



[Dakota Neel]
[HSE Coordinator]

April 14, 2019

Bradford Billings
Oil Conservation Division
1220 S. St Francis Dr. #3
Santa Fe, NM 87505

Ryan Mann
New Mexico State Land Office
2827 N. Dal Paso Suite 117
Hobbs, NM 88240

**Re: Closure Request
Cockatoo State Battery
RP#: 2RP-4641
Unit Letter K, Section 27, Township 17S, Range 28E
Eddy County, NM**

Mr. Billings/Mr. Mann,

COG Operating, LLC (COG) is pleased to submit the following closure report for the Cockatoo State Battery. This release occurred on February 28, 2018. Following the release an assessment of impacted soils was conducted. A remediation work plan was submitted to and subsequently approved by the New Mexico Oil Conservation Division (NMOCD) and New Mexico State Land Office (NMSLO)

BACKGROUND

This release was caused by a 3rd party truck driver when he unknowingly equalized the fluid levels at the facility into a tank that was out of service. This resulted in the release of approximately twenty-one (21) barrels (bbls) of oil with approximately twenty (20) bbls of oil recovered.

Remediation activities were conducted in accordance with the approved work plan and NMSLO stipulations.

April 14, 2019

CONFIRMATION SOIL SAMPLING RESULTS

| Cockatoo State Battery | | | | | |
|------------------------|-----------|-------------------|------------------|---------------|--------------|
| Sample ID | Date | Chloride mg/Kg | Benzene mg/Kg | BTEX mg/Kg | TPH mg/Kg |
| BTTM-1 3' | 9/11/2018 | - | - | - | <10.0 |
| N. SW | 9/4/2018 | 208 | <0.050 | <0.300 | 18.2 |
| S. SW | 9/4/2018 | 240 | <0.050 | <0.300 | <10.0 |
| E. SW | 9/4/2018 | 560 | <0.050 | <0.300 | <10.0 |
| W. SW | 9/4/2018 | 192 | <0.050 | <0.300 | <10.0 |

REMEDIAL ACTIONS

- The impacted area was excavated to a depth of three (3) feet below ground surface.
- Confirmation bottom and sidewall samples were collected from the excavation per NMSLO stipulations.
- The excavation was backfilled with clean “like” material, and contoured to match the surrounding terrain. The site will be mechanically seeded using the NMSLO preferred seed mixture.

Should you have any questions or concerns please do not hesitate to contact me.

Sincerely,



Dakota Neel
HSE Coordinator
dneel2@concho.com

April 14, 2019

Enclosed:

Appendix I: Site Diagram

Appendix II: Final C-141

Appendix III: Initial C-141 (Copy)

Appendix IV: Approved Work plan

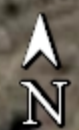
Appendix V: Confirmation Analytical Report

APPENDIX I

Cockatoo State Battery

2/28/2018
2RP-4641

- AOI
- Sample Points



70 ft

APPENDIX II

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

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

Form C-141
Revised April 3, 2017
Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

| | |
|------------------------------------------------------------|--------------------------------------------|
| Name of Company: COG Operating, LLC (OGRID# 229137) | Contact: Robert McNeill |
| Address: 600 West Illinois Avenue, Midland TX 79701 | Telephone No.: 432-683-7443 |
| Facility Name: Cockatoo State Battery | Facility Type: Central Tank Battery |
| Surface Owner: State | Mineral Owner: State |
| API No.: | |

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|---------------|-----------------|--------------|---------------|------------------|---------------|----------------|----------------|
| Unit Letter K | Section 27 | Township 17S | Range 28E | Feet from the | North/South Line | Feet from the | East/West Line | County Eddy |
|------------------|---------------|-----------------|--------------|---------------|------------------|---------------|----------------|----------------|

Latitude: 32.801230 Longitude: -104.165441 NAD83

NATURE OF RELEASE

| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|
| Type of Release: Oil | Volume of Release: 21bbls | Volume Recovered: 20bbls |
| Source of Release: Tank | Date and Hour of Occurrence: 2/28/2018 10:30am | Date and Hour of Discovery: 2/28/2018 10:30am |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom? | |
| By Whom? | Date and Hour: | |
| 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.*

A third party truck driver equalized the tanks at this battery due to human error. The manway on the western tank was not sealed because it was being prepared for removal. When the tanks equalized the fluid escaped from the manway of the western tank.

