBC International Inc	<u> </u>					Silanda (f	1.1.1.1.		ar Hanningan						Veir		000	<u>.</u>			
	BBC International, Inc.					Jã			LLTO	中國的設置構成		1	<u> </u>	· · · · ·	ANAL	-131	S RE	QUE				
	: Cliff Brunson					ľ	P.O. ‡	<i>‡:</i>														
Address: P.O.								any:														
City: Hobbs		Zip:	88	3241		/	Attn:		-61.	<u>A/)</u>												
Phone #: 575-3	ne #: 575-397-6388 Fax #: 575-397-0397						۱ddro	eşs:	S AV	V/E_												
Project #:	Project Owne	r:	C_{i}	4		c	City:	. 124		\$												
Project Name:	Willston Gars Gan # 4	4	<			5	State	:	Zip:													
Project Location	1:	,				F	Phon	e #:														
Sampler Name:	POGER HERNEN!	EZ				F	⁼ ax #	:				1	þ									
FOR LAB USE ONLY				N	ATRI	X	PF	ESER	SAMPL	NG	T	1.1										
Lab I.D. HJD길색생실	Sample I.D.	(G)RAB OR (C)OM	# CONTAINERS	GROUNDWATER WASTEWATER	Soil	SLUDGE	OTHER : ACID/BASE:	ICE / COOL OTHER	DATE	TIME	91											
1	SPIEG"	K	1		ΔI	<u>′</u>		1	11-15-11	12:00	ممرنو	1 100										
2	5/206"	G	1		N.			1	1115-11	10.05		1										
3		6	i		1			V	111511	1010	2	1]									
4	SP30 6 Compositee 6	í Cin			V			1		10-15	/											
ر.																						
											I										I	
	·····																			• •		

PLEASE NOTE: Liability and Damages. Cardinal's liability and clent's exclusive remedy for any claim arking whether based in contract or ton, shall be limited to the annount paid by the clent for the analyzes. All claims including those for negligence and any other cause wheteoever shall be deemed whited unless made in writing and received by Cardinal within 30 days after completion of the applicable sarvice. In no event shall Cardinal be listle for incidental or consequental damages, including without limbation, business interruptions, loss of use, or loss of profils incurred by clent, its subsidiaries,

	Relinguished By:	Date: ,,,	Received By:	()		Phone Result:	🛛 Yes	🗆 No	Add'l Phone #:	
		11211	As 1 ·	Jr.	*	Fax Result:	🗆 Yes	🗆 No	Add'I Fax #:	
1	Sagen Harrantez	Time: 45	UDAL	Alen	LOW	REMARKS:				
A MARTINE	Relinquished Byr	Date:	Received By:							
El Martin										•
		Time:								
	Delivered By: (Circle One)	<u> </u>	Sampl	e Condition	CHECKED BY:					
			· ·	intact	/ (Initials)					,
	Sampler - UPS - Bus - Other:			s 🛛 Yes	1+				-	
	· · · · · · · · · · · · · · · · · · ·		<u> </u>	0 🗌 No 📗	10/1/1					

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

Laboratory Analytical Results Summary Oxy, Winston Gas Com #4 SWD

		Sample	SP1 @ Surface	'SP1 @'2'	SP1 @ 4'	SP1 @ 6'
Analyte	Method	Date	8/30/11	8/30/11	8/30/11	8/30/11
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		2280	512	736	336

		Sample	SP2 @ Surface	SP2 @ 1'	.SP2 @ 2'
Analyte	Method	Date	8/30/11	8/30/11	8/30/11
			mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		11400	592	176

.

.

		Sample	SP3 @ Surface	SP3 @ 2'	SP3 @ 4'	SP3 @ 7'
Analyte	Method	Date	8/30/11	8/30/11	8/30/11	8/30/11
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		5680	896	720	544

3



September 02, 2011

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

RE: WINSTON #4 SWD

Enclosed are the results of analyses for samples received by the laboratory on 09/01/11 8:40.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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: (505) 397-0397

Received:	09/01/2011	Sampling Date:	08/30/2011
Reported:	09/02/2011	Sampling Type:	Soil
Project Name:	WINSTON #4 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CARLSBAD, NM		

Sample ID: SP 1 SURFACE (H101859-01)

Chloride, SM4500CI-B	mg/kg Analyzed By: HM		d By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	09/01/2011	ND	416	104	400	0.00	

Sample ID: SP 1 @ 2FT (H101859-02)

Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	09/01/2011	ND	416	104	400	0.00	

Sample ID: SP 1 @ 4FT (H101859-03)

Chloride, SM4500Cl-B	mg/kg Analyzed By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	09/02/2011	ND	416	104	400	7.41	

Sample ID: SP 1 @ 6 FT (H101859-04)

Chloride, SM4500CI-B	mg/kg Analyzed By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	09/02/2011	ND	416	104	400	7.41	

.

