

Closure Report

NM OIL CONSERVATION
ARTESIA DISTRICT

JUL 22 2014

| Site Description | |
|--------------------|-------------------------------|
| Site Name: | Righthand Canyon 35-7 |
| Company: | Oxy Permian Ltd. |
| Legal Description: | U/L K, Section 35, T21S, R24E |
| County: | Eddy County, NM |
| GPS Coordinates: | N 32.43406° W 104.47120° |

| Release Data | |
|--------------------|---------------------------------------|
| Date of Release: | 12/27/2012 |
| Type of Release: | Produced water |
| Source of Release: | Failure in 2" valve on discharge line |
| Volume of Release: | 175 bbls |
| Volume Recovered: | 0 bbls |

| Remediation Specifications | |
|----------------------------|---|
| Remediation Parameters: | Excavate to a depth of 1 foot around SP1. Excavate the remainder of the area on top of the hill to a depth of 6 inches. Obtain sidewall samples. Sample downslope areas. Move or elevate flow line to remove contaminants underneath. Obtain a sample at SP1B at 1.5'. Backfill the site with clean soil. |
| Remediation Activities: | 06/05/2014 to 06/19/2014 |

| | | |
|-----------------------|------------|--|
| Plan Sent to OCD: | 04/01/2014 | Meeting between M. Bratcher & C. Brunson |
| OCD Approval of Plan: | 04/01/2014 | Meeting between M. Bratcher & C. Brunson |
| Plan Sent to BLM: | 04/18/2014 | Email from Cliff Brunson to J. Van Curen |
| BLM Approval of Plan: | 05/01/2014 | Email from J. Van Curen to Cliff Brunson |

| Supporting Documentation | |
|--------------------------|--|
| Initial C-141 | Signed 01/03/2013 |
| Final C-141 | Signed 07/08/2014 |
| Site Diagram | January 2013 |
| Groundwater Plot | 75' |
| TOPO Maps | January 2013 |
| Lab Summary | 02/05/2013, 01/03/2014, 06/16/2014, and 06/16/2014 |
| Lab Analysis | 02/05/2013, 01/03/2014, 06/16/2014, and 06/16/2014 |
| Correspondence | Request and approval of remediation plan via email |

| Request for Closure | |
|---|------------|
| Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD. | |
| Cliff Brunson, President of BBC International Inc. | 07/17/2014 |

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

State of New Mexico
Energy Minerals and Natural Resources

JUL 22 2014

Form C-141
Revised October 10, 2003

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

RECEIVED 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 Final Report

| | | | |
|-----------------|------------------------------------|----------------------------|-------------------|
| Name of Company | Oxy Permian Ltd. | Contact | Christopher Jones |
| Address | 1502 W. Commerce Dr., Carlsbad, NM | Telephone No. | (575) 628-4121 |
| Facility Name | Righthand Canyon 35-7 SWD | Facility Type | SWD |
| Surface Owner | Mineral Owner | Lease No. API#30-015-34529 | |

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|-----------------|
| K | 35 | 21S | 24E | 1975 | South | 2405 | West | Eddy County, NM |

Latitude _____ Longitude _____

NATURE OF RELEASE

| | | | | | |
|-----------------------------|---|---|----------------------|----------------------------|--------|
| Type of Release | Produced water | Volume of Release | 175 bbls | Volume Recovered | 0 bbls |
| Source of Release | Failure in 2" valve on the discharge line | Date and Hour of Occurrence | 12/27/2012 | Date and Hour of Discovery | |
| Was Immediate Notice Given? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Mike Bratcher- OCD, James Amos-BLM, Terry Gregston-BLM | | | |
| By Whom? | Christopher Jones | Date and Hour | 12/27/2012 @ 1:53 pm | | |
| Was a Watercourse Reached? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | | | |

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Failure in a 2" valve on the discharge line caused 175 bbls of produce water to leak onto the ground. Fluids were not recoverable. The valve was repaired.

Describe Area Affected and Cleanup Action Taken.*
Failure in a 2" valve on the discharge line caused 175 bbls of produce water to leak onto the ground. Fluids were not recoverable. Remediation will be performed in accordance with an OCD and BLM approved remediation plan.

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 CONSERVATION DIVISION</u> | | |
| Printed Name: Christopher Jones | Approved by District Supervisor: | | |
| Title: HES Specialist | Approval Date: | Expiration Date: | |
| E-mail Address: Christopher.Jones@oxy.com | Conditions of Approval: | | Attached <input type="checkbox"/> |
| Date: 1-3-13 | Phone: (575) 628-4121 | | |

* Attach Additional Sheets If Necessary

NM OIL CONSERVATION
ARTESIA DISTRICT

JUL 22 2014

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

RECEIVED

Form C-141
Revised October 10, 2003
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 Final Report

| | | | |
|-----------------|------------------------------------|----------------------------|-------------------|
| Name of Company | Oxy Permian Ltd. | Contact | Christopher Jones |
| Address | 1502 W. Commerce Dr., Carlsbad, NM | Telephone No. | (575) 628-4121 |
| Facility Name | Righthand Canyon 35-7 SWD | Facility Type | SWD |
| Surface Owner | Mineral Owner | Lease No. API#30-015-34529 | |

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|-----------------|
| K | 35 | 21S | 24E | 1975 | South | 2405 | West | Eddy County, NM |

Latitude _____ Longitude _____

NATURE OF RELEASE

| | | | | | |
|-----------------------------|---|---|--|----------------------------|--------|
| Type of Release | Produced water | Volume of Release | 175 bbls | Volume Recovered | 0 bbls |
| Source of Release | Failure in 2" valve on the discharge line | Date and Hour of Occurrence | 12/27/2012 | Date and Hour of Discovery | |
| Was Immediate Notice Given? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? | Mike Bratcher- OCD, James Amos-BLM, Terry Gregston-BLM | | |
| By Whom? | Christopher Jones | Date and Hour | 12/27/2012 @ 1:53 pm | | |
| Was a Watercourse Reached? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | | | |

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Failure in a 2" valve on the discharge line caused 175 bbls of produce water to leak onto the ground. Fluids were not recoverable. The valve was repaired.

Describe Area Affected and Cleanup Action Taken.*
Failure in a 2" valve on the discharge line caused 175 bbls of produce water to leak onto the ground. Fluids were not recoverable. Remediation was completed in accordance with the remediation plan approved by Mike Bratcher of NMOCD on 04/01/2014 and approved by Jennifer Van Curen of the BLM via email on 05/01/2014.

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.

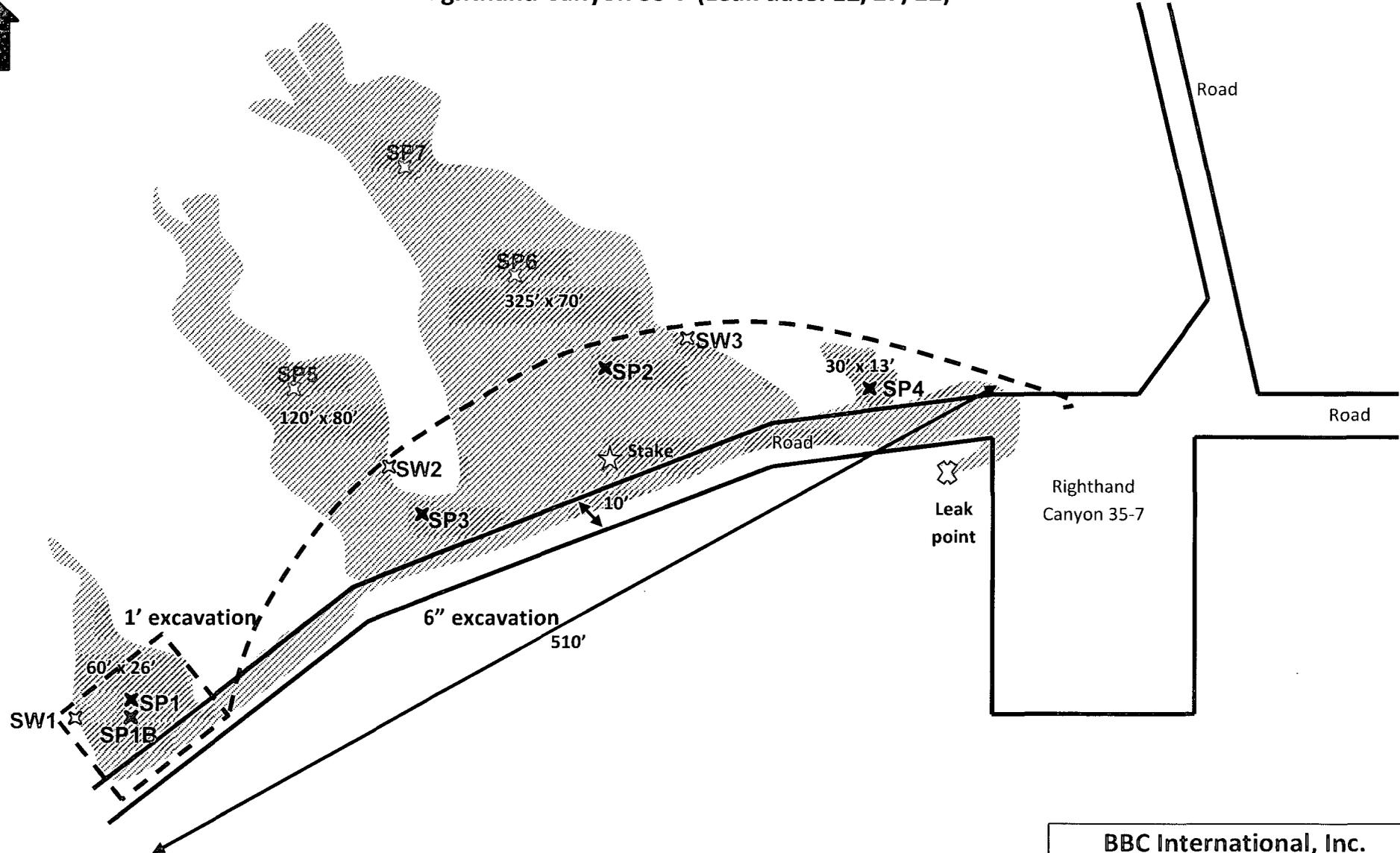
| | | | |
|---|----------------------------------|------------------|-----------------------------------|
| Signature: | OIL CONSERVATION DIVISION | | |
| Printed Name: Christopher Jones | Approved by District Supervisor: | | |
| Title: HES Specialist | Approval Date: | Expiration Date: | |
| E-mail Address: Christopher.Jones@oxy.com | Conditions of Approval: | | Attached <input type="checkbox"/> |
| Date: 7/18/14 | Phone: (575) 628-4121 | | |

