

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

State of New Mexico
Energy Minerals and Natural Resources

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

HOBBS OCD

MAR 27 2014

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 | CJ Summers |
| Address | 1017 W. Stanolind Rd, Hobbs, NM | Telephone No. | (575) 397-8216 |
| Facility Name | South Mattix Unit Fed #17 | Facility Type | |
| Surface Owner | BLM | Mineral Owner | |
| | | API No. | 30-025-20298 |

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|---------|
| G | 15 | 24S | 37E | 1980' | N | 1980' | E | Lea Co. |

Latitude _____ Longitude _____

NATURE OF RELEASE

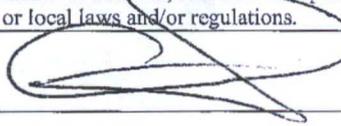
| | | | | | |
|-----------------------------|---|---|--|----------------------------|--------|
| Type of Release | Oil and produced water | Volume of Release | 7 bbls oil, 13 bbls produced water | Volume Recovered | 0 bbls |
| Source of Release | 1" steel line to pressure switch at wellhead | Date and Hour of Occurrence | 08/12/2013 | 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? | Geoffrey Leking- NMOCD, Jennifer Van Curen and James Amos- BLM | | |
| By Whom? | Rachael McPherson | Date and Hour | 08/13/2013 @ 10:51 am | | |
| 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.*
The failure of an one inch steel line to pressure switch at the wellhead released 7 bbls of oil and 13 bbls of produced water onto the ground. No fluids were recovered and the line was repaired/replaced.

Describe Area Affected and Cleanup Action Taken.*
The affected areas are the location pad and the pasture. Remediation was completed in accordance with a remediation plan approved by Geoffrey Leking of NMOCD via email on 10/03/2013 and approved by Jennifer Van Curen of the BLM via email on 10/06/2013.

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 federal, state, or local laws and/or regulations.

| | | |
|-----------------|---|--|
| Signature: |  | <h1>APPROVED</h1> |
| Printed Name: | Chancey Summers | |
| Title: | HES Specialist | Approval Date: 2/3/14 Expiration Date: |
| E-mail Address: | Chancey.Summers@oxy.com | Conditions of Approval: |
| Date: | 3-24-14 | Attached <input type="checkbox"/> |
| Phone: | (575) 397-8216 | |

* Attach Additional Sheets If Necessary

18P 4137

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Latitude _____ Longitude _____

NATURE OF RELEASE

| | | | | | |
|-----------------------------|---|---|--|----------------------------|--------|
| Type of Release | Oil and produced water | Volume of Release | 7 bbls oil, 13 bbls produced water | Volume Recovered | 0 bbls |
| Source of Release | 1" steel line to pressure switch at wellhead | Date and Hour of Occurrence | 08/12/2013 | 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? | Geoffrey Leking- NMOCD, Jennifer Van Curen and James Amos- BLM | | |
| By Whom? | Rachael McPherson | Date and Hour | 08/13/2013 @ 10:51 am | | |
| Was a Watercourse Reached? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | | | |

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The affected areas are the location pad and the pasture. Remediation will be completed in accordance with a remediation plan approved by NMOCD and the BLM.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, 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: Chancey Summers | Approved by District Supervisor: | | |
| Title: HES Specialist | Approval Date: | Expiration Date: | |
| E-mail Address: Chancey.Summers@oxy.com | Conditions of Approval: | | Attached <input type="checkbox"/> |
| Date: 8/22/13 | Phone: (575) 397-8216 | | |

* Attach Additional Sheets If Necessary

Closure Report

HOBBS OCD

MAR 27 2014

| Site Description | | RECEIVED |
|--------------------|-------------------------------|----------|
| Site Name: | SMU Federal #17 | |
| Company: | Oxy Permian Ltd. | |
| Legal Description: | U/L G, Section 15, T24S, R37E | |
| County: | Lea County, NM | |
| GPS Coordinates: | N 32.21942° W 103.14868° | |

| Release Data | |
|--------------------|---|
| Date of Release: | 08/12/2013 |
| Type of Release: | Oil and produced water |
| Source of Release: | 1" steel line to pressure switch at well head |
| Volume of Release: | 7 bbls oil and 13 bbls produced water |
| Volume Recovered: | 0 bbls |

| Remediation Specifications | |
|----------------------------|---|
| Remediation Parameters: | Excavate the area around SP1 to a depth of the surface to 1 foot. Excavate the rest of the spill area to a depth of 4 feet. Obtain confirmation bottom and sidewall samples. Backfill the sirt with clean soil. |
| Remediation Activities: | 03/12/14 to 03/20/14 |

| | | |
|-----------------------|------------|---|
| Plan Sent to OCD: | 10/02/2013 | Email from Cliff Brunson to Geoffrey Leking |
| OCD Approval of Plan: | 10/03/2013 | Email from Geoffrey Leking to Cliff Brunson |
| Plan Sent to BLM: | 10/03/2013 | Email from Cliff Brunson to J. Van Curen |
| BLM Approval of Plan: | 10/06/2013 | Email from J. Van Curen to Cliff Brunson |

| Supporting Documentation | |
|--------------------------|--|
| Initial C-141 | Signed 08/22/2013 |
| Final C-141 | Signed 03/24/2014 |
| Site Diagram | August 2013 |
| Groundwater Plot | <100' |
| TOPO Maps | August 2013 |
| Lab Summary | 8/28/13 and 3/14/14 |
| Lab Analysis | 8/28/13 and 3/14/14 |
| 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. | 03/26/14 |

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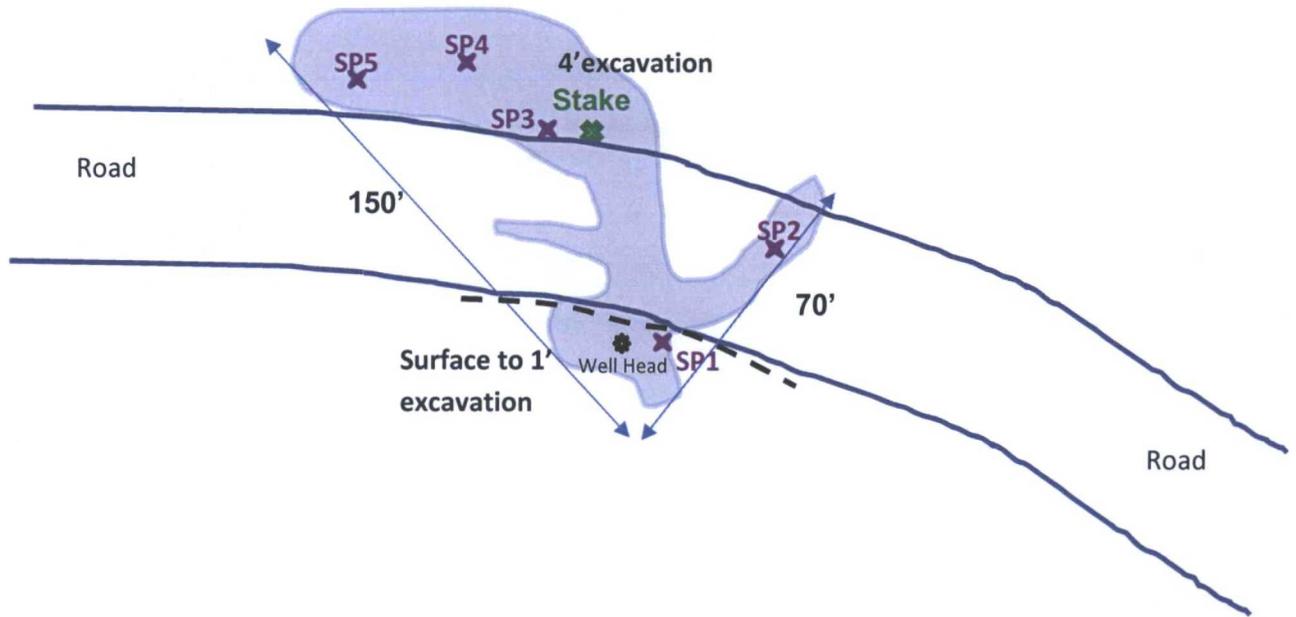
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| Signature: | <u>OIL CONSERVATION DIVISION</u> | | |
| Printed Name: Chancey Summers | Approved by District Supervisor: | | |
| Title: HES Specialist | Approval Date: | Expiration Date: | |
| E-mail Address: Chancey.Summers@oxy.com | Conditions of Approval: | | Attached <input type="checkbox"/> |
| Date: 8/22/13 | Phone: (575) 397-8216 | | |