Describe Area Affected and Cleanup Action Taken.*

All of the fluid remained inside of the unlined battery. A vacuum truck was dispatched to recover all freestanding fluids. Remediation activities have been completed in accordance to the NMOCD approved work plan.

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

| | | |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------|
| Signature:  | OIL CONSERVATION DIVISION | |
| | Approved by Environmental Specialist:  | |
| Printed Name: Dakota Neel | Approval Date: 11/22/2022 | Expiration Date: |
| Title: HSE Coordinator | Conditions of Approval: | |
| E-mail Address: dneel2@concho.com | Attached <input type="checkbox"/> | |
| Date: 4/14/2019 | Phone: 575-746-2010 | |

* Attach Additional Sheets If Necessary

APPENDIX III

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
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1000 Rio Brazos Road, Aztec, NM 87410
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State of New Mexico
Energy Minerals and Natural Resources
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1220 South St. Francis Dr.
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Form C-141
Revised April 3, 2017
Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

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|------------------------------------------------------------|--------------------------------------------|
| Name of Company: COG Operating, LLC (OGRID# 229137) | Contact: Robert McNeill |
| Address: 600 West Illinois Avenue, Midland TX 79701 | Telephone No.: 432-683-7443 |
| Facility Name: Cockatoo State Battery | Facility Type: Central Tank Battery |
| Surface Owner: State | Mineral Owner: State |
| API No.: | |

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|---------------|-----------------|--------------|---------------|------------------|---------------|----------------|----------------|
| Unit Letter K | Section 27 | Township 17S | Range 28E | Feet from the | North/South Line | Feet from the | East/West Line | County Eddy |
|------------------|---------------|-----------------|--------------|---------------|------------------|---------------|----------------|----------------|

Latitude: 32.801230 Longitude: -104.165441 NAD83

NATURE OF RELEASE

| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|
| Type of Release: Oil | Volume of Release: 21bbls | Volume Recovered: 20bbls |
| Source of Release: Tank | Date and Hour of Occurrence: 2/28/2018 10:30am | Date and Hour of Discovery: 2/28/2018 10:30am |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom? | |
| By Whom? | Date and Hour: | |
| 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.* | | |
| A third party truck driver equalized the tanks at this battery due to human error. The manway on the western tank was not sealed because it was being prepared for removal. When the tanks equalized the fluid escaped from the manway of the western tank. | | |
| Describe Area Affected and Cleanup Action Taken.* | | |
| All of the fluid remained inside of the unlined battery. A vacuum truck was dispatched to recover all freestanding fluids. Concho will have the spill area evaluated for any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation activities. | | |
| 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: <i>Sheldon Hitchcock</i> | | OIL CONSERVATION DIVISION |
| Printed Name: Sheldon L. Hitchcock | | Approved by Environmental Specialist: |
| Title: HSE Coordinator | Approval Date: | Expiration Date: |
| E-mail Address: slhitchcock@concho.com | Conditions of Approval: | |
| Date: 3/2/2018 | Phone: 575-746-2010 | Attached <input type="checkbox"/> |

* Attach Additional Sheets If Necessary

APPENDIX IV



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

DELINEATION WORKPLAN

COG – COCKATOO STATE BATTERY

(Leak Date: 2/28/18)

RP # 2RP-4641

This delineation workplan and remediation proposal addresses the release associated with RP # 2RP-4641.

The following information includes:

1. Scaled digital site map with spill area demarcated and leak point identified along with sample point locations and areas of remediation at appropriate depths.
2. GPS information for sample points and sample methodology
3. Depth to groundwater information (i.e., pdf of OSE search results and/or copy of Chevron groundwater trend map).
4. Laboratory analysis results summary table and original laboratory analysis reports
5. A copy of the initial C-141
6. Potentially other pertinent information as necessary for site specific purposes.