* Attach Additional Sheets If Necessary



Oxy

Righthand Canyon 35-7 (Leak date: 12/27/12)



| | |
|---|--------------------|
| BBC International, Inc. | |
| Oxy | |
| Righthand Canyon 35-7 (12-27-12) | |
| Date: 1/17/2013 | DRWG by: K. Purvis |
| NOT TO SCALE | File: Oxy 2013 |



Groundwater Plot

Oxy Righthand Canyon 35-7 SWD

County
Eddy

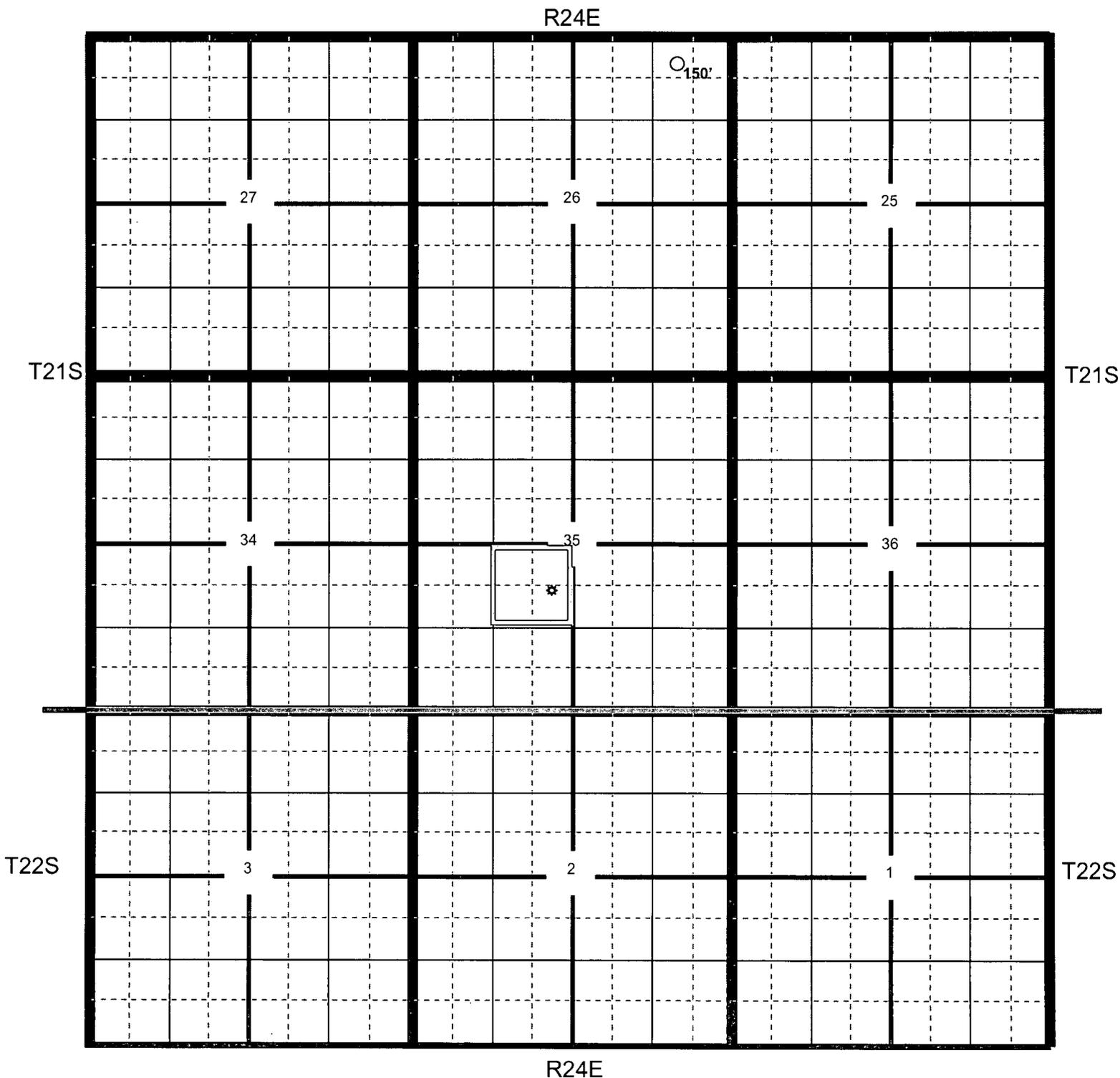
Unit Letter
K

Section
35

Township
21S

Range
24E

Trend Map 75'



⚙ Location

○ OCD

○ USGS

○ SEO

● All Databases

Oxy Righthand Canyon 35-7 SWD

County Eddy Unit Letter K Section 35 Township 21S Range 24E

Trend Map 75'

1

2

| | | | |
|---------------|-----------------------------|---------------|---------------|
| NW/NW None | NE/NW | NW/NE | NE/NE |
| Unit Letter D | Unit Letter C | Unit Letter B | Unit Letter A |
| SW/NW | SE/NW | SW/NE | SE/NE |
| Unit Letter E | Unit Letter F | Unit Letter G | Unit Letter H |
| NW/SW | NE/SW * Unit Letter K | NW/SE | NE/SE |
| Unit Letter L | Unit Letter J | Unit Letter I | |
| SW/SW | SE/SW | SW/SE | SE/SE |
| Unit Letter M | Unit Letter N | Unit Letter O | Unit Letter P |

3

4

**Laboratory Analytical Results Summary
Righthand Canyon 35-7 SWD**

| | | Sample | SP1 @ SURFACE | SP1 @ 6" |
|----------------------|------------|--------|------------------|----------|
| Analyte | Method | Date | 2/5/13 | 2/5/13 |
| | | | mg/Kg | mg/Kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 |
| Toluene | BTEX 8021B | | <0.050 | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 | <0.300 |
| Chloride | SM4500CI-B | | 128 | 32 |
| GRO | TPH 8015M | | <50.0 | <50.0 |
| DRO | TPH 8015M | | 6720 | 11400 |

| | | Sample | SP2 @ SURFACE | SP2 @ 6" |
|-----------------|------------|--------|------------------|----------|
| Analyte | Method | Date | 2/5/13 | 2/5/13 |
| | | | mg/Kg | mg/Kg |
| Chloride | SM4500CI-B | | 32 | 176 |

| | | Sample | SP3 @ SURFACE | SP3 @ 6" |
|----------------------|------------|--------|------------------|----------|
| Analyte | Method | Date | 2/5/13 | 2/5/13 |
| | | | mg/Kg | mg/Kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 |
| Toluene | BTEX 8021B | | <0.050 | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 | <0.300 |
| Chloride | SM4500CI-B | | 448 | 240 |
| GRO | TPH 8015M | | <10.0 | <10.0 |
| DRO | TPH 8015M | | 4820 | 541 |

| | | Sample | SP4 @ SURFACE | SP4 @ 6" |
|----------------------|------------|--------|------------------|----------|
| Analyte | Method | Date | 2/5/13 | 2/5/13 |
| | | | mg/Kg | mg/Kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 |
| Toluene | BTEX 8021B | | <0.050 | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 | <0.300 |
| Chloride | SM4500CI-B | | 400 | 160 |
| GRO | TPH 8015M | | <10.0 | <10.0 |
| DRO | TPH 8015M | | 4200 | 229 |

**Laboratory Analytical Results Summary
Righthand Canyon 35-7**

| | | Sample | SP1B @ 6" | SP1B @ 1' |
|----------------------|------------|--------|------------|-------------|
| Analyte | Method | Date | 1/3/14 | 1/3/14 |
| | | | mg/Kg | mg/Kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 |
| Toluene | BTEX 8021B | | <0.050 | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 | <0.300 |
| GRO | TPH 8015M | | <10.0 | <10.0 |
| DRO | TPH 8015M | | 762 | 1700 |

Laboratory Analytical Results Summary
Righthand Canyon 35-7 SWD

| | | Sample | SP5 @ SURFACE |
|----------------------|------------|--------|------------------|
| Analyte | Method | Date | 6/16/14 |
| | | | mg/Kg |
| Benzene | BTEX 8021B | | <0.050 |
| Toluene | BTEX 8021B | | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 |
| GRO | TPH 8015M | | <10.0 |
| DRO | TPH 8015M | | <10.0 |

| | | Sample | SP6 @ SURFACE |
|----------------------|------------|--------|------------------|
| Analyte | Method | Date | 6/16/14 |
| | | | mg/Kg |
| Benzene | BTEX 8021B | | <0.050 |
| Toluene | BTEX 8021B | | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 |
| GRO | TPH 8015M | | <10.0 |
| DRO | TPH 8015M | | <10.0 |

| | | Sample | SP7 @ SURFACE |
|----------------------|------------|--------|------------------|
| Analyte | Method | Date | 6/16/14 |
| | | | mg/Kg |
| Benzene | BTEX 8021B | | <0.050 |
| Toluene | BTEX 8021B | | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 |
| GRO | TPH 8015M | | <10.0 |
| DRO | TPH 8015M | | <10.0 |