* Attach Additional Sheets If Necessary



Oxy
South Mattix Unit Federal #017



U/L G, Section 15, T24S, R37E
Lea County, NM
N 32.21942° W 103.14868°

| | |
|--------------------------------|----------------|
| BBC International, Inc. | |
| Oxy | |
| South Mattix Unit #017 | |
| Date: 08/26/2013 | DRWG by: JG |
| NOT TO SCALE | File: Oxy 2013 |

Groundwater Plot

Oxy SMU Fed #017

County
Lea Co.

Unit Letter
G

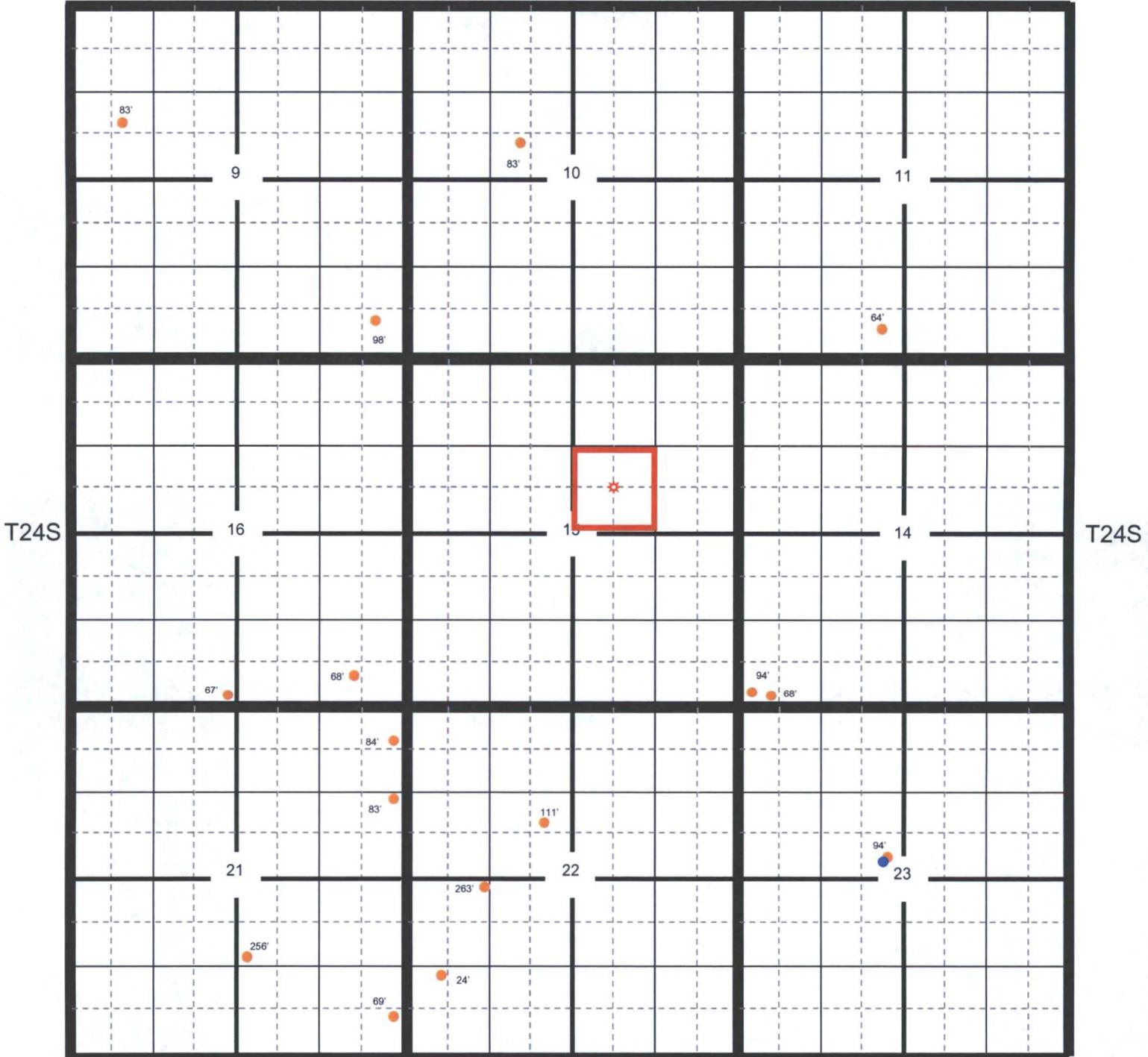
Section
15

Township
24S

Range
37E

Trend Map <100'

