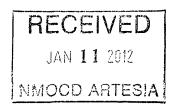


PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805 E-MAIL: cbrunson@bbcinternational.com

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

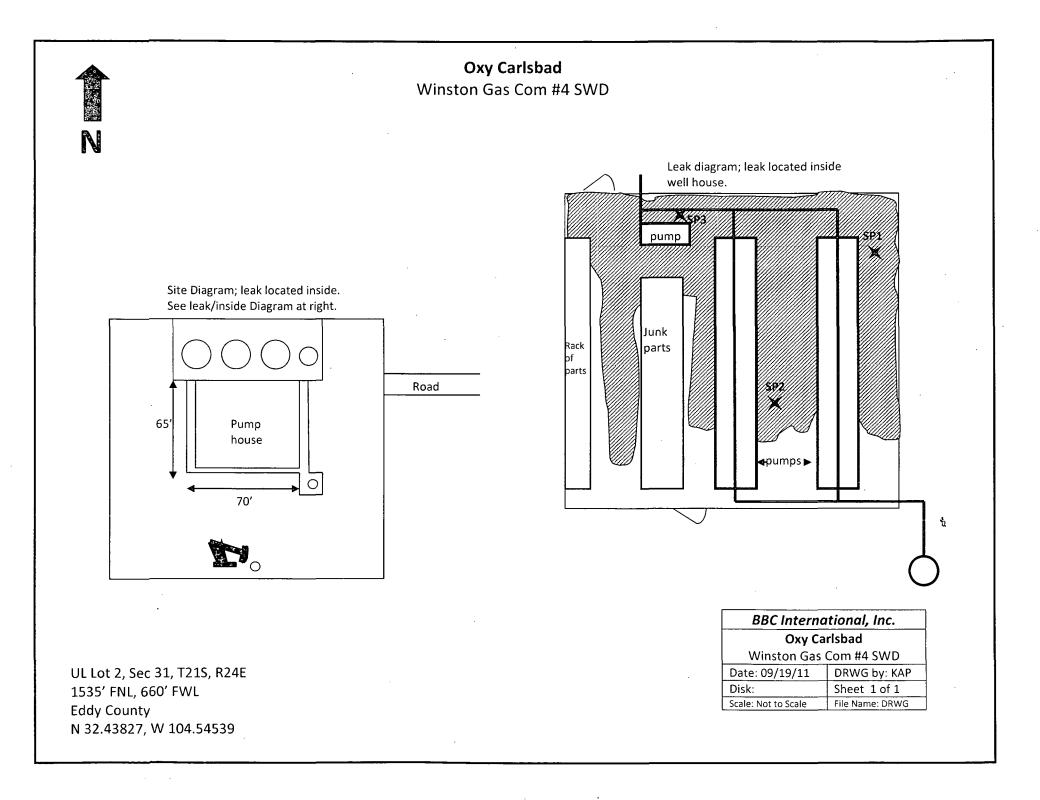
State of New Mexico **Energy Minerals and Natural Resources**

> 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

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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>

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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

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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

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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>

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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,

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

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

Thanks, Cliff

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| | | 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

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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 | | | | | | |

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (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

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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 , | | | | | | |

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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 |

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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 | | | | | | | | | | | |
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| | 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 |

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| | | 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 |

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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 | |

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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 | |

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*=Accredited Analyte

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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 | |

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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*=Accredited Analyte

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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 | | | | | | | | | | |
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| 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 | | | | | | | · | | - • • | · · |

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† 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> | | | | | | | | | | | | | |
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