**Laboratory Analytical Results Summary
Righthand Canyon 35-7**

| | | Sample | Sidewall #1 |
|---------------|------------|--------|-------------|
| Analyte | Method | Date | 6/16/14 |
| | | | mg/Kg |
| Benzene | BTEX 8021B | | <0.050 |
| Toluene | BTEX 8021B | | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 |
| GRO | TPH 8015M | | <10.0 |
| DRO | TPH 8015M | | <10.0 |

| | | Sample | Sidewall #2 |
|---------------|------------|--------|-------------|
| Analyte | Method | Date | 6/16/14 |
| | | | mg/Kg |
| Benzene | BTEX 8021B | | <0.050 |
| Toluene | BTEX 8021B | | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 |
| GRO | TPH 8015M | | <10.0 |
| DRO | TPH 8015M | | <10.0 |

| | | Sample | Sidewall #3 |
|---------------|------------|--------|-------------|
| Analyte | Method | Date | 6/16/14 |
| | | | mg/Kg |
| Benzene | BTEX 8021B | | <0.050 |
| Toluene | BTEX 8021B | | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 |
| GRO | TPH 8015M | | <10.0 |
| DRO | TPH 8015M | | <10.0 |

| | | Sample | SP1B |
|---------------|------------|--------|---------|
| Analyte | Method | Date | 6/16/14 |
| | | | mg/Kg |
| Benzene | BTEX 8021B | | <0.050 |
| Toluene | BTEX 8021B | | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 |
| GRO | TPH 8015M | | <10.0 |
| DRO | TPH 8015M | | <10.0 |

February 11, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RIGHT HAND CANYON 35-7 SWD

Enclosed are the results of analyses for samples received by the laboratory on 02/06/13 8:25.

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 02/06/2013 | Sampling Date: | 02/05/2013 |
| Reported: | 02/11/2013 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SP 1 @ SURFACE (H300329-01)

| BTEX 8021B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.94 | 97.1 | 2.00 | 17.9 | | |
| Toluene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 98.1 | 2.00 | 17.4 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 97.9 | 2.00 | 17.8 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/07/2013 | ND | 6.02 | 100 | 6.00 | 17.0 | | |
| Total BTEX | <0.300 | 0.300 | 02/07/2013 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 116 % 89.4-126

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: DW | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 02/07/2013 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | | S-04 |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | | |
| GRO C6-C10 | <50.0 | 50.0 | 02/07/2013 | ND | 221 | 110 | 200 | 20.2 | | | |
| DRO >C10-C28 | 6720 | 50.0 | 02/07/2013 | ND | 202 | 101 | 200 | 21.9 | | | |

Surrogate: 1-Chlorooctane 74.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 280 % 63.6-154

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 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. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 02/06/2013 | Sampling Date: | 02/05/2013 |
| Reported: | 02/11/2013 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SP 1 @ 6" (H300329-02)

| BTEX 8021B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.94 | 97.1 | 2.00 | 17.9 | | |
| Toluene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 98.1 | 2.00 | 17.4 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 97.9 | 2.00 | 17.8 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/07/2013 | ND | 6.02 | 100 | 6.00 | 17.0 | | |
| Total BTEX | <0.300 | 0.300 | 02/07/2013 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 123 % 89.4-126

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: DW | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 02/07/2013 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | | S-04 |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | | |
| GRO C6-C10 | <50.0 | 50.0 | 02/07/2013 | ND | 221 | 110 | 200 | 20.2 | | | |
| DRO >C10-C28 | 11400 | 50.0 | 02/07/2013 | ND | 202 | 101 | 200 | 21.9 | | | |

Surrogate: 1-Chlorooctane 79.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 457 % 63.6-154

Sample ID: SP 2 @ SURFACE (H300329-03)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: DW | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 02/07/2013 | ND | 432 | 108 | 400 | 0.00 | | |

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 02/06/2013 | Sampling Date: | 02/05/2013 |
| Reported: | 02/11/2013 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SP 2 @ 6" (H300329-04)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: DW | | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 176 | 16.0 | 02/07/2013 | ND | 432 | 108 | 400 | 0.00 | | |

Sample ID: SP 3 @ SURFACE (H300329-05)

| BTEX 8021B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.94 | 97.1 | 2.00 | 17.9 | | |
| Toluene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 98.1 | 2.00 | 17.4 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 97.9 | 2.00 | 17.8 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/07/2013 | ND | 6.02 | 100 | 6.00 | 17.0 | | |
| Total BTEX | <0.300 | 0.300 | 02/07/2013 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 108 % 89.4-126

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: DW | | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 448 | 16.0 | 02/07/2013 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | | S-04 |
|------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | | |
| GRO C6-C10 | <10.0 | 10.0 | 02/07/2013 | ND | 221 | 110 | 200 | 20.2 | | | |
| DRO >C10-C28 | 4820 | 10.0 | 02/07/2013 | ND | 202 | 101 | 200 | 21.9 | | | |

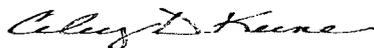
Surrogate: 1-Chlorooctane 83.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 242 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 02/06/2013 | Sampling Date: | 02/05/2013 |
| Reported: | 02/11/2013 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SP 3 @ 6" (H300329-06)

| BTEX 8021B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.94 | 97.1 | 2.00 | 17.9 | | |
| Toluene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 98.1 | 2.00 | 17.4 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 97.9 | 2.00 | 17.8 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/07/2013 | ND | 6.02 | 100 | 6.00 | 17.0 | | |
| Total BTEX | <0.300 | 0.300 | 02/07/2013 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 89.4-126

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: DW | | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 240 | 16.0 | 02/07/2013 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 02/07/2013 | ND | 221 | 110 | 200 | 20.2 | | |
| DRO >C10-C28 | 541 | 10.0 | 02/07/2013 | ND | 202 | 101 | 200 | 21.9 | | |

Surrogate: 1-Chlorooctane 85.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 114 % 63.6-154

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 02/06/2013 | Sampling Date: | 02/05/2013 |
| Reported: | 02/11/2013 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SP 4 @ SURFACE (H300329-07)

| BTEX 8021B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.94 | 97.1 | 2.00 | 17.9 | | |
| Toluene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 98.1 | 2.00 | 17.4 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 97.9 | 2.00 | 17.8 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/07/2013 | ND | 6.02 | 100 | 6.00 | 17.0 | | |
| Total BTEX | <0.300 | 0.300 | 02/07/2013 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 108 % 89.4-126

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: DW | | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 400 | 16.0 | 02/07/2013 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | | S-04 |
|------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | | |
| GRO C6-C10 | <10.0 | 10.0 | 02/07/2013 | ND | 221 | 110 | 200 | 20.2 | | | |
| DRO >C10-C28 | 4200 | 10.0 | 02/07/2013 | ND | 202 | 101 | 200 | 21.9 | | | |

Surrogate: 1-Chlorooctane 83.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 223 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 02/06/2013 | Sampling Date: | 02/05/2013 |
| Reported: | 02/11/2013 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SP 4 @ 6" (H300329-08)

| BTEX 8021B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.94 | 97.1 | 2.00 | 17.9 | | |
| Toluene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 98.1 | 2.00 | 17.4 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 97.9 | 2.00 | 17.8 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/07/2013 | ND | 6.02 | 100 | 6.00 | 17.0 | | |
| Total BTEX | <0.300 | 0.300 | 02/07/2013 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 108 % 89.4-126

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: DW | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 02/07/2013 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 02/07/2013 | ND | 221 | 110 | 200 | 20.2 | | |
| DRO >C10-C28 | 229 | 10.0 | 02/07/2013 | ND | 202 | 101 | 200 | 21.9 | | |

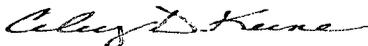
Surrogate: 1-Chlorooctane 80.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 102 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by 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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Celey D. Keene, Lab Director/Quality Manager

January 13, 2014

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

RE: RIGHT HAND CANYON 35

Enclosed are the results of analyses for samples received by the laboratory on 01/07/14 8:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene
Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|---------------|
| Received: | 01/07/2014 | Sampling Date: | 01/03/2014 |
| Reported: | 01/13/2014 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | INDIAN BASIN | | |

Sample ID: SP 1B @ 6" (H400040-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/10/2014 | ND | 1.92 | 96.1 | 2.00 | 2.06 | | |
| Toluene* | <0.050 | 0.050 | 01/10/2014 | ND | 1.89 | 94.6 | 2.00 | 2.20 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/10/2014 | ND | 1.93 | 96.4 | 2.00 | 2.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/10/2014 | ND | 5.63 | 93.8 | 6.00 | 2.42 | | |
| Total BTEX | <0.300 | 0.300 | 01/10/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 105 % 89.4-126

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 01/08/2014 | ND | 175 | 87.7 | 200 | 2.38 | | |
| DRO >C10-C28 | 762 | 10.0 | 01/08/2014 | ND | 180 | 90.1 | 200 | 1.19 | | |

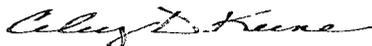
Surrogate: 1-Chlorooctane 86.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 124 % 63.6-154

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* = Accredited Analyte

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|---------------|
| Received: | 01/07/2014 | Sampling Date: | 01/03/2014 |
| Reported: | 01/13/2014 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | INDIAN BASIN | | |

Sample ID: SP 1B @ 1' (H400040-02)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/10/2014 | ND | 1.92 | 96.1 | 2.00 | 2.06 | | |
| Toluene* | <0.050 | 0.050 | 01/10/2014 | ND | 1.89 | 94.6 | 2.00 | 2.20 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/10/2014 | ND | 1.93 | 96.4 | 2.00 | 2.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/10/2014 | ND | 5.63 | 93.8 | 6.00 | 2.42 | | |
| Total BTEX | <0.300 | 0.300 | 01/10/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 89.4-126