R37E



★ Location

● OCD

● USGS

● SEO

● All Databases

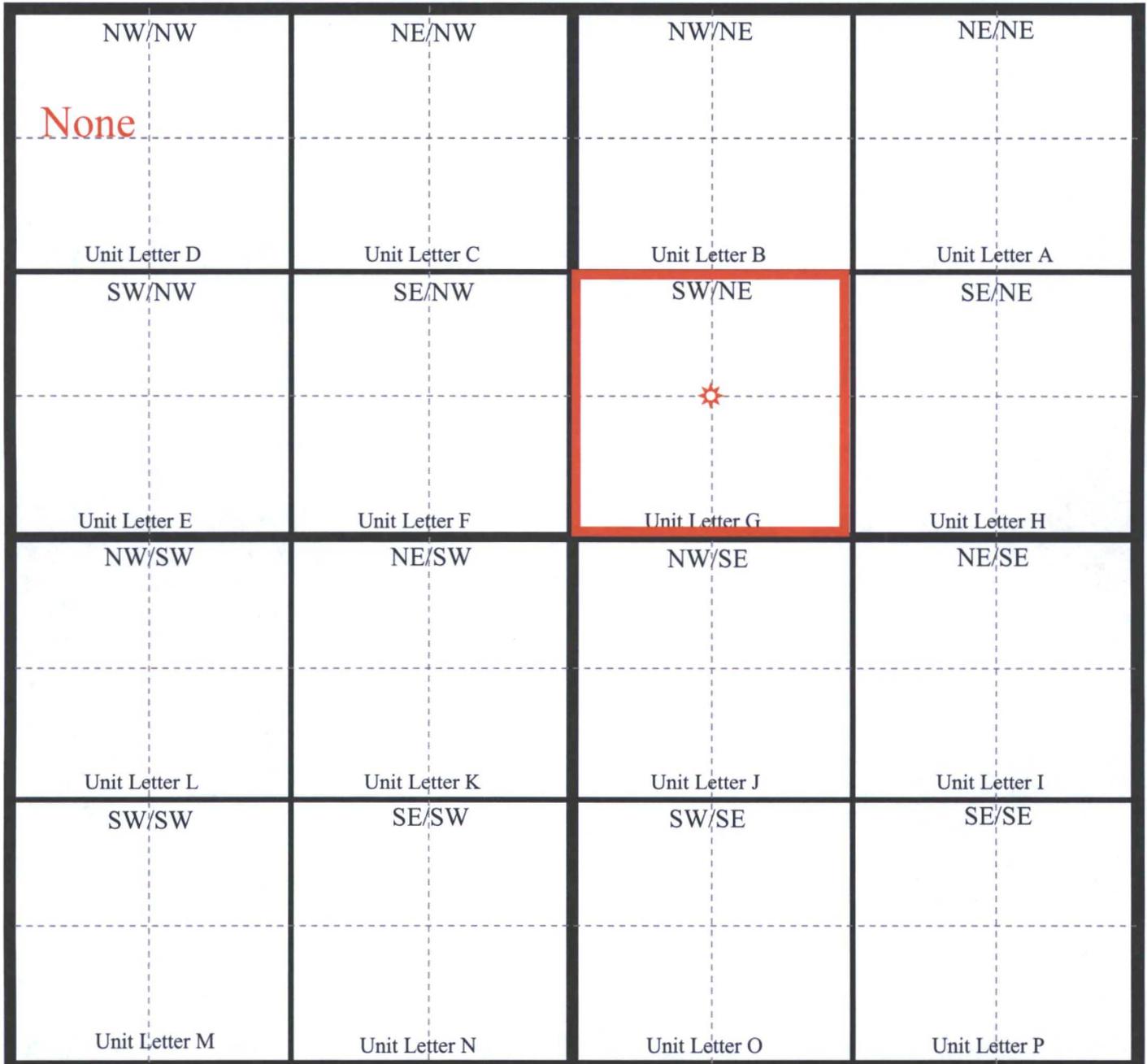
Oxy SMU #017

County: Lea Unit Letter: G Section: 15 Township: 24S Range: 37E

Trend Map <100'

1

2

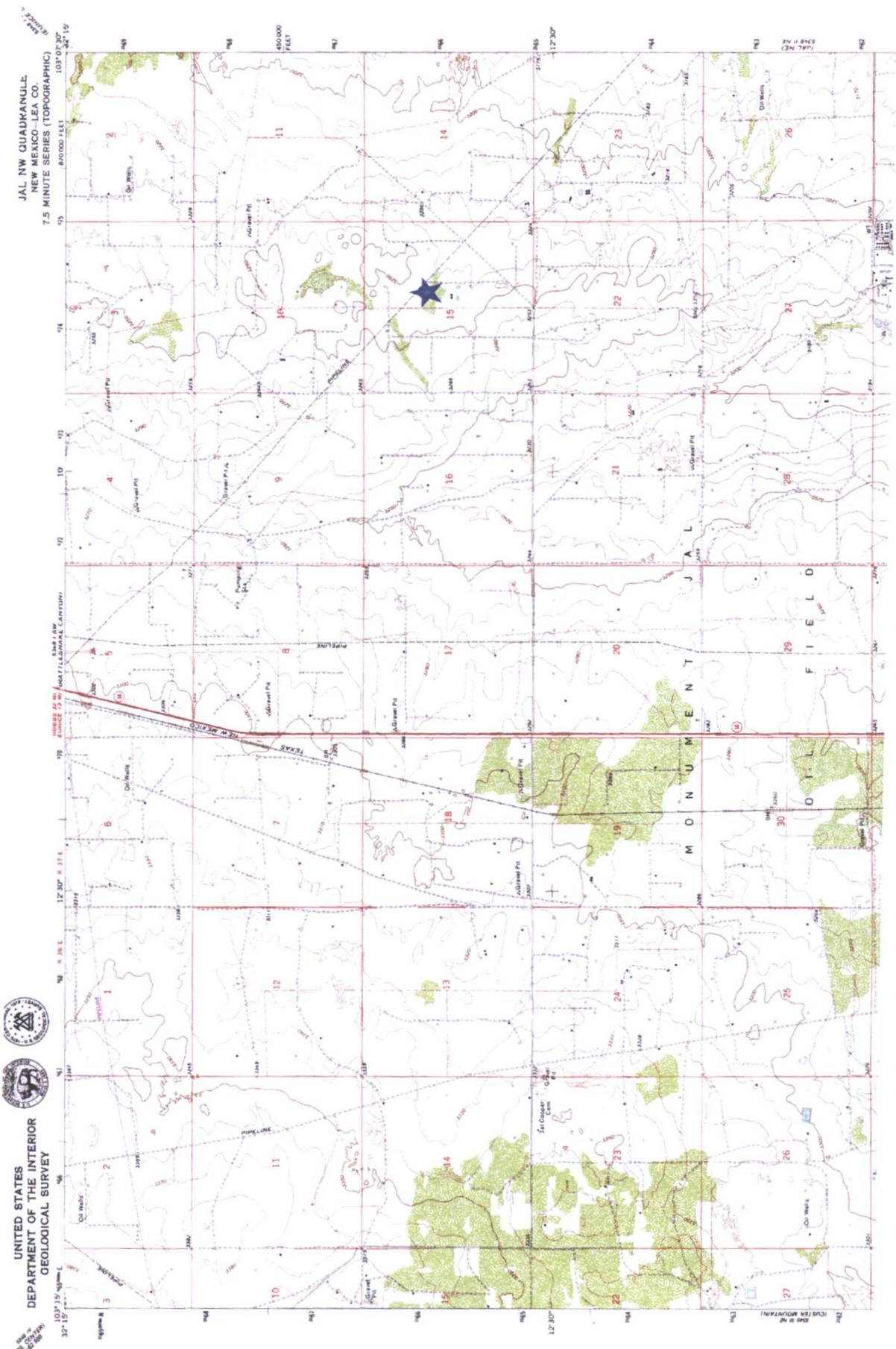


3

4

Oxy

South Mattix Unit 017



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



Laboratory Analytical Results Summary
South Mattix Unit Federal #17

| Analyte | Method | Sample | | SP1 @ 1' | SP1 @ 2' | SP1 @ 3' |
|---------------|------------|--------|--|----------|----------|----------|
| | | Date | | mg/Kg | mg/Kg | mg/Kg |
| Benzene | BTEX 8021B | | | <0.050 | n/a | <0.050 |
| Toluene | BTEX 8021B | | | <0.050 | n/a | <0.050 |
| Ethylbenzene | BTEX 8021B | | | <0.050 | n/a | <0.050 |
| Total Xylenes | BTEX 8021B | | | <0.150 | n/a | <0.150 |
| Total BTEX | BTEX 8021B | | | <0.300 | n/a | <0.300 |
| Chloride | SM4500Cl-B | | | 144 | 272 | 16 |
| GRO | TPH 8015M | | | <10.0 | n/a | <10.0 |
| DRO | TPH 8015M | | | <10.0 | n/a | <10.0 |

| Analyte | Method | Sample | | SP4 @ 1' | SP4 @ 3' | SP4 @ 4' | SP4 @ 5' |
|---------------|------------|--------|--|----------|----------|----------|----------|
| | | Date | | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Benzene | BTEX 8021B | | | <0.050 | <0.050 | n/a | <0.050 |
| Toluene | BTEX 8021B | | | <0.050 | <0.050 | n/a | <0.050 |
| Ethylbenzene | BTEX 8021B | | | <0.050 | <0.050 | n/a | <0.050 |
| Total Xylenes | BTEX 8021B | | | <0.150 | <0.150 | n/a | <0.150 |
| Total BTEX | BTEX 8021B | | | <0.300 | <0.300 | n/a | <0.300 |
| Chloride | SM4500Cl-B | | | 6000 | 4480 | 992 | <16.0 |
| GRO | TPH 8015M | | | <10.0 | <10.0 | n/a | <10.0 |
| DRO | TPH 8015M | | | 28.1 | <10.0 | n/a | <10.0 |