Based on the information included in this package and the NMOCD guidelines, the following remediation is proposed:

COG will excavate the spill area as depicted on the following site diagram. The entire leak area (red shade on diagram) will be excavated to a depth of 2 feet.

The entire site will then be backfilled with clean soil and revegetated (if warranted) to the standards of the appropriate regulatory agency or private surface owner.

All excavated materials will be disposed of at an NMOCD-approved disposal facility.

COG, Cockatoo State Battery

Leak date: 02/28/2018
Eddy County, NM
2RP-4641

Legend

- ☆ Cardinal sample points
- 📌 Cockatoo State Battery
- 🔴 Impacted Area, 2 ft Excavation
- 🕒 Sample points



COG, Cockatoo State Battery

Sample points

SP1, N 32.80126 W-104.16556

SP2, N 32.80122 W-104.16552

SP3, N 32.80126 W-104.16545

SP4, N 32.80122 W-104.16539

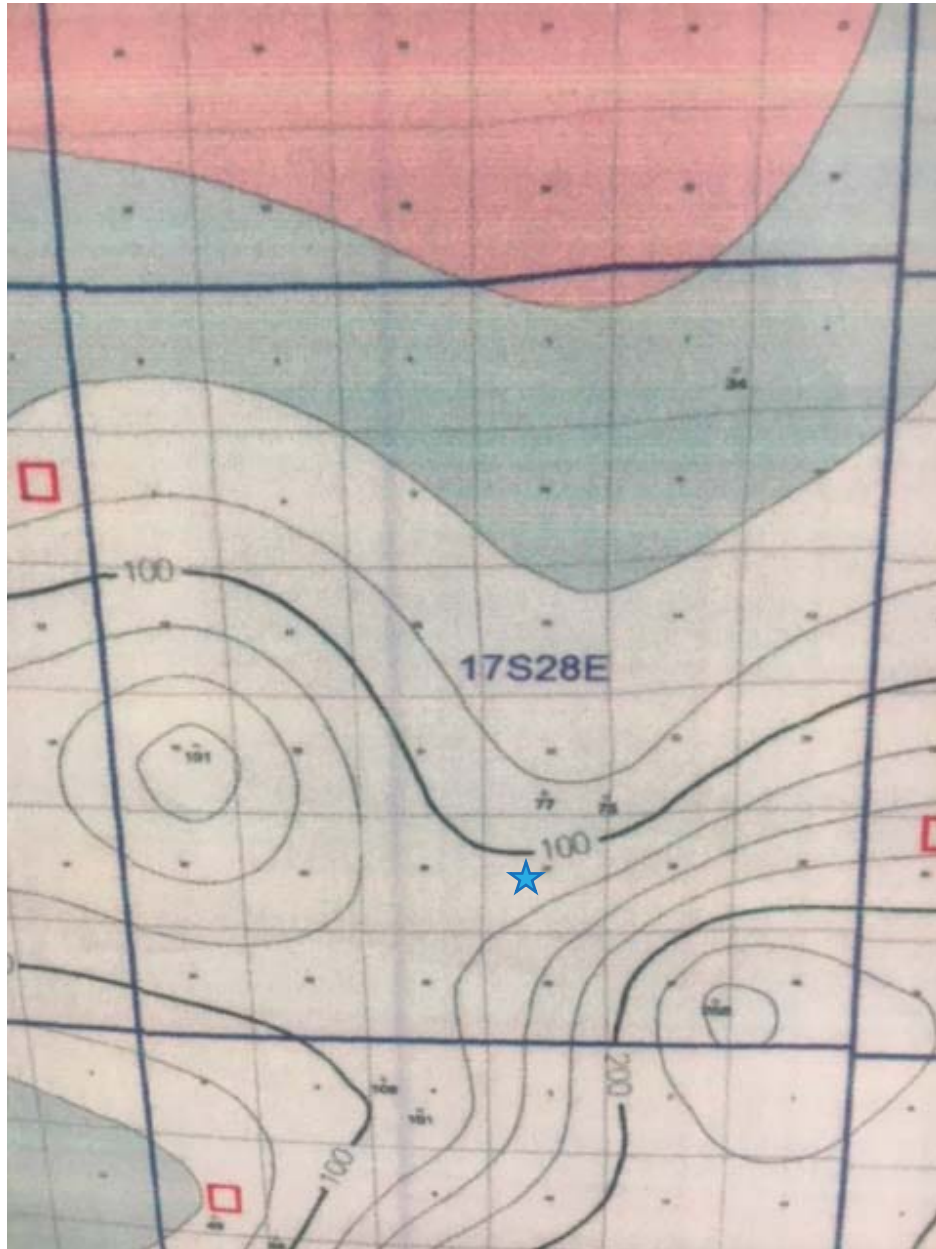
NORTH, N 32.80128 W-104.16547

SOUTH, N 32.80118 W-104.16547

EAST, N 32.80122 W-104.16533

WEST, N 32.80123 W-104.16559

COG, Cockatoo State Battery
U/L K, Section 27, T17S, R28E
Groundwater: 100'-125'





New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 578072

Northing (Y): 3629848

Radius: 1700

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/16/18 10:54 AM

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Public Land Survey System (PLSS)

☒ Q64: Q16: NE Q4: SW Sec: 27 Tws: 17S Rng: 28E