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 01/08/2014 | ND | 175 | 87.7 | 200 | 2.38 | | |
| DRO >C10-C28 | 1700 | 10.0 | 01/08/2014 | ND | 180 | 90.1 | 200 | 1.19 | | |

Surrogate: 1-Chlorooctane 84.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 129 % 63.6-154

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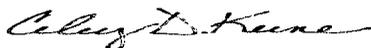
Notes and Definitions

- 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

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|-------------------|--------------|-------------------------|-----|--------|--------|------------|----------|--------|---------|------|--|--|--|--------|--|--|--|----------|--|----------|--|--------------|--|
| Company Name: BBC International, Inc. | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Cliff Brunson | | P.O. #: | | | | | | | | | | | | | | | | | | | | | | | |
| Address: P.O. Box 805 | | Company: | | | | | | | | | | | | | | | | | | | | | | | |
| City: Hobbs State: NM Zip: 88241 | | Attn: SAME | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: 575-397-6388 Fax #: 575-397-0397 | | Address: | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: Project Owner: OXY | | City: | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Right Hand Canyon | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | | | | | | | | | | | | | MATRIX | | | | PRESERV. | | SAMPLING | | WTPH BTEX | |
| | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE: | ICE/COOL | OTHER: | DATE | TIME | | | | | | | | | | | | | |
| H400040 | 2. SPIB@6" | | | ✓ | | | | ✓ | | | 01-3-14 | 100 | | | | | | | | | | | | | |
| | @ 1' | | | ✓ | | | | ✓ | | | 01-3-14 | 100 | | | | | | | | | | | | | |

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| | | | | |
|-----------------------------------|---|---|--|----------------|
| Relinquished By: Roger Hernandez | Date: 01-07-14 | Received By: Ramon Montoya | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| | Time: 8:05 | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Relinquished By: Ramon Montoya | Date: 1/7/14 | Received By: Jodi Henson | REMARKS: | |
| | Time: 8:25 | | | |
| Delivered By: (Circle One) | Sample Condition | CHECKED BY: (Initials) | | |
| Sampler - UPS - Bus - Other: 2.20 | Cool <input type="checkbox"/> Yes <input type="checkbox"/> No | Intact <input type="checkbox"/> Yes <input type="checkbox"/> No | | |

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

#54

June 18, 2014

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

RE: RIGHT HAND CANYON 35-7 SWD

Enclosed are the results of analyses for samples received by the laboratory on 06/17/14 9:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene
Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 06/17/2014 | Sampling Date: | 06/16/2014 |
| Reported: | 06/18/2014 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SP 5 @ SURFACE (H401833-01)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.08 | 104 | 2.00 | 0.303 | | |
| Toluene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.23 | 112 | 2.00 | 0.554 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.01 | 101 | 2.00 | 0.264 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/17/2014 | ND | 6.21 | 103 | 6.00 | 0.529 | | |
| Total BTEX | <0.300 | 0.300 | 06/17/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 111 % 89.4-126

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 06/18/2014 | ND | 165 | 82.4 | 200 | 0.946 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/18/2014 | ND | 173 | 86.4 | 200 | 5.13 | | |

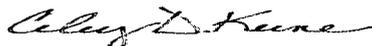
Surrogate: 1-Chlorooctane 67.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 69.3 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 06/17/2014 | Sampling Date: | 06/16/2014 |
| Reported: | 06/18/2014 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SP 6 @ SURFACE (H401833-02)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.08 | 104 | 2.00 | 0.303 | | |
| Toluene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.23 | 112 | 2.00 | 0.554 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.01 | 101 | 2.00 | 0.264 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/17/2014 | ND | 6.21 | 103 | 6.00 | 0.529 | | |
| Total BTEX | <0.300 | 0.300 | 06/17/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 89.4-126

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | | S-04 |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | | |
| GRO C6-C10 | <10.0 | 10.0 | 06/18/2014 | ND | 165 | 82.4 | 200 | 0.946 | | | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/18/2014 | ND | 173 | 86.4 | 200 | 5.13 | | | |

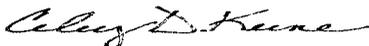
Surrogate: 1-Chlorooctane 63.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 65.0 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 06/17/2014 | Sampling Date: | 06/16/2014 |
| Reported: | 06/18/2014 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SP 7 @ SURFACE (H401833-03)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.08 | 104 | 2.00 | 0.303 | | |
| Toluene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.23 | 112 | 2.00 | 0.554 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.01 | 101 | 2.00 | 0.264 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/17/2014 | ND | 6.21 | 103 | 6.00 | 0.529 | | |
| Total BTEX | <0.300 | 0.300 | 06/17/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 111 % 89.4-126

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 06/18/2014 | ND | 165 | 82.4 | 200 | 0.946 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/18/2014 | ND | 173 | 86.4 | 200 | 5.13 | | |

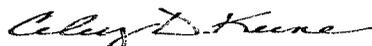
Surrogate: 1-Chlorooctane 74.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 81.0 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

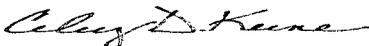
Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
 Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

7 of 7
Page 6 of 6

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------|--|-------------------------|-------------|------------|------|-----|----------|--------|------------|----------|--------|----------|---------|-----|------|--|--|--|--|--|--|--|--|--|--|
| Company Name: BBC International, Inc. | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Cliff Brunson | | P.O. #: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: P.O. Box 805 | | Company: | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: Hobbs State: NM Zip: 88241 | | Attn: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: 575-397-6388 Fax #: 575-397-0397 | | Address: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: Project Owner: Oxy | | City: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Righthand Canyon 35-7 | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Carlsbad | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Gary Ray | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | # CONTAINERS | MATRIX | | | | PRESERV. | | | SAMPLING | | | | | | | | | | | | | | | |
| | | | | (G/RAB OR C/JOMP. | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE: | ICE/COOL | OTHER: | DATE | TIME | TPH | BTEX | | | | | | | | | | |
| H401833 | | | | G | | | ✓ | | | | ✓ | | | 06/16/14 | 3:00 PM | ✓ | ✓ | | | | | | | | | | |
| 1 | | SP5 @ SURFACE | | G | | | ✓ | | | | ✓ | | | 06/16/14 | 3:15 PM | ✓ | ✓ | | | | | | | | | | |
| 2 | | SP6 @ SURFACE | | G | | | ✓ | | | | ✓ | | | 06/16/14 | 3:30 PM | ✓ | ✓ | | | | | | | | | | |
| 3 | | SP7 @ SURFACE | | G | | | ✓ | | | | ✓ | | | | | | | | | | | | | | | | |
| | | OR 6/16/14 | | | | | | | | | | | | | | | | | | | | | | | | | |

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 the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

| | | | | |
|--|-------------------------------|---|--|----------------|
| Relinquished By: | Date: 6/16/14 Time: 5:00pm | Received By: | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| Relinquished By: | Date: 6/17/14 Time: 9:00 | Received By: Jodi Henson | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | -4.60 | Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> | CHECKED BY: | |
| | | | REMARKS: <u>Rush</u> | |

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

#54

June 18, 2014

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

RE: RIGHT HAND CANYON 35-7 SWD

Enclosed are the results of analyses for samples received by the laboratory on 06/17/14 9:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene
Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 06/17/2014 | Sampling Date: | 06/16/2014 |
| Reported: | 06/18/2014 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SW #1 (H401832-01)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.08 | 104 | 2.00 | 0.303 | | |
| Toluene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.23 | 112 | 2.00 | 0.554 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.01 | 101 | 2.00 | 0.264 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/17/2014 | ND | 6.21 | 103 | 6.00 | 0.529 | | |
| Total BTEX | <0.300 | 0.300 | 06/17/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 110 % 89.4-126

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 06/17/2014 | ND | 165 | 82.4 | 200 | 0.946 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/17/2014 | ND | 173 | 86.4 | 200 | 5.13 | | |

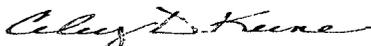
Surrogate: 1-Chlorooctane 66.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 67.9 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celestine D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 06/17/2014 | Sampling Date: | 06/16/2014 |
| Reported: | 06/18/2014 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SW #2 (H401832-02)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.08 | 104 | 2.00 | 0.303 | | |
| Toluene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.23 | 112 | 2.00 | 0.554 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.01 | 101 | 2.00 | 0.264 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/17/2014 | ND | 6.21 | 103 | 6.00 | 0.529 | | |
| Total BTEX | <0.300 | 0.300 | 06/17/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 112 % 89.4-126

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 06/17/2014 | ND | 165 | 82.4 | 200 | 0.946 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/17/2014 | ND | 173 | 86.4 | 200 | 5.13 | | |

Surrogate: 1-Chlorooctane 81.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 89.8 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 06/17/2014 | Sampling Date: | 06/16/2014 |
| Reported: | 06/18/2014 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SW #3 (H401832-03)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.08 | 104 | 2.00 | 0.303 | | |
| Toluene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.23 | 112 | 2.00 | 0.554 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.01 | 101 | 2.00 | 0.264 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/17/2014 | ND | 6.21 | 103 | 6.00 | 0.529 | | |
| Total BTEX | <0.300 | 0.300 | 06/17/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 110 % 89.4-126

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 06/17/2014 | ND | 165 | 82.4 | 200 | 0.946 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/17/2014 | ND | 173 | 86.4 | 200 | 5.13 | | |