| Analyte | Method | Sample | | SP2 @ 1' | SP2 @ 3' | SP2 @ 4' | SP2 @ 5' |
|---------------|------------|--------|--|----------|----------|----------|----------|
| | | Date | | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Benzene | BTEX 8021B | | | <0.050 | <0.050 | n/a | <0.050 |
| Toluene | BTEX 8021B | | | <0.050 | <0.050 | n/a | <0.050 |
| Ethylbenzene | BTEX 8021B | | | <0.050 | <0.050 | n/a | <0.050 |
| Total Xylenes | BTEX 8021B | | | <0.150 | <0.150 | n/a | <0.150 |
| Total BTEX | BTEX 8021B | | | <0.300 | <0.300 | n/a | <0.300 |
| Chloride | SM4500Cl-B | | | 5120 | 4320 | 816 | <16.0 |
| GRO | TPH 8015M | | | <10.0 | <10.0 | n/a | <10.0 |
| DRO | TPH 8015M | | | 24.5 | <10.0 | n/a | <10.0 |

| Analyte | Method | Sample | | SP5 @ 1' | SP5 @ 3' | SP5 @ 4' | SP5 @ 5' |
|---------------|------------|--------|--|----------|----------|----------|----------|
| | | Date | | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Benzene | BTEX 8021B | | | <0.050 | <0.050 | n/a | <0.050 |
| Toluene | BTEX 8021B | | | <0.050 | <0.050 | n/a | <0.050 |
| Ethylbenzene | BTEX 8021B | | | <0.050 | <0.050 | n/a | <0.050 |
| Total Xylenes | BTEX 8021B | | | <0.150 | <0.150 | n/a | <0.150 |
| Total BTEX | BTEX 8021B | | | <0.300 | <0.300 | n/a | <0.300 |
| Chloride | SM4500Cl-B | | | 6000 | 3340 | 944 | <16.0 |
| GRO | TPH 8015M | | | <10.0 | <10.0 | n/a | <10.0 |
| DRO | TPH 8015M | | | 24.9 | <10.0 | n/a | <10.0 |

| Analyte | Method | Sample | | SP3 @ 1' | SP3 @ 3' | SP3 @ 4' | SP3 @ 5' |
|---------------|------------|--------|--|----------|----------|----------|----------|
| | | Date | | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Benzene | BTEX 8021B | | | <0.050 | <0.050 | n/a | <0.050 |
| Toluene | BTEX 8021B | | | <0.050 | <0.050 | n/a | <0.050 |
| Ethylbenzene | BTEX 8021B | | | <0.050 | <0.050 | n/a | <0.050 |
| Total Xylenes | BTEX 8021B | | | <0.150 | <0.150 | n/a | <0.150 |
| Total BTEX | BTEX 8021B | | | <0.300 | <0.300 | n/a | <0.300 |
| Chloride | SM4500Cl-B | | | 6320 | 4240 | 976 | <16.0 |
| GRO | TPH 8015M | | | <10.0 | <10.0 | n/a | <10.0 |
| DRO | TPH 8015M | | | 30.1 | <10.0 | n/a | <10.0 |

Laboratory Analytical Results Summary
SMU Federal #17

| Analyte | Method | Sample | | SIDEWALL 1 | SIDEWALL 2 | SIDEWALL 3 | SIDEWALL 4 | BOTTOM |
|---------------|------------|--------|--|------------------|------------------|------------------|------------------|------------------|
| | | Date | | 3/14/14 mg/kg | 3/14/14 mg/kg | 3/14/14 mg/kg | 3/14/14 mg/kg | 3/14/14 mg/kg |
| Benzene | BTEX 8021B | | | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |
| Toluene | BTEX 8021B | | | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |
| Ethylbenzene | BTEX 8021B | | | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |
| Total Xylenes | BTEX 8021B | | | <0.150 | <0.150 | <0.150 | <0.150 | <0.150 |
| Total BTEX | BTEX 8021B | | | <0.300 | <0.300 | <0.300 | <0.300 | <0.300 |
| Chloride | SM4500Cl-B | | | 112 | 64 | 32 | 80 | 48 |
| GRO | TPH 8015M | | | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DRO | TPH 8015M | | | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |

September 11, 2013

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

RE: SOUTH MATTIX UNIT FED #017

Enclosed are the results of analyses for samples received by the laboratory on 09/04/13 16:50.

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,



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: | 09/04/2013 | Sampling Date: | 08/28/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 1 @ 1' (H302143-01)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 80.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 86.8 % 63.6-154

Sample ID: SP 1 @ 2' (H302143-02)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 272 | 16.0 | 09/06/2013 | ND | 416 | 104 | 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: | 09/04/2013 | Sampling Date: | 08/28/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 1 @ 3' (H302143-03)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 89.4-126

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 78.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 84.7 % 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: | 09/04/2013 | Sampling Date: | 08/28/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 2 @ 1' (H302143-04)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 5120 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | 24.5 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 90.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 96.6 % 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: | 09/04/2013 | Sampling Date: | 08/28/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 2 @ 3' (H302143-05)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 109 % 89.4-126

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4320 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 79.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 83.4 % 63.6-154

Sample ID: SP 2 @ 4' (H302143-06)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 816 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

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| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 09/04/2013 | Sampling Date: | 08/28/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP2 @ 5' (H302143-07)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 77.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 81.6 % 63.6-154

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 09/04/2013 | Sampling Date: | 08/28/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 3 @ 1' (H302143-08)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 6320 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | 30.1 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 86.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.0 % 63.6-154

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 09/04/2013 | Sampling Date: | 08/28/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 3 @ 3' (H302143-09)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4240 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 80.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 87.1 % 63.6-154

Sample ID: SP 3 @ 4' (H302143-10)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 976 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

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| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 09/04/2013 | Sampling Date: | 08/28/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 3 @ 5' (H302143-11)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 79.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 86.7 % 63.6-154

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 Cliff Brunson
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 Fax To: (575) 397-0397

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 09/04/2013 | Sampling Date: | 08/29/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 4 @ 1' (H302143-12)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 6000 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | 28.1 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 85.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 93.2 % 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: | 09/04/2013 | Sampling Date: | 08/29/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 4 @ 3' (H302143-13)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4480 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 84.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 90.1 % 63.6-154

Sample ID: SP 4 @ 4' (H302143-14)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 992 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

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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: | 09/04/2013 | Sampling Date: | 08/29/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 4 @ 5' (H302143-15)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 69.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 69.8 % 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: | 09/04/2013 | Sampling Date: | 08/29/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 5 @ 1' (H302143-16)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 6000 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | 24.9 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 84.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.0 % 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: | 09/04/2013 | Sampling Date: | 08/29/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 5 @ 3' (H302143-17)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3340 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 83.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 91.0 % 63.6-154

Sample ID: SP 5 @ 4' (H302143-18)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 944 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

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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: | 09/04/2013 | Sampling Date: | 08/29/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 5 @ 5' (H302143-19)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 78.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 82.8 % 63.6-154

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*=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

ANALYSIS REQUEST

| | | | | | |
|--|--|---------------------|--|----------------------|--|
| Company Name: BBC International, Inc. | | P.O. #: | | BILL TO | |
| Project Manager: Cliff Brunson | | Company: | | | |
| Address: P.O. Box 805 | | City: Hobbs | | State: NM Zip: 88241 | |
| Phone #: 575-397-6388 | | Fax #: 575-397-0397 | | Address: SAME | |
| Project #: | | Project Owner: DW | | City: | |
| Project Name: South Martir Unit Fed #017 | | State: | | Zip: | |
| Project Location: | | Phone #: | | | |
| Sampler Name: | | Fax #: | | | |
| FOR LAB USE ONLY | | MATRIX | | PRESERV | |
| Lab I.D. | | GROUNDWATER | | WASTEWATER | |
| Sample I.D. | | SOIL | | SLUDGE | |
| | | OTHER: | | ACID/BASE: | |
| | | ICE / COOL | | OTHER: | |
| | | DATE | | TIME | |
| H302143 | | 8-28-13 | | 1125 | |
| 1 SP1 @ 1' | | 8-28-13 | | 1148 | |
| 2 @ 2' | | 8-28-13 | | 1208 | |
| 3 @ 3' | | 8-28-13 | | 1234 | |
| 4 SP2 @ 1' | | 8-28-13 | | 108 | |
| 5 @ 3' | | 8-28-13 | | 117 | |
| 6 @ 5' | | 8-28-13 | | 124 | |
| 7 @ 5' | | 8-28-13 | | 154 | |
| 8 SP3 @ 1' | | 8-28-13 | | 225 | |
| 9 @ 3' | | 8-28-13 | | 237 | |
| 10 @ 4' | | 8-28-13 | | | |