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's lability 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 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, 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 claims based by one stated reasons or otherwise. Results relate only to the samples identified above. This reproduced except in full with mittern approval of daminal Laborations.

Celeg Di Keine

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 7



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (505) 397-0397

Received:	09/01/2011	Sampling Date:	08/30/2011
Reported:	09/02/2011	Sampling Type:	Soil
Project Name:	WINSTON #4 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CARLSBAD, NM		

Sample ID: SP 2 SURFACE (H101859-05)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11400	16.0	09/02/2011	ND	416	104	400	7.41	

Sample ID: SP 2 @ 1 FT (H101859-06)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	09/02/2011	ND	416	104	400	7.41		

Sample ID: SP 2 @ 2 FT (H101859-07)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/02/2011	ND	416	104	400	7.41	

Sample ID: SP 3 SURFACE (H101859-0	8)							
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5680	16.0	09/02/2011	ND	416	104	400	7.41	

Sample ID: SP 3 @ 2 FT (H101859-09)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	09/02/2011	ND	416	104	400	7.41	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's hability and client's exclusive reinedy for any daim ansing, 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 caves whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirry (30) days after completion of the applicable service. In no event shall Cardinal be fiable for incidental or consequential damages, including, without limitation, business interruptions, lass of use, or loss of profits incident by client, its subsidiaries, affiliates or successors aliang out of or related to the performance of the services hereunder by Cardinal, regardless of whether such chains based upon any of the above stated reasons or otherwise. Results relate only to the samples dentified above. This reproduced except in full with mitten approval of Cardinal Laboratories.

Celeg & Kune

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (505) 397-0397

Received:	09/01/2011	Sampling Date:	08/30/2011
Reported:	09/02/2011	Sampling Type:	Soil
Project Name:	WINSTON #4 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CARLSBAD, NM		

Sample ID: SP 3 @ 4 FT (H101859-10)

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	09/02/2011	ND	416	104	400	7.41	

Sample ID: SP 3 @ 7 FT (H101859-11)

Chloride, SM4500CI-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	09/02/2011	ND	416	104	400	7.41	

Cardinal Laboratories

*=Accredited Analyte

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 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, without limitation, business interruptions, loss of uses 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 otherwse. Results relate only to the samples identified above. This reproduced except in full with writem approval of Cardinal Laboratores.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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 whitspeerer shall be deemed waved unless made in writing and received by clarinal writin further (20) days after completion of the epikeble service. In no event shall Cardinal we liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incidentified above. This reproduced except in full writing out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims based upon any of the above stated reasons or otherwise. Results relate only to the samples individentes.

Celeg Di Kune

Celey D. Keene, Lab Director/Quality Manager

Page 5 of 7

RDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

Company Name	ompany Name: BBC International, Inc.										ANAI	YSIS	S RE	QUE	ST				
	r: Cliff Brunson		•		Р.(0. #:										[
Address: P.O.	Box 805				Co	mpany:													
City: Hobbs	State: NM	Ziţ) :	88241	At	tn:													
Phone #: 575-	397-6388 Fax #: 575	-39	7-()397	Ad	ldress:													
Project #:	Project Owne	r: (0	City:						1									
Project Name:	Winston # 4 Su				State: Zip:												ł		
Project Locatio		l			Phone #:														
Sampler Name:			V		Fa	x #:						1							
FOR LAB USE ONLY		T	Т	MATRIX	·	PRESERV.	SAMPL	ING	1										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINFRS	GROUNDWATER WASTEWATER SolL OIL SLUDGE	OTHER:	ACID/BASE: ICE / COOL OTHER :	DATE	I I I TIME	ズン										
1	SPI Surface	9	T,	1	ì	X	8-30-1	1015	X										
Z	SPICZFt	I		$ \times $	ļ	, X 1	11	1042	\mathbf{X}										
3	SPIQ UFt	9	1	1 x 1	1	1/2 1	- 11	1129	Ý						L			 	
<u> </u>	SPICE LOFF	9	1:	XI	 ;		17	118	<u>¥</u>						ļ			 /	·
<u> </u>	SP2 SurFace	9	Ŀ		1	1/2	- ()	140	X		<u> </u>		l					 	
10	SPZ@IFt	3	1	<u> </u>	1 	12	11	150	X				<u> </u>			L		 	
17_	SP2@ZFt	5		1/1	; †—	<u> </u>	<u></u>	Zic	X	-								 	
8	5P3 Sarface	9			;	<u> </u>	17	234	<u> </u>		ļ	<u> </u>						 	
<u>-</u>	5730 75+ 5730 454	5		- - X - -	ŀ			259	K K							·		 - • •	· ·