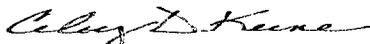
Surrogate: 1-Chlorooctane 84.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 93.4 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 06/17/2014 | Sampling Date: | 06/16/2014 |
| Reported: | 06/18/2014 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SP #1B (H401832-04)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.08 | 104 | 2.00 | 0.303 | | |
| Toluene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.23 | 112 | 2.00 | 0.554 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/17/2014 | ND | 2.01 | 101 | 2.00 | 0.264 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/17/2014 | ND | 6.21 | 103 | 6.00 | 0.529 | | |
| Total BTEX | <0.300 | 0.300 | 06/17/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 89.4-126

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 06/17/2014 | ND | 165 | 82.4 | 200 | 0.946 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/17/2014 | ND | 173 | 86.4 | 200 | 5.13 | | |

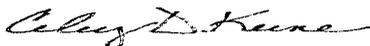
Surrogate: 1-Chlorooctane 79.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 87.8 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

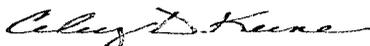
Notes and Definitions

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

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

Page 7 of 7

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------------------------|--|-------------------------------|--|-------------|--|-------------------------|--|---------|--|-------|--|--|--|--|--|--|--|----------|--|----------|--|--|--|--|--|--|--|--|--|
| Company Name: BBC International, Inc. | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Cliff Brunson | | | | P.O. #: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: P.O. Box 805 | | | | Company: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: Hobbs | | State: NM | | Zip: 88241 | | Attn: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: 575-397-6388 | | Fax #: 575-397-0397 | | Address: <i>Same</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: | | Project Owner: <i>OK</i> | | City: <i>Same</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: <i>Right Hand Canyon 35-7</i> | | | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: <i>Carls Bad</i> | | | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: <i>Gary RAY</i> | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | GIRAB OR (C)OMP. # CONTAINERS | | MATRIX | | | | | | | | | | | | | | PRESERV. | | SAMPLING | | | | | | | | | |
| H401832 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 SW # 2 | | | | 6 | | GROUNDWATER | | | | | | TPH | | | | | | | | | | | | | | | | | | | |
| 2 SW # 2 | | | | 6 | | WASTEWATER | | | | | | B-TEX | | | | | | | | | | | | | | | | | | | |
| 3 SW # 3 | | | | 6 | | SOIL | | X | | X | | | | | | | | | | | | | | | | | | | | | |
| 4 SP # 1B | | | | 6 | | OIL | | X | | X | | | | | | | | | | | | | | | | | | | | | |
| | | | | 6 | | SLUDGE | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 6 | | OTHER: | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 6 | | ACID/BASE: | | X | | X | | | | | | | | | | | | | | | | | | | | | |
| | | | | 6 | | ICE / COOL | | X | | X | | | | | | | | | | | | | | | | | | | | | |
| | | | | 6 | | OTHER: | | X | | X | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | DATE | | TIME | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 6-16-14 | | 2:00 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 6-16-14 | | 2:30 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 6-16-14 | | 2:40 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 6-16-14 | | 2:50 | | | | | | | | | | | | | | | | | | | |

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| | | | | | | |
|--|--|---------------|---|--|--|----------------|
| Relinquished By: | | Date: 6-16-14 | Received By: | | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| Relinquished By: | | Date: 6/17/14 | Received By: Jodi Jensen | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | -4.6°C | Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No | | CHECKED BY: | |
| | | | | | REMARKS: <u>Rush</u> | |

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476
#54

Jennifer Gilkey

From: Cliff P. Brunson <cbrunson@bbcinternational.com>
Sent: Sunday, April 06, 2014 4:50 PM
To: Mike Bratcher
Cc: Chris Jones; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY-Righthand Canyon 35-7-Remediation Plan
Attachments: Remediation Packet, Righthand Canyon 35-7.pdf

Mike,

This e-mail is to confirm our conversation on April 1, 2014 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As discussed, Oxy will excavate to a depth of 1 foot in the leak area around SP1 and the remainder of the leak area on top of the hill will be excavated to a depth of 6 inches as depicted on the attached site diagram. Then the site will then be backfilled with clean soil.

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

Thanks, Cliff

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

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Kathy Purvis

From: Ken Swinney <kswinney@bbcinternational.com>
Sent: Thursday, May 01, 2014 3:20 PM
To: Kathy Purvis
Subject: FW: OXY-Righthand Canyon 35-7-Remediation Plan

From: Van Curen, Jennifer [<mailto:jvancure@blm.gov>]
Sent: Friday, April 18, 2014 3:22 PM
To: Brunson; Christopher.Jones@oxy.com; kswinney@bbcinternational.com; Jennifer Gilkey
Subject: Re: OXY-Righthand Canyon 35-7-Remediation Plan

Plan is approved with the following stips.

Need to grab samples on sides for horizontal delineation.

Need samples from downslope areas to have for future reference in case areas are not vegetated back.

Area downslope from leak point on south of road is also impacted and will need to be included in cleanup. flowlines will need to be moved or elevated to remove contaminants underneath.

Need sample at 1.5' at sample point SP1B to see if TPH lowers.

TPH needs to be below 1000 in all areas with no contaminants left at surface. The area off side of hill may need to be treated to assist with lowering TPH levels if they are elevated.

Berm pad sufficiently to prevent fluids from leaving well pad. If drainage is running onto pad from an upslope source, prevent by engineering a control.

Thanks

JENNIFER E VAN CUREN
ENVIRONMENTAL PROTECTION SPECIALIST
DOI-BLM-CARLSBAD FIELD OFFICE
320 E GREENE ST. CARLSBAD, NM 88220
OFFICE- 575-234-5905
CELL - 575-361-0042
FAX - 575-234-5927

"There are known knowns. These are things we know that we know. There are known unknowns. That is to say, there are things that we know we don't know." Jim Perry

On Mon, Apr 7, 2014 at 6:26 AM, Amos, James <jamos@blm.gov> wrote:

----- Forwarded message -----

From: **Cliff P. Brunson** <cbrunson@bbcinternational.com>
Date: Sun, Apr 6, 2014 at 4:50 PM

Subject: OXY-Righthand Canyon 35-7-Remediation Plan

To: James Amos <jamos@blm.gov>

Cc: Chris Jones <Christopher_Jones@oxy.com>, Ken Swinney <kswinney@bbcinternational.com>, Jennifer Gilkey <jgilkey@bbcinternational.com>, Kathy Purvis <kathy@bbcinternational.com>

Jim,

This e-mail is to request the BLM's approval for the following remediation plan for the above referenced site. I have attached the materials that pertain to the site and the plan. This plan has already been approved by Mike Bratcher of the NMOCD. Oxy will excavate to a depth of 1 foot in the leak area around SP1 and the remainder of the leak area on top of the hill will be excavated to a depth of 6 inches as depicted on the attached site diagram. Then the site will then be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated. If you have any questions, please let us know.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
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E-Mail: cbrunson@bbcinternational.com

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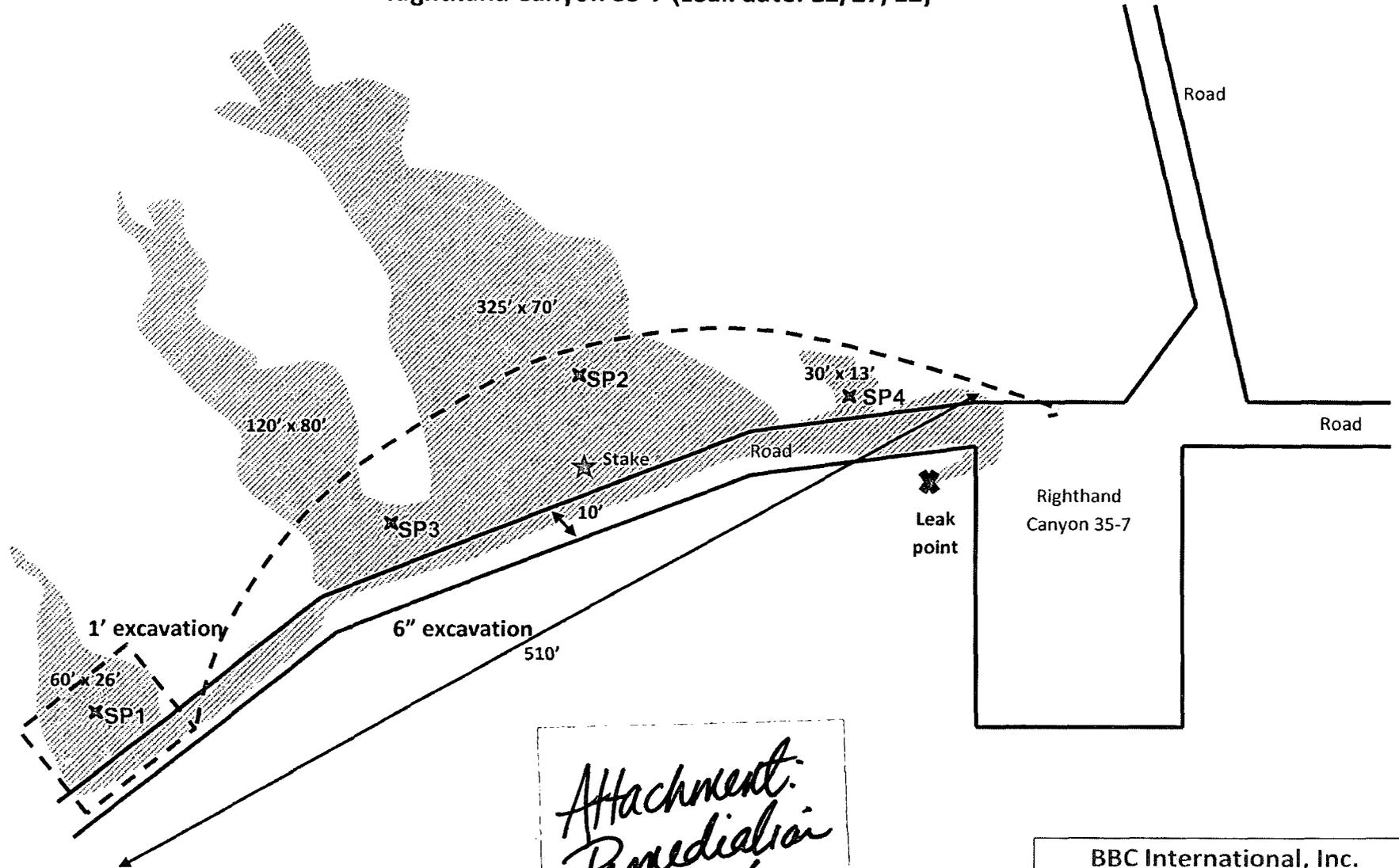
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James A. Amos
Bureau of Land Management
Carlsbad Field Office
Supervisory Environmental Protection Specialist
620 East Greene Street
Carlsbad, NM. 88220
Office: (575) 234-5909
Fax: (575) 234-5927
Cell: (575) 361-2648
E-mail: jamos@blm.gov