CHLORIDE
 TPH
 BTEX

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Relinquished By: *David Hernandez* Date: 9.4.13 Time: 5:06 PM Received By: *David Tavel* Date: 9.4.13 Time: 5:06 PM

Relinquished By: *David Hernandez* Date: 9.4.13 Time: 5:06 PM Received By: *David Tavel* Date: 9.4.13 Time: 5:06 PM

Delivered By: (Circle One) *UPS* Type: *50* Sample Condition: *Good* Checked By: *[Signature]*

Sampler - UPS - Bus - Other: *16* Cool / Hot: *Yes* / *No* Pres / Yes: *Yes* / *No* (In/Out): *Yes* / *No*

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

#54

March 18, 2014

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

RE: SMU #17

Enclosed are the results of analyses for samples received by the laboratory on 03/17/14 8:30.

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: 03/17/2014
 Reported: 03/18/2014
 Project Name: SMU #17
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 03/14/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SIDEWALL #1 (H400791-01)

| 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 | 03/17/2014 | ND | 2.32 | 116 | 2.00 | 2.90 | | |
| Toluene* | <0.050 | 0.050 | 03/17/2014 | ND | 2.21 | 110 | 2.00 | 2.66 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/17/2014 | ND | 2.16 | 108 | 2.00 | 2.78 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/17/2014 | ND | 6.27 | 104 | 6.00 | 2.30 | | |
| Total BTEX | <0.300 | 0.300 | 03/17/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 103 % 89.4-126

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 03/17/2014 | ND | 400 | 100 | 400 | 3.92 | | |

| 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 | 03/17/2014 | ND | 217 | 108 | 200 | 2.29 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 03/17/2014 | ND | 213 | 107 | 200 | 1.57 | | |

Surrogate: 1-Chlorooctane 103 % 65.2-140

Surrogate: 1-Chlorooctadecane 101 % 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: 03/17/2014
 Reported: 03/18/2014
 Project Name: SMU #17
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 03/14/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SIDEWALL #2 (H400791-02)

| 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 | 03/17/2014 | ND | 2.32 | 116 | 2.00 | 2.90 | | |
| Toluene* | <0.050 | 0.050 | 03/17/2014 | ND | 2.21 | 110 | 2.00 | 2.66 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/17/2014 | ND | 2.16 | 108 | 2.00 | 2.78 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/17/2014 | ND | 6.27 | 104 | 6.00 | 2.30 | | |
| Total BTEX | <0.300 | 0.300 | 03/17/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 102 % 89.4-126

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 03/17/2014 | ND | 400 | 100 | 400 | 3.92 | | |

| 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 | 03/17/2014 | ND | 217 | 108 | 200 | 2.29 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 03/17/2014 | ND | 213 | 107 | 200 | 1.57 | | |

Surrogate: 1-Chlorooctane 93.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 99.1 % 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: 03/17/2014
 Reported: 03/18/2014
 Project Name: SMU #17
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 03/14/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SIDEWALL #3 (H400791-03)

| 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 | 03/17/2014 | ND | 2.32 | 116 | 2.00 | 2.90 | | |
| Toluene* | <0.050 | 0.050 | 03/17/2014 | ND | 2.21 | 110 | 2.00 | 2.66 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/17/2014 | ND | 2.16 | 108 | 2.00 | 2.78 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/17/2014 | ND | 6.27 | 104 | 6.00 | 2.30 | | |
| Total BTEX | <0.300 | 0.300 | 03/17/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 102 % 89.4-126

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 03/17/2014 | ND | 400 | 100 | 400 | 3.92 | | |

| 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 | 03/17/2014 | ND | 217 | 108 | 200 | 2.29 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 03/17/2014 | ND | 213 | 107 | 200 | 1.57 | | |

Surrogate: 1-Chlorooctane 106 % 65.2-140

Surrogate: 1-Chlorooctadecane 104 % 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: 03/17/2014
 Reported: 03/18/2014
 Project Name: SMU #17
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 03/14/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SIDEWALL #4 (H400791-04)

| 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 | 03/17/2014 | ND | 2.32 | 116 | 2.00 | 2.90 | | |
| Toluene* | <0.050 | 0.050 | 03/17/2014 | ND | 2.21 | 110 | 2.00 | 2.66 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/17/2014 | ND | 2.16 | 108 | 2.00 | 2.78 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/17/2014 | ND | 6.27 | 104 | 6.00 | 2.30 | | |
| Total BTEX | <0.300 | 0.300 | 03/17/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 89.4-126

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 03/17/2014 | ND | 400 | 100 | 400 | 3.92 | | |

| 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 | 03/17/2014 | ND | 217 | 108 | 200 | 2.29 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 03/17/2014 | ND | 213 | 107 | 200 | 1.57 | | |

Surrogate: 1-Chlorooctane 103 % 65.2-140

Surrogate: 1-Chlorooctadecane 104 % 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: | 03/17/2014 | Sampling Date: | 03/14/2014 |
| Reported: | 03/18/2014 | Sampling Type: | Soil |
| Project Name: | SMU #17 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: BOTTOM (H400791-05)

| 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 | 03/17/2014 | ND | 2.32 | 116 | 2.00 | 2.90 | | |
| Toluene* | <0.050 | 0.050 | 03/17/2014 | ND | 2.21 | 110 | 2.00 | 2.66 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/17/2014 | ND | 2.16 | 108 | 2.00 | 2.78 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/17/2014 | ND | 6.27 | 104 | 6.00 | 2.30 | | |
| Total BTEX | <0.300 | 0.300 | 03/17/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 102 % 89.4-126

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 03/17/2014 | ND | 400 | 100 | 400 | 3.92 | | |

| 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 | 03/18/2014 | ND | 217 | 108 | 200 | 2.29 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 03/18/2014 | ND | 213 | 107 | 200 | 1.57 | | |

Surrogate: 1-Chlorooctane 107 % 65.2-140

Surrogate: 1-Chlorooctadecane 106 % 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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Celey D. Keene, Lab Director/Quality Manager

Kathy Purvis

From: Leking, Geoffrey R, EMNRD <GeoffreyR.Leking@state.nm.us>
Sent: Thursday, October 03, 2013 2:06 PM
To: Cliff P. Brunson
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: OXY-South Mattix Unit Federal #017-Remediation Plan

Cliff

RE: OXY-South Mattix Unit Federal #017-Remediation Plan

The remediation plan is approved as discussed at the September 25, 2013 meeting as detailed in your email below.

Please include all attachments to the email below in your closure report. Thank you.

Geoffrey Leking
Environmental Specialist
NMOCD-Hobbs
1625 N. French Drive
Hobbs, NM 88240
Office: (575) 393-6161 Ext. 113
Cell: (575) 399-2990
email: geoffreyr.leking@state.nm.us

From: Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Wednesday, October 02, 2013 3:24 PM
To: Leking, Geoffrey R, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY-South Mattix Unit Federal #017-Remediation Plan

Geoff,

This message is to confirm our discussion on September 25, 2013 concerning the remediation plan for the Oxy South Mattix Unit Federal #017 site. I have attached the site diagram and lab data summary table that we used in our discussion. As mutually agreed, Oxy will excavate to a depth of surface to 1 foot in the area around SP1 as depicted on the attached diagram. In the rest of the spill area, the excavation will be to 4 feet as shown on the diagram. The site will then be backfilled with clean soil.