State Plane Coordinate System - NAD27

☐ X: 0 ft Y: 0 ft Zone:

State Plane Coordinate System - NAD83

☐ X: 0 ft Y: 0 ft Zone:

Degrees/Minutes/Seconds

☐ Longitude (X): Degrees: 0 ° Minutes: 0 ' Seconds: 0 "

Latitude (Y): Degrees: 0 ° Minutes: 0 ' Seconds: 0 "

UTM - NAD27

☐ Easting (X): 0 mtrs Northing (Y): 0 mtrs Zone:

SUBMIT**All Conversion Results are displayed as NAD 1983 UTM Zone 13**Easting (X): 578072.0 mtrsNorthing (Y): 3629848.0 mtrs**~~ Please keep screen open to copy UTM values for Reports. ~~**

Laboratory Analytical Results Summary
Cockatoo State Battery

| | | Sample ID | SP1 @ SURFACE | SP1 @ 1' | SP1 @ 2' | SP1 @ 3' | SP1 @ 4' |
|---------------|------------|-----------|------------------|----------|----------|----------|----------|
| Analyte | Method | Date | 5/1/18 | 5/1/18 | 5/1/18 | 5/1/18 | 5/1/18 |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| Benzene | BTEX 8021B | | <0.500 | <0.200 | <0.050 | <0.050 | <0.050 |
| Toluene | BTEX 8021B | | 3.53 | 0.94 | <0.050 | <0.050 | <0.050 |
| Ethylbenzene | BTEX 8021B | | 20.2 | 12.1 | <0.050 | <0.050 | <0.050 |
| Total Xylenes | BTEX 8021B | | 29 | 20.7 | <0.150 | <0.150 | <0.150 |
| Total BTEX | BTEX 8021B | | 52.7 | 33.8 | <0.300 | <0.300 | <0.300 |
| Chloride | SM4500Cl-B | | 112 | 32 | 64 | 48 | 64 |
| GRO | TPH 8015B | | 890 | 721 | <10.0 | <10.0 | <10.0 |
| DRO | TPH 8015B | | 29000 | 11300 | 82.1 | <10.0 | <10.0 |
| EXT DRO | TPH 8015B | | 6490 | 1960 | 18 | <10.0 | <10.0 |