Oxy

Righthand Canyon 35-7 (Leak date: 12/27/12)



*Attachment:
Remediation
Packet*

| | |
|----------------------------------|--------------------|
| BBC International, Inc. | |
| Oxy | |
| Righthand Canyon 35-7 (12-27-12) | |
| Date: 1/17/2013 | DRWG by: K. Purvis |
| NOT TO SCALE | File: Oxy 2013 |



Groundwater Plot

Oxy Righthand Canyon 35-7 SWD

County
Eddy

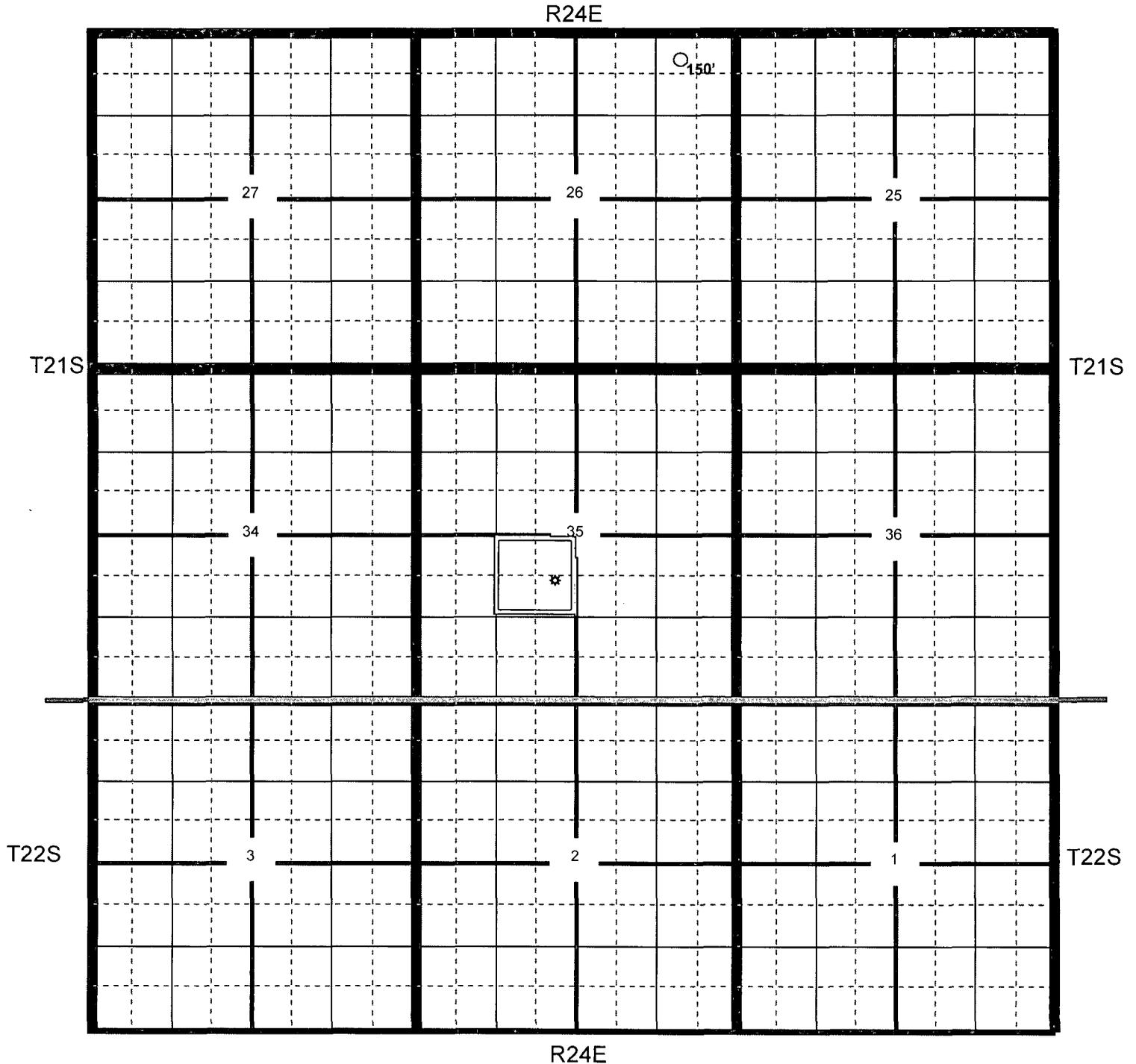
Unit Letter
K

Section
35

Township
21S

Range
24E

Trend Map 75'



★ Location

○ OCD

○ USGS

○ SEO

● All Databases



Section Quarters

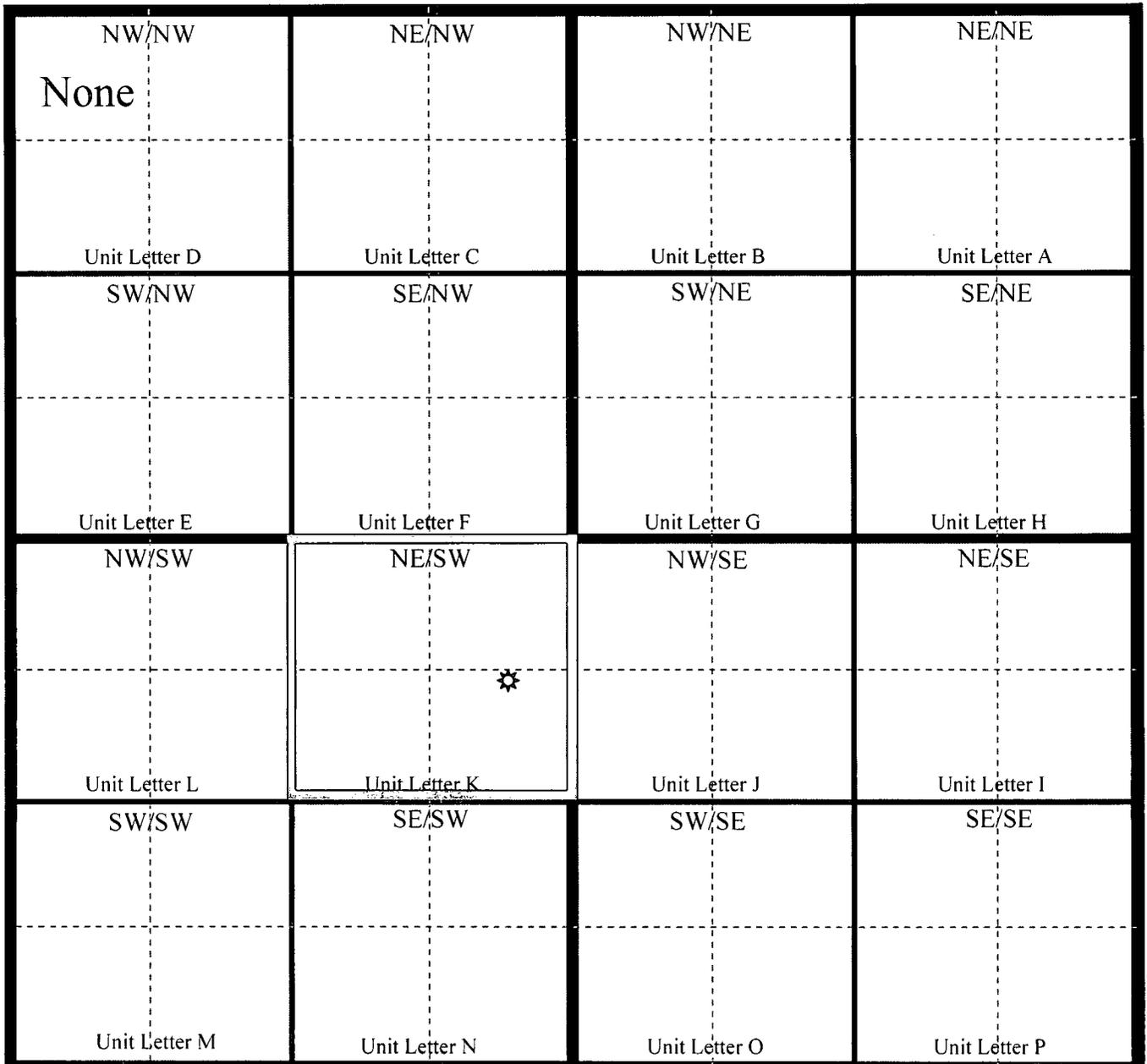
Oxy Righthand Canyon 35-7 SWD

| | | | | |
|-----------------------|-------------------------|----------------------|------------------------|---------------------|
| <i>County</i> Eddy | <i>Unit Letter</i> K | <i>Section</i> 35 | <i>Township</i> 21S | <i>Range</i> 24E |
|-----------------------|-------------------------|----------------------|------------------------|---------------------|