If you would please reply back via e-mail with your concurrence to this plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:

1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
Fax: (575) 397-0397
E-Mail: cbrunson@bbcinternational.com

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Kathy Purvis

From: Van Curen, Jennifer <jvancure@blm.gov>
Sent: Sunday, October 06, 2013 8:09 PM
To: Cliff P. Brunson
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Re: OXY-South Mattix Unit (SMU) Federal #017-Remediation Plan

Cliff,

You have the go ahead on this one. Please get me some bottom and sidewall samples. 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

On Thu, Oct 3, 2013 at 10:46 AM, Cliff P. Brunson <cbrunson@bbcinternational.com> wrote:
Jennifer,

This e-mail is to request the BLM's approval for the following remediation plan for the above referenced site. I have attached the materials that pertain to the site and the plan. This plan has already been approved by Geoffrey Leking of the NMOCD. Oxy will excavate to a depth of surface to 1 foot in the area around SP1 as depicted on the attached diagram. In the rest of the spill area, the excavation will be to 4 feet as shown on the diagram. 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.

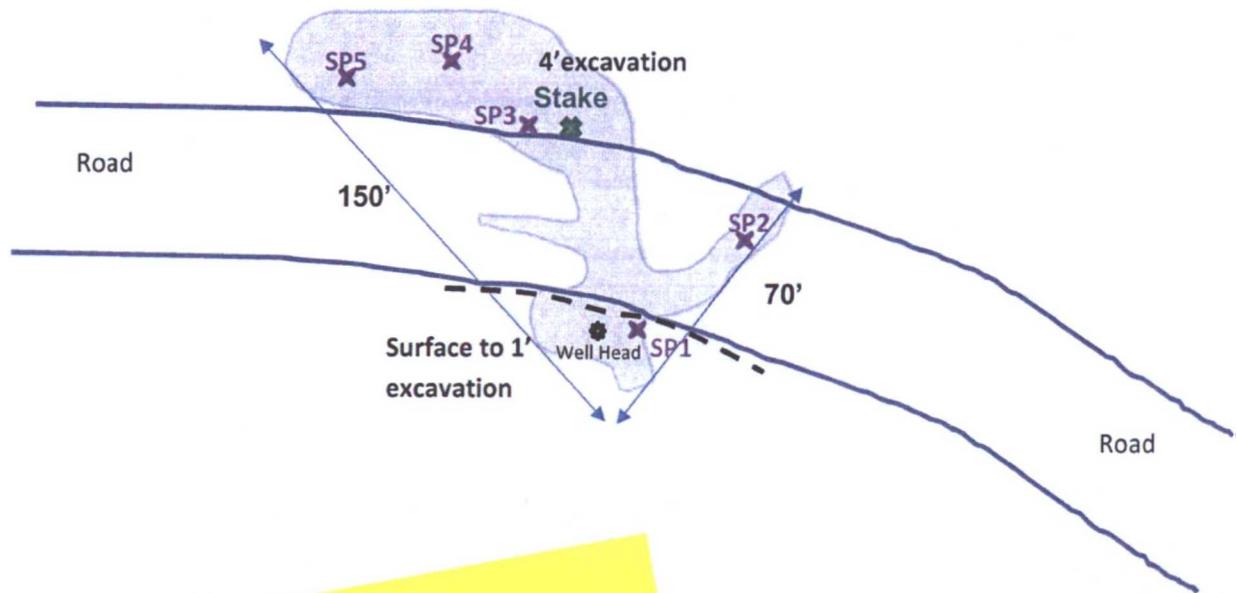
Thanks, Cliff

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.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
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E-Mail: cbrunson@bbcinternational.com

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Oxy
South Mattix Unit Federal #017



Remediation
Packet

U/L G, Section 15, T24S, R37E
Lea County, NM
N 32.21942° W 103.14868°

| | |
|-------------------------|----------------|
| BBC International, Inc. | |
| Oxy | |
| South Mattix Unit #017 | |
| Date: 08/26/2013 | DRWG by: JG |
| NOT TO SCALE | File: Oxy 2013 |



Groundwater Plot

Oxy SMU Fed #017

County
Lea Co.

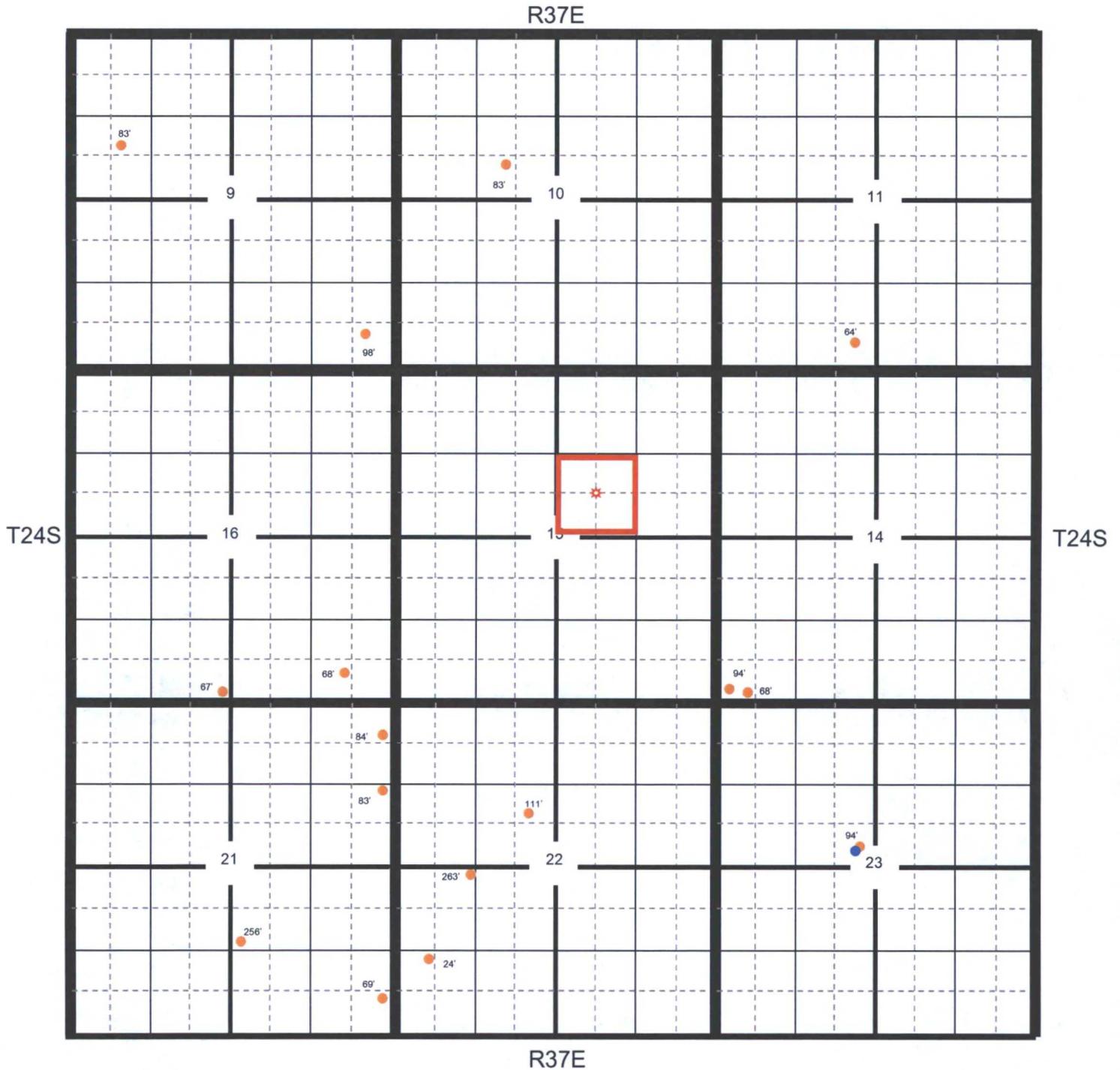
Unit Letter
G

Section
15

Township
24S

Range
37E

Trend Map <100'