| | | Sample ID | SP2 @ SURFACE | SP2 @ 1' | SP2 @ 2' | SP2 @ 3' | SP2 @ 4' |
|---------------|------------|-----------|------------------|----------|----------|----------|----------|
| Analyte | Method | Date | 5/1/18 | 5/1/18 | 5/1/18 | 5/1/18 | 5/1/18 |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| Benzene | BTEX 8021B | | <0.200 | <0.200 | <0.050 | <0.050 | <0.050 |
| Toluene | BTEX 8021B | | 6.27 | 0.41 | <0.050 | <0.050 | <0.050 |
| Ethylbenzene | BTEX 8021B | | 33.6 | 4.67 | <0.050 | <0.050 | <0.050 |
| Total Xylenes | BTEX 8021B | | 47.6 | 8.28 | <0.150 | <0.150 | <0.150 |
| Total BTEX | BTEX 8021B | | 87.5 | 13.4 | <0.300 | <0.300 | <0.300 |
| Chloride | SM4500Cl-B | | 80 | 48 | 80 | 16 | 64 |
| GRO | TPH 8015B | | 1270 | 368 | <10.0 | <10.0 | <10.0 |
| DRO | TPH 8015B | | 32800 | 7420 | 143 | <10.0 | <10.0 |
| EXT DRO | TPH 8015B | | 6910 | 1390 | 28.1 | <10.0 | <10.0 |

| | | Sample ID | SP3 @ SURFACE | SP3 @ 1' | SP3 @ 2' | SP3 @ 3' | SP3 @ 4' | SP3 @ 5' | SP3 @ 6' |
|---------------|------------|-----------|------------------|----------|----------|----------|----------|----------|----------|
| Analyte | Method | Date | 5/2/18 | 5/2/18 | 5/2/18 | 5/2/18 | 5/2/18 | 5/2/18 | 5/2/18 |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| Benzene | BTEX 8021B | | <0.050 | <0.500 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |
| Toluene | BTEX 8021B | | 0.085 | <0.500 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |
| Ethylbenzene | BTEX 8021B | | 0.513 | 5.37 | <0.050 | 0.475 | <0.050 | <0.050 | <0.050 |
| Total Xylenes | BTEX 8021B | | 1.25 | 19 | 0.0306 | 0.777 | <0.150 | <0.150 | <0.150 |
| Total BTEX | BTEX 8021B | | 1.85 | 24.3 | 0.306 | 1.25 | <0.300 | <0.300 | <0.300 |
| Chloride | SM4500Cl-B | | 20400 | 48 | 80 | 160 | 144 | 128 | 48 |
| GRO | TPH 8015B | | <100 | 585 | 30.6 | 58.2 | <10.0 | <10.0 | <10.0 |
| DRO | TPH 8015B | | 16100 | 7990 | 1270 | 3190 | 11.2 | <10.0 | <10.0 |
| EXT DRO | TPH 8015B | | 4400 | 1410 | 364 | 629 | 11.6 | <10.0 | <10.0 |

| | | Sample ID | SP4 @ SURFACE | SP4 @ 1' | SP4 @ 2' | SP4 @ 3' | SP4 @ 4' | SP4 @ 5' | SP4 @ 6' |
|---------------|------------|-----------|------------------|----------|----------|----------|----------|----------|----------|
| Analyte | Method | Date | 5/2/18 | 5/2/18 | 5/2/18 | 5/2/18 | 5/2/18 | 5/2/18 | 5/2/18 |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| Benzene | BTEX 8021B | | <0.100 | <0.200 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |
| Toluene | BTEX 8021B | | 0.142 | 0.565 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |
| Ethylbenzene | BTEX 8021B | | 1.05 | 5.68 | 0.058 | 0.206 | <0.050 | <0.050 | <0.050 |
| Total Xylenes | BTEX 8021B | | 2.28 | 15.6 | <0.150 | 0.304 | <0.150 | <0.150 | <0.150 |
| Total BTEX | BTEX 8021B | | 3.47 | 21.8 | <0.300 | 0.51 | <0.300 | <0.300 | <0.300 |
| Chloride | SM4500Cl-B | | 22400 | 32 | 112 | 112 | 144 | 144 | 32 |
| GRO | TPH 8015B | | <100 | 452 | 23.8 | 32.5 | <10.0 | <10.0 | <10.0 |
| DRO | TPH 8015B | | 13800 | 7030 | 1330 | 2240 | <10.0 | <10.0 | <10.0 |
| EXT DRO | TPH 8015B | | 3550 | 1380 | 360 | 459 | <10.0 | <10.0 | <10.0 |