Trend Map 75'

1

2



3

4

★ Location ○ OCD ○ USGS ○ SEO ● All Databases

**Laboratory Analytical Results Summary
Righthand Canyon 35-7 SWD**

| | | Sample | SP1 @ SURFACE | SP1 @ 6" |
|----------------------|------------|--------|------------------|----------|
| Analyte | Method | Date | 2/5/13 | 2/5/13 |
| | | | mg/Kg | mg/Kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 |
| Toluene | BTEX 8021B | | <0.050 | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 | <0.300 |
| Chloride | SM4500Cl-B | | 128 | 32 |
| GRO | TPH 8015M | | <50.0 | <50.0 |
| DRO | TPH 8015M | | 6720 | 11400 |

| | | Sample | SP2 @ SURFACE | SP2 @ 6" |
|-----------------|------------|--------|------------------|----------|
| Analyte | Method | Date | 2/5/13 | 2/5/13 |
| | | | mg/Kg | mg/Kg |
| Chloride | SM4500Cl-B | | 32 | 176 |

| | | Sample | SP3 @ SURFACE | SP3 @ 6" |
|----------------------|------------|--------|------------------|----------|
| Analyte | Method | Date | 2/5/13 | 2/5/13 |
| | | | mg/Kg | mg/Kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 |
| Toluene | BTEX 8021B | | <0.050 | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 | <0.300 |
| Chloride | SM4500Cl-B | | 448 | 240 |
| GRO | TPH 8015M | | <10.0 | <10.0 |
| DRO | TPH 8015M | | 4820 | 541 |

| | | Sample | SP4 @ SURFACE | SP4 @ 6" |
|----------------------|------------|--------|------------------|----------|
| Analyte | Method | Date | 2/5/13 | 2/5/13 |
| | | | mg/Kg | mg/Kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 |
| Toluene | BTEX 8021B | | <0.050 | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 | <0.300 |
| Chloride | SM4500Cl-B | | 400 | 160 |
| GRO | TPH 8015M | | <10.0 | <10.0 |
| DRO | TPH 8015M | | 4200 | 229 |

Laboratory Analytical Results Summary
Righthand Canyon 35-7

| | | Sample | SP1B @ 6" | SP1B @ 1' |
|----------------------|------------|--------|------------|-------------|
| Analyte | Method | Date | 1/3/14 | 1/3/14 |
| | | | mg/Kg | mg/Kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 |
| Toluene | BTEX 8021B | | <0.050 | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 | <0.300 |
| GRO | TPH 8015M | | <10.0 | <10.0 |
| DRO | TPH 8015M | | 762 | 1700 |

February 11, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RIGHT HAND CANYON 35-7 SWD

Enclosed are the results of analyses for samples received by the laboratory on 02/06/13 8:25.

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 02/06/2013 | Sampling Date: | 02/05/2013 |
| Reported: | 02/11/2013 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SP 1 @ SURFACE (H300329-01)

| BTEX 8021B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.94 | 97.1 | 2.00 | 17.9 | | |
| Toluene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 98.1 | 2.00 | 17.4 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 97.9 | 2.00 | 17.8 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/07/2013 | ND | 6.02 | 100 | 6.00 | 17.0 | | |
| Total BTEX | <0.300 | 0.300 | 02/07/2013 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 116 % 89.4-126

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: DW | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 02/07/2013 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | | S-04 |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | | |
| GRO C6-C10 | <50.0 | 50.0 | 02/07/2013 | ND | 221 | 110 | 200 | 20.2 | | | |
| DRO >C10-C28 | 6720 | 50.0 | 02/07/2013 | ND | 202 | 101 | 200 | 21.9 | | | |

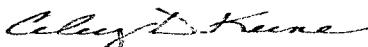
Surrogate: 1-Chlorooctane 74.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 280 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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 Fax To: (575) 397-0397

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 02/06/2013 | Sampling Date: | 02/05/2013 |
| Reported: | 02/11/2013 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SP 1 @ 6" (H300329-02)

| BTEX 8021B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.94 | 97.1 | 2.00 | 17.9 | | |
| Toluene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 98.1 | 2.00 | 17.4 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 97.9 | 2.00 | 17.8 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/07/2013 | ND | 6.02 | 100 | 6.00 | 17.0 | | |
| Total BTEX | <0.300 | 0.300 | 02/07/2013 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 123 % 89.4-126

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: DW | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 02/07/2013 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | | S-04 |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | | |
| GRO C6-C10 | <50.0 | 50.0 | 02/07/2013 | ND | 221 | 110 | 200 | 20.2 | | | |
| DRO >C10-C28 | 11400 | 50.0 | 02/07/2013 | ND | 202 | 101 | 200 | 21.9 | | | |

Surrogate: 1-Chlorooctane 79.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 457 % 63.6-154

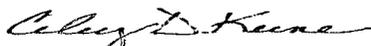
Sample ID: SP 2 @ SURFACE (H300329-03)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: DW | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 02/07/2013 | ND | 432 | 108 | 400 | 0.00 | | |

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 02/06/2013 | Sampling Date: | 02/05/2013 |
| Reported: | 02/11/2013 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SP 2 @ 6" (H300329-04)

| Chloride, SM4500CI-B | mg/kg | Analyzed By: DW | | | | | | | |
|----------------------|------------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 02/07/2013 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: SP 3 @ SURFACE (H300329-05)

| BTEX 8021B | mg/kg | Analyzed By: AP | | | | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.94 | 97.1 | 2.00 | 17.9 | |
| Toluene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 98.1 | 2.00 | 17.4 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 97.9 | 2.00 | 17.8 | |
| Total Xylenes* | <0.150 | 0.150 | 02/07/2013 | ND | 6.02 | 100 | 6.00 | 17.0 | |
| Total BTEX | <0.300 | 0.300 | 02/07/2013 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 108 % 89.4-126

| Chloride, SM4500CI-B | mg/kg | Analyzed By: DW | | | | | | | |
|----------------------|------------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 448 | 16.0 | 02/07/2013 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | mg/kg | Analyzed By: MS | | | | | | | | S-04 |
|------------------------|-------------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 02/07/2013 | ND | 221 | 110 | 200 | 20.2 | | |
| DRO >C10-C28 | 4820 | 10.0 | 02/07/2013 | ND | 202 | 101 | 200 | 21.9 | | |

Surrogate: 1-Chlorooctane 83.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 242 % 63.6-154

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 02/06/2013 | Sampling Date: | 02/05/2013 |
| Reported: | 02/11/2013 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SP 3 @ 6" (H300329-06)

| BTEX 8021B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.94 | 97.1 | 2.00 | 17.9 | | |
| Toluene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 98.1 | 2.00 | 17.4 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 97.9 | 2.00 | 17.8 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/07/2013 | ND | 6.02 | 100 | 6.00 | 17.0 | | |
| Total BTEX | <0.300 | 0.300 | 02/07/2013 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 106 % 89.4-126

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: DW | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 240 | 16.0 | 02/07/2013 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 02/07/2013 | ND | 221 | 110 | 200 | 20.2 | | |
| DRO >C10-C28 | 541 | 10.0 | 02/07/2013 | ND | 202 | 101 | 200 | 21.9 | | |

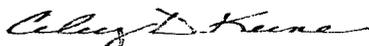
Surrogate: 1-Chlorooctane 85.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 114 % 63.6-154

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 02/06/2013 | Sampling Date: | 02/05/2013 |
| Reported: | 02/11/2013 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SP 4 @ SURFACE (H300329-07)

| BTEX 8021B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.94 | 97.1 | 2.00 | 17.9 | | |
| Toluene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 98.1 | 2.00 | 17.4 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 97.9 | 2.00 | 17.8 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/07/2013 | ND | 6.02 | 100 | 6.00 | 17.0 | | |
| Total BTEX | <0.300 | 0.300 | 02/07/2013 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 108 % 89.4-126

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: DW | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 400 | 16.0 | 02/07/2013 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | | S-04 |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | | |
| GRO C6-C10 | <10.0 | 10.0 | 02/07/2013 | ND | 221 | 110 | 200 | 20.2 | | | |
| DRO >C10-C28 | 4200 | 10.0 | 02/07/2013 | ND | 202 | 101 | 200 | 21.9 | | | |

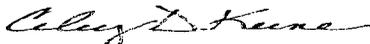
Surrogate: 1-Chlorooctane 83.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 223 % 63.6-154

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 02/06/2013 | Sampling Date: | 02/05/2013 |
| Reported: | 02/11/2013 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35-7 SWD | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | CARLSBAD, NEW MEXICO | | |

Sample ID: SP 4 @ 6" (H300329-08)

| BTEX 8021B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.94 | 97.1 | 2.00 | 17.9 | | |
| Toluene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 98.1 | 2.00 | 17.4 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/07/2013 | ND | 1.96 | 97.9 | 2.00 | 17.8 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/07/2013 | ND | 6.02 | 100 | 6.00 | 17.0 | | |
| Total BTEX | <0.300 | 0.300 | 02/07/2013 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 108 % 89.4-126

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: DW | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 02/07/2013 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 02/07/2013 | ND | 221 | 110 | 200 | 20.2 | | |
| DRO >C10-C28 | 229 | 10.0 | 02/07/2013 | ND | 202 | 101 | 200 | 21.9 | | |