★ Location

● OCD

● USGS

● SEO

● All Databases



Section Quarters

Oxy SMU #017

| | | | | |
|----------------------|-------------------------|----------------------|------------------------|---------------------|
| County Lea | Unit Letter G | Section 15 | Township 24S | Range 37E |
|----------------------|-------------------------|----------------------|------------------------|---------------------|

Trend Map <100'

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 | NW/SE | NE/SE |
| Unit Letter L | Unit Letter K | 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

-  Location
-  OCD
-  USGS
-  SEO
-  All Databases

Laboratory Analytical Results Summary
South Mattix Unit Federal #17

| Analyte | Method | Sample | | Date | mg/Kg | mg/Kg | mg/Kg |
|---------------|------------|----------|----------|---------|--------|---------|----------|
| | | SP1 @ 1' | SP1 @ 2' | | | | |
| Benzene | BTEX 8021B | <0.050 | n/a | 8/28/13 | <0.050 | 8/28/13 | SP1 @ 3' |
| Toluene | BTEX 8021B | <0.050 | n/a | | <0.050 | | |
| Ethylbenzene | BTEX 8021B | <0.050 | n/a | | <0.050 | | |
| Total Xylenes | BTEX 8021B | <0.150 | n/a | | <0.150 | | |
| Total BTEX | BTEX 8021B | <0.300 | n/a | | <0.300 | | |
| Chloride | SM4500Cl-B | 144 | 272 | | 16 | | |
| GRO | TPH 8015M | <10.0 | n/a | | <10.0 | | |
| DRO | TPH 8015M | <10.0 | n/a | | <10.0 | | |

| Analyte | Method | Sample | | Date | mg/Kg | mg/Kg | mg/Kg |
|---------------|------------|----------|----------|---------|--------|---------|----------|
| | | SP4 @ 1' | SP4 @ 3' | | | | |
| Benzene | BTEX 8021B | <0.050 | <0.050 | 8/29/13 | <0.050 | 8/29/13 | SP4 @ 5' |
| Toluene | BTEX 8021B | <0.050 | <0.050 | | <0.050 | | |
| Ethylbenzene | BTEX 8021B | <0.050 | <0.050 | | <0.050 | | |
| Total Xylenes | BTEX 8021B | <0.150 | <0.150 | | <0.150 | | |
| Total BTEX | BTEX 8021B | <0.300 | <0.300 | | <0.300 | | |
| Chloride | SM4500Cl-B | 6000 | 4480 | | 992 | | |
| GRO | TPH 8015M | <10.0 | <10.0 | | <10.0 | | |
| DRO | TPH 8015M | 28.1 | <10.0 | | <10.0 | | |

| Analyte | Method | Sample | | Date | mg/Kg | mg/Kg | mg/Kg |
|---------------|------------|----------|----------|---------|--------|---------|----------|
| | | SP2 @ 1' | SP2 @ 3' | | | | |
| Benzene | BTEX 8021B | <0.050 | <0.050 | 8/28/13 | <0.050 | 8/28/13 | SP2 @ 5' |
| Toluene | BTEX 8021B | <0.050 | <0.050 | | <0.050 | | |
| Ethylbenzene | BTEX 8021B | <0.050 | <0.050 | | <0.050 | | |
| Total Xylenes | BTEX 8021B | <0.150 | <0.150 | | <0.150 | | |
| Total BTEX | BTEX 8021B | <0.300 | <0.300 | | <0.300 | | |
| Chloride | SM4500Cl-B | 5120 | 4320 | | 816 | | |
| GRO | TPH 8015M | <10.0 | <10.0 | | <10.0 | | |
| DRO | TPH 8015M | 24.5 | <10.0 | | <10.0 | | |

| Analyte | Method | Sample | | Date | mg/Kg | mg/Kg | mg/Kg |
|---------------|------------|----------|----------|---------|--------|---------|----------|
| | | SP5 @ 1' | SP5 @ 3' | | | | |
| Benzene | BTEX 8021B | <0.050 | <0.050 | 8/29/13 | <0.050 | 8/29/13 | SP5 @ 5' |
| Toluene | BTEX 8021B | <0.050 | <0.050 | | <0.050 | | |
| Ethylbenzene | BTEX 8021B | <0.050 | <0.050 | | <0.050 | | |
| Total Xylenes | BTEX 8021B | <0.150 | <0.150 | | <0.150 | | |
| Total BTEX | BTEX 8021B | <0.300 | <0.300 | | <0.300 | | |
| Chloride | SM4500Cl-B | 6000 | 3340 | | 944 | | |
| GRO | TPH 8015M | <10.0 | <10.0 | | <10.0 | | |
| DRO | TPH 8015M | 24.9 | <10.0 | | <10.0 | | |

| Analyte | Method | Sample | | Date | mg/Kg | mg/Kg | mg/Kg |
|---------------|------------|----------|----------|---------|--------|---------|----------|
| | | SP3 @ 1' | SP3 @ 3' | | | | |
| Benzene | BTEX 8021B | <0.050 | <0.050 | 8/28/13 | <0.050 | 8/28/13 | SP3 @ 5' |
| Toluene | BTEX 8021B | <0.050 | <0.050 | | <0.050 | | |
| Ethylbenzene | BTEX 8021B | <0.050 | <0.050 | | <0.050 | | |
| Total Xylenes | BTEX 8021B | <0.150 | <0.150 | | <0.150 | | |
| Total BTEX | BTEX 8021B | <0.300 | <0.300 | | <0.300 | | |
| Chloride | SM4500Cl-B | 6320 | 4240 | | 976 | | |
| GRO | TPH 8015M | <10.0 | <10.0 | | <10.0 | | |
| DRO | TPH 8015M | 30.1 | <10.0 | | <10.0 | | |

September 11, 2013

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

RE: SOUTH MATTIX UNIT FED #017

Enclosed are the results of analyses for samples received by the laboratory on 09/04/13 16:50.

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,



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: | 09/04/2013 | Sampling Date: | 08/28/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 1 @ 1' (H302143-01)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 80.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 86.8 % 63.6-154

Sample ID: SP 1 @ 2' (H302143-02)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 272 | 16.0 | 09/06/2013 | ND | 416 | 104 | 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: | 09/04/2013 | Sampling Date: | 08/28/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 1 @ 3' (H302143-03)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 109 % 89.4-126

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 78.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 84.7 % 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: | 09/04/2013 | Sampling Date: | 08/28/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 2 @ 1' (H302143-04)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 5120 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | 24.5 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 90.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 96.6 % 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: | 09/04/2013 | Sampling Date: | 08/28/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 2 @ 3' (H302143-05)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 89.4-126

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4320 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 79.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 83.4 % 63.6-154

Sample ID: SP 2 @ 4' (H302143-06)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 816 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

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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: | 09/04/2013 | Sampling Date: | 08/28/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP2 @ 5' (H302143-07)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 77.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 81.6 % 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: | 09/04/2013 | Sampling Date: | 08/28/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 3 @ 1' (H302143-08)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 6320 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | 30.1 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 86.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.0 % 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: | 09/04/2013 | Sampling Date: | 08/28/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 3 @ 3' (H302143-09)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4240 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 80.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 87.1 % 63.6-154

Sample ID: SP 3 @ 4' (H302143-10)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 976 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