PLEASE NOTE: Linbitry and Daniages. Carainals labitry and client's evolusive remedy for any claim anting whether based in contract or tim, shall be limited to the amount had by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be ceened waived unless made in writing and received by Cardinal writin 30 days after completion of the applicable service. In no event shall Cardinal be liable to incidential or consequental damages, including without limitation, pusitiess interruptions, loss of use, or loss of profix incurred by client, its subsidiaries.

atthales-or expressors arising out of or related to the performance of services bereander by Cardinal reparatess of whether sucr ve stated reasons of otherwise them is based □ Yes □ No □ Yes □ No Rélinquished By Phone Result: :Add'l Phone #: Date: 15131 Received By Fax Result: Ves No REMARKS: EMAIL AL(Add'I Fax #: Time もへ Relinquished By:-Date: **Received By** Time: Delivered By: (Circle One) CHECKED BY: Sample Condition Cool, Intact (Initials) Yes Yes Sampler - UPS - Bus - Other:

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 (505) 393-2326 EAX (505) 393-2476

Company Name	BBC International, Inc.	_			Γ.	Bi	LTO		:					YSI	S RE	QUE	ST			
	r: Cliff-Brunson					D. #:	•				<u> </u>									
Address: P.O.	· · ··································	· ·			Co	mpany:									ļ					
city: Hobbs	State: NM	Zic	 c:	88241	Att															
Phone #: 575-					Ad	dress:														
Project #:	Project Owner				Cit					•				ļ						
Project Name:	WINSTON #4 SU			9			Zip:				1							l		
	n: Carlsbad, NA	1	<u></u>			one #:	<u></u>													
Sampler Name:		Ì	Ń		·	x #:														
FOR LAB USE ONLY		T	Ť	MATRIX		PRESERV.	SAMPLIN	3	$ _{\chi} $											
)OMP.		2	1				'		1									-
		(c)	ERS	ATER	1															
Lab I.D.	Sample I.D.	NO.	L NIN		1	ASE 00L			$\left(\right) \right $		1									
1112000		RAB	lõ	GROUNDWATTER WASTEWATER SOIL OIL	Ξ.	ACID/BASE: ICE / COOL OTHER :			1]						
HID1859	in the second se	R(0)R	-	<u>2 2 8 8 8 8</u>	6	81 <u>5</u> 12	DATE	TIME						ļ			·		┝──┥	
- 11_	SP3@7Ff	p_	- -	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Ļ	\xrightarrow{X}	8-30-11	3562												·
				· · · · ·											_─					
			╀		<u>-</u>															
			-				· · · · ·				<i>:</i>									
						1	1	·····		· • · • •										
							, <u></u> ,				·									
			-		i i		1			····· ···	<u> </u>			[
		1	-				<u> </u>								1					
		1	-		ĩ		·· ·· !	-	1 · · ·			···			ľ		•	i l		

PLEASE NOTE: Listviky and Damages, Cardinal's lability and client's exclusive remany for any claim arising whethet based in contract or tort, shall be tim ted to the amount palo of the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be desmed waived unless made in whiting and received by Cardinal within 30 days and completion of the applicable service. In no event shall Cardinal be table for indefinitiation consequential domages, including without limitation, twitness intertupings, loss of use or loss of users including by demi, is subcipliarities,

affliates or successors arbino out of or related to the certormance of services hereunder by Cardinal regardlass of whether such daim is based upon any of the house crated reasons or otherwise. Phone Result: Relinguished By: □ Yes □ No Add'l Phone #: Date: Received By 3 Fax Result: □ Yes □ No Add'I Fax #: REMARKS: MANNO Time: TYP EMAIL ALL Relinguished By: Received By: Date: 6.1 Time: Sample Condition Delivered By: (Circle One) CHECKED BY: Cool /Intact/ (İnitials) 0 Yes Yes Sampler - UPS - Bus - Other: 5-

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

Page 7 of 7