Surrogate: 1-Chlorooctane 80.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 102 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by 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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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|---------------------------|---|---------------------|-------------|-------------------|------|-------------------------|----------|--------|------------|------------|--------|---|--|--|--------|------|--|------|--|--|--|
| Company Name: BBC International, Inc. | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | |
| Project Manager: Cliff Brunson | | | | P.O. #: | | | | | | | | | | | | | | | | | | | |
| Address: P.O. Box 805 | | | | Company: | | | | | | | | | | | | | | | | | | | |
| City: Hobbs | | State: NM | | Zip: 88241 | | Attn: SAME | | | | | | | | | | | | | | | | | |
| Phone #: 575-397-6388 | | Fax #: 575-397-0397 | | Address: | | | | | | | | | | | | | | | | | | | |
| Project #: | | Project Owner: oxy | | City: | | | | | | | | | | | | | | | | | | | |
| Project Name: Righthand Canyon 35 | | | | State: | | | | | | | | | | | | | | | | Zip: | | | |
| Project Location: | | | | Phone #: | | | | | | | | | | | | | | | | | | | |
| Sampler Name: ROGERHERNANDEZ | | | | Fax #: | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | | | # CONTAINERS | MATRIX | | | | PRESERV. | | | SAMPLING | | CL-77 TPH BTEX | | | | | | | | | |
| | | | | (G)GRAB OR (C)COMP. | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE: | ICE / COOL | OTHER: | | | | DATE | TIME | | | | | |
| H3500389 | 1 | SP1 @ SURFACE | 6 | 1 | | | ✓ | | | | | ✓ | | | | | 2-5-13 | | | | | | |
| | 2 | @ 6" | 6 | 1 | | | ✓ | | | | | ✓ | | | | | 2-5-13 | | | | | | |
| | 3 | SP2 @ SURFACE | 6 | 1 | | | ✓ | | | | | ✓ | | | | | 2-5-13 | | | | | | |
| | 4 | @ 6" | 6 | 1 | | | ✓ | | | | | ✓ | | | | | 2-5-13 | | | | | | |
| | 5 | SP3 @ SURFACE | 6 | 1 | | | ✓ | | | | | ✓ | | | | | 2-5-13 | | | | | | |
| | 6 | @ 6" | 6 | 1 | | | ✓ | | | | | ✓ | | | | | 2-5-13 | | | | | | |
| | 7 | SP4 @ SURFACE | 6 | 1 | | | ✓ | | | | | ✓ | | 2-5-13 | | | | | | | | | |
| | 8 | @ 6" | 6 | 1 | | | ✓ | | | | | ✓ | | 2-5-13 | | | | | | | | | |

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 the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

| | | | | | | |
|---|--|---------------------|---|--|--|----------------|
| Relinquished By: Roger Hernandez | | Date: 2-6-13 | Received By: Cliff Brunson | | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| | | Time: 6:25 | | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Relinquished By: | | Date: | Received By: | | REMARKS: | |
| | | Time: | | | | |
| Delivered By: (Circle One) | | | Sample Condition | | CHECKED BY: | |
| Sampler - UPS - Bus - Other: | | | Cool <input type="checkbox"/> Yes <input type="checkbox"/> No | | (Initials) | |
| | | | Intact <input type="checkbox"/> Yes <input type="checkbox"/> No | | CB | |

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

#26

January 13, 2014

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

RE: RIGHT HAND CANYON 35

Enclosed are the results of analyses for samples received by the laboratory on 01/07/14 8:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Caley D. Keene
Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|---------------|
| Received: | 01/07/2014 | Sampling Date: | 01/03/2014 |
| Reported: | 01/13/2014 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | INDIAN BASIN | | |

Sample ID: SP 1B @ 6" (H400040-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/10/2014 | ND | 1.92 | 96.1 | 2.00 | 2.06 | | |
| Toluene* | <0.050 | 0.050 | 01/10/2014 | ND | 1.89 | 94.6 | 2.00 | 2.20 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/10/2014 | ND | 1.93 | 96.4 | 2.00 | 2.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/10/2014 | ND | 5.63 | 93.8 | 6.00 | 2.42 | | |
| Total BTEX | <0.300 | 0.300 | 01/10/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 105 % 89.4-126

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 01/08/2014 | ND | 175 | 87.7 | 200 | 2.38 | | |
| DRO >C10-C28 | 762 | 10.0 | 01/08/2014 | ND | 180 | 90.1 | 200 | 1.19 | | |

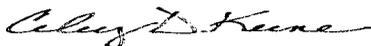
Surrogate: 1-Chlorooctane 86.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 124 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|---------------|
| Received: | 01/07/2014 | Sampling Date: | 01/03/2014 |
| Reported: | 01/13/2014 | Sampling Type: | Soil |
| Project Name: | RIGHT HAND CANYON 35 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | INDIAN BASIN | | |

Sample ID: SP 1B @ 1' (H400040-02)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/10/2014 | ND | 1.92 | 96.1 | 2.00 | 2.06 | | |
| Toluene* | <0.050 | 0.050 | 01/10/2014 | ND | 1.89 | 94.6 | 2.00 | 2.20 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/10/2014 | ND | 1.93 | 96.4 | 2.00 | 2.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/10/2014 | ND | 5.63 | 93.8 | 6.00 | 2.42 | | |
| Total BTEX | <0.300 | 0.300 | 01/10/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 89.4-126

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 01/08/2014 | ND | 175 | 87.7 | 200 | 2.38 | | |
| DRO >C10-C28 | 1700 | 10.0 | 01/08/2014 | ND | 180 | 90.1 | 200 | 1.19 | | |

Surrogate: 1-Chlorooctane 84.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 129 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

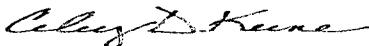
Notes and Definitions

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

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

| | | | | | | | | | | | | | | | | |
|---|-------------|-------------------|--------------|-------------------------|------------|------|----------|--------|--------|------------|----------|------|---------|-----|------|--------|
| Company Name: BBC International, Inc. | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | | | |
| Project Manager: Cliff Brunson | | P.O. #: | | | | | | | | | | | | | | |
| Address: P.O. Box 805 | | Company: | | | | | | | | | | | | | | |
| City: Hobbs State: NM Zip: 88241 | | Attn: SAME | | | | | | | | | | | | | | |
| Phone #: 575-397-6388 Fax #: 575-397-0397 | | Address: | | | | | | | | | | | | | | |
| Project #: Project Owner: OXY | | City: | | | | | | | | | | | | | | |
| Project Name: Right Hand Canyon | | State: Zip: | | | | | | | | | | | | | | |
| Project Location: | | Phone #: | | | | | | | | | | | | | | |
| Sampler Name: | | Fax #: | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (GRAB OR C/COMP.) | # CONTAINERS | MATRIX | | | PRESERV. | | | SAMPLING | | DATE | TIME | TPH | BTEX | |
| H400040 | 5P13@6" | | 1 | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE: | ICE/COOL | | | | | OTHER: |
| 1/2 | @ 1" | | | | | ✓ | | | | ✓ | | | 01-3-14 | 100 | | |
| | | | | | | ✓ | | | | ✓ | | | 01-3-14 | 140 | | |

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| | | | | |
|--|------------------------------|---|--|----------------|
| Relinquished By: Roger Hernandez | Date: 01-07-14 Time: 8:05 | Received By: Ramon Montoya | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| Relinquished By: Ramon Montoya | Date: 1/7/14 Time: 8:25 | Received By: Jodi Benson | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | 2.2°C | Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No | CHECKED BY: (Initials) JB | |
| REMARKS: | | | | |

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

#54

NM OIL CONSERVATION
ARTESIA DISTRICT

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

State of New Mexico
Energy Minerals and Natural Resources

JUL 22 2014

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

RECEIVED

Release Notification and Corrective Action

OPERATOR Initial Report Final Report

| | | | |
|-----------------|------------------------------------|---------------|-------------------|
| Name of Company | Oxy Permian Ltd. | Contact | Christopher Jones |
| Address | 1502 W. Commerce Dr., Carlsbad, NM | Telephone No. | (575) 628-4121 |
| Facility Name | Righthand Canyon 35-7 SWD | Facility Type | SWD |

| | | | |
|---------------|---------------|-----------|------------------|
| Surface Owner | Mineral Owner | Lease No. | API#30-015-34529 |
|---------------|---------------|-----------|------------------|

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|-----------------|
| K | 35 | 21S | 24E | 1975 | South | 2405 | West | Eddy County, NM |

Latitude _____ Longitude _____

NATURE OF RELEASE

| | | | | | |
|-----------------------------|---|---|--|----------------------------|--------|
| Type of Release | Produced water | Volume of Release | 175 bbls | Volume Recovered | 0 bbls |
| Source of Release | Failure in 2" valve on the discharge line | Date and Hour of Occurrence | 12/27/2012 | Date and Hour of Discovery | |
| Was Immediate Notice Given? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? | Mike Bratcher- OCD, James Amos-BLM, Terry Gregston-BLM | | |
| By Whom? | Christopher Jones | Date and Hour | 12/27/2012 @ 1:53 pm | | |
| Was a Watercourse Reached? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | | | |

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

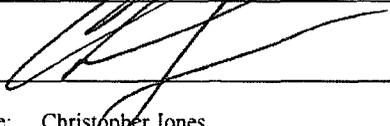
Failure in a 2" valve on the discharge line caused 175 bbls of produce water to leak onto the ground. Fluids were not recoverable. The valve was repaired.

Describe Area Affected and Cleanup Action Taken.*

Failure in a 2" valve on the discharge line caused 175 bbls of produce water to leak onto the ground. Fluids were not recoverable. Remediation will be performed in accordance with an OCD and BLM approved remediation plan.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

| | | | |
|---|---|------------------|-----------------------------------|
| Signature: |  | | |
| Printed Name: Christopher Jones | Approved by District Supervisor: | | |
| Title: HES Specialist | Approval Date: | Expiration Date: | |
| E-mail Address: Christopher Jones@oxy.com | Conditions of Approval: | | Attached <input type="checkbox"/> |
| Date: 1-3-13 | Phone: (575) 628-4121 | | |

* Attach Additional Sheets If Necessary