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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: | 09/04/2013 | Sampling Date: | 08/28/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 3 @ 5' (H302143-11)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 79.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 86.7 % 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: | 09/04/2013 | Sampling Date: | 08/29/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 4 @ 1' (H302143-12)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 6000 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | 28.1 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 85.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 93.2 % 63.6-154

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 09/04/2013 | Sampling Date: | 08/29/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 4 @ 3' (H302143-13)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4480 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 84.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 90.1 % 63.6-154

Sample ID: SP 4 @ 4' (H302143-14)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 992 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

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| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 09/04/2013 | Sampling Date: | 08/29/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 4 @ 5' (H302143-15)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 69.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 69.8 % 63.6-154

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 09/04/2013 | Sampling Date: | 08/29/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 5 @ 1' (H302143-16)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 6000 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | 24.9 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 84.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.0 % 63.6-154

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

| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 09/04/2013 | Sampling Date: | 08/29/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 5 @ 3' (H302143-17)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3340 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 83.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 91.0 % 63.6-154

Sample ID: SP 5 @ 4' (H302143-18)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 944 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

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 Cliff Brunson
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 Hobbs NM, 88241
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| | | | |
|-------------------|----------------------------|---------------------|---------------|
| Received: | 09/04/2013 | Sampling Date: | 08/29/2013 |
| Reported: | 09/11/2013 | Sampling Type: | Soil |
| Project Name: | SOUTH MATTIX UNIT FED #017 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 5 @ 5' (H302143-19)

| 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 | 09/09/2013 | ND | 2.11 | 106 | 2.00 | 7.67 | | |
| Toluene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.28 | 114 | 2.00 | 6.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/09/2013 | ND | 2.39 | 120 | 2.00 | 6.93 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/09/2013 | ND | 7.29 | 122 | 6.00 | 6.30 | | |
| Total BTEX | <0.300 | 0.300 | 09/09/2013 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 09/06/2013 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: AR | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 09/06/2013 | ND | 205 | 102 | 200 | 3.20 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/06/2013 | ND | 196 | 98.0 | 200 | 2.92 | | |

Surrogate: 1-Chlorooctane 78.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 82.8 % 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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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

ANALYSIS REQUEST

| | | | | | | | | | |
|---|-------------|-------------------|--------------|--------|---------|----------|---------|------|------------------|
| Company Name: BBC International, Inc. | | P.O. #: | | | | | | | |
| Project Manager: Cliff Brunson | | Company: | | | | | | | |
| Address: P.O. Box 805 | | Attn: | | | | | | | |
| City: Hobbs | | Address: | SAME | | | | | | |
| Phone #: 575-397-6388 | | City: | | | | | | | |
| Fax #: 575-397-0397 | | State: | | | | | | | |
| Project #: _____ | | Zip: | | | | | | | |
| Project Name: South Mattie Unit Rd #017 | | | | | | | | | |
| Project Location: _____ | | | | | | | | | |
| Sampler Name: _____ | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | PRESERV | SAMPLING | DATE | TIME | ANALYSIS REQUEST |
| H302143 | SP1 @ 1' | | 1 | ✓ | | | 8-28-13 | 1125 | ✓ |
| | SP2 @ 2' | | 1 | ✓ | | | 8-28-13 | 1148 | ✓ |
| | SP3 @ 3' | | 1 | ✓ | | | 8-28-13 | 1208 | ✓ |
| | SP2 @ 1' | | 1 | ✓ | | | 8-28-13 | 1234 | ✓ |
| | SP3 @ 1' | | 1 | ✓ | | | 8-28-13 | 108 | ✓ |
| | SP4 @ 4' | | 1 | ✓ | | | 8-28-13 | 117 | ✓ |
| | SP5 @ 5' | | 1 | ✓ | | | 8-28-13 | 124 | ✓ |
| | SP3 @ 1' | | 1 | ✓ | | | 8-28-13 | 159 | ✓ |
| | SP3 @ 3' | | 1 | ✓ | | | 8-28-13 | 225 | ✓ |
| | SP4 @ 4' | | 1 | ✓ | | | 8-28-13 | 237 | ✓ |

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Relinquished By: *Paul Henderson* Date: 9/4/13 Time: 5:06 PM Received By: *Paul Henderson* Date: 9/4/13 Time: 5:06 PM

Relinquished By: *Paul Henderson* Date: 9/4/13 Time: 4:50 PM Received By: *Paul Henderson* Date: 9/4/13 Time: 4:50 PM

Delivered By: (Circle One) UPS Bus Other: _____

Sample Condition: Cool Fridge Yes No

Checked By: *Paul Henderson*

REMARKS: _____

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

#54



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

| | | | | | | | | | | | | | | | | | | | |
|--|-------------|---------------------|--------------|------------------|---------|------|----------|-----|------|--|--|--|--|--|--|--|--|--|--|
| Company Name: BBC International, Inc. | | P.O. #: | | ANALYSIS REQUEST | | | | | | | | | | | | | | | |
| Project Manager: Cliff Brunson | | Company: | | | | | | | | | | | | | | | | | |
| Address: P.O. Box 805 | | City: Hobbs | | | | | | | | | | | | | | | | | |
| City: Hobbs | | State: NM | | Zip: 88241 | | | | | | | | | | | | | | | |
| Phone #: 575-397-6388 | | Fax #: 575-397-0397 | | Address: SAME | | | | | | | | | | | | | | | |
| Project #: | | Project Owner: OKY | | City: | | | | | | | | | | | | | | | |
| Project Name: SOUTH Matrix Lab FERT017 | | State: | | Zip: | | | | | | | | | | | | | | | |
| Project Location: Hwy # 128 | | Phone #: | | | | | | | | | | | | | | | | | |
| Sampler Name: Roger Hernandez | | Fax #: | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | PRESERV: | | SAMPLING | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | DATE | TIME | CHLORIDE | TPH | BTEX | | | | | | | | | | |
| A302143 | | | | | | | | | | | | | | | | | | | |
| 11 | SP3 @ 5' | | 1 | ✓ | 8-18-13 | 248 | ✓ | ✓ | ✓ | | | | | | | | | | |
| 12 | SP4 @ 1' | | 1 | ✓ | 8-18-13 | 115 | ✓ | ✓ | ✓ | | | | | | | | | | |
| 13 | SP4 @ 3' | | 1 | ✓ | 8-28-13 | 1246 | ✓ | ✓ | ✓ | | | | | | | | | | |
| 14 | @ 4' | | 1 | ✓ | 8-28-13 | 100 | ✓ | ✓ | ✓ | | | | | | | | | | |
| 15 | @ 5' | | 1 | ✓ | 8-28-13 | 108 | ✓ | ✓ | ✓ | | | | | | | | | | |
| 16 | SP5 @ 1' | | 1 | ✓ | 8-29-13 | 134 | ✓ | ✓ | ✓ | | | | | | | | | | |
| 17 | @ 3' | | 1 | ✓ | 8-29-13 | 107 | ✓ | ✓ | ✓ | | | | | | | | | | |
| 18 | @ 4' | | 1 | ✓ | 8-19-13 | 212 | ✓ | ✓ | ✓ | | | | | | | | | | |
| 19 | @ 5' | | 1 | ✓ | 8-19-13 | 219 | ✓ | ✓ | ✓ | | | | | | | | | | |

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Relinquished By: *[Signature]* Date: 8-1-13 Time: 5:00 PM
 Received By: *[Signature]*
 Relinquished By: *[Signature]* Date: 9-4-13 Time: 9:45
 Received By: *[Signature]*
 Delivered By: (Circle One) UPS Bus Other: *10*
 Sample Condition: Cool Ambient
 Contact Person: *[Signature]* Phone: *[Blank]*
 Checkered By: *[Signature]* (Initials) *[Blank]*
 Remarks: *#54*

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