| | | Sample ID | NORTH @ SURFACE |
|---------------|------------|-----------|--------------------|
| Analyte | Method | Date | 5/2/18 |
| | | | mg/kg |
| Benzene | BTEX 8021B | | <0.050 |
| Toluene | BTEX 8021B | | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 |
| Chloride | SM4500Cl-B | | 80 |
| GRO | TPH 8015B | | <10.0 |
| DRO | TPH 8015B | | <10.0 |
| EXT DRO | TPH 8015B | | <10.0 |

| | | Sample ID | EAST @ SURFACE |
|---------------|------------|-----------|-------------------|
| Analyte | Method | Date | 5/2/18 |
| | | | mg/kg |
| Benzene | BTEX 8021B | | <0.050 |
| Toluene | BTEX 8021B | | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 |
| Chloride | SM4500Cl-B | | 128 |
| GRO | TPH 8015B | | <10.0 |
| DRO | TPH 8015B | | <10.0 |
| EXT DRO | TPH 8015B | | <10.0 |

| | | Sample ID | WEST @ SURFACE |
|---------------|------------|-----------|-------------------|
| Analyte | Method | Date | 5/2/18 |
| | | | mg/kg |
| Benzene | BTEX 8021B | | <0.050 |
| Toluene | BTEX 8021B | | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 |
| Chloride | SM4500Cl-B | | 112 |
| GRO | TPH 8015B | | <10.0 |
| DRO | TPH 8015B | | <10.0 |
| EXT DRO | TPH 8015B | | <10.0 |

| | | Sample ID | SOUTH @ SURFACE |
|---------------|------------|-----------|--------------------|
| Analyte | Method | Date | 5/2/18 |
| | | | mg/kg |
| Benzene | BTEX 8021B | | <0.050 |
| Toluene | BTEX 8021B | | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 |
| Chloride | SM4500Cl-B | | 80 |
| GRO | TPH 8015B | | <10.0 |
| DRO | TPH 8015B | | <10.0 |
| EXT DRO | TPH 8015B | | <10.0 |

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

May 15, 2018

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: COCKATOO STATE BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/08/18 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. 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 | Total Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

| | |
|------------------|-------------------------------------------------|
| Method SM 9223-B | Total Coliform and E. coli (Colilert MMO-MUG) |
| Method EPA 524.2 | Regulated VOCs and Total Trihalomethanes (TTHM) |
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5) |

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|----------------|---------------|--------|-----------------|-----------------|
| SP 1 @ SURFACE | H801279-01 | Soil | 01-May-18 11:11 | 08-May-18 16:20 |
| SP 1 @ 1 | H801279-02 | Soil | 01-May-18 11:22 | 08-May-18 16:20 |
| SP 1 @ 2 | H801279-03 | Soil | 01-May-18 11:33 | 08-May-18 16:20 |
| SP 1 @ 3 | H801279-04 | Soil | 01-May-18 11:50 | 08-May-18 16:20 |
| SP 1 @ 4 | H801279-05 | Soil | 01-May-18 12:12 | 08-May-18 16:20 |
| SP 2 @ SURFACE | H801279-06 | Soil | 01-May-18 13:33 | 08-May-18 16:20 |
| SP 2 @ 1 | H801279-07 | Soil | 01-May-18 13:55 | 08-May-18 16:20 |
| SP 2 @ 2 | H801279-08 | Soil | 01-May-18 14:16 | 08-May-18 16:20 |
| SP 2 @ 3 | H801279-09 | Soil | 01-May-18 14:33 | 08-May-18 16:20 |
| SP 2 @ 4 | H801279-10 | Soil | 01-May-18 14:45 | 08-May-18 16:20 |
| SP 3 @ SURFACE | H801279-11 | Soil | 02-May-18 08:45 | 08-May-18 16:20 |
| SP 3 @ 1 | H801279-12 | Soil | 02-May-18 09:11 | 08-May-18 16:20 |
| SP 3 @ 2 | H801279-13 | Soil | 02-May-18 09:22 | 08-May-18 16:20 |
| SP 3 @ 3 | H801279-14 | Soil | 02-May-18 09:40 | 08-May-18 16:20 |
| SP 3 @ 4 | H801279-15 | Soil | 02-May-18 10:15 | 08-May-18 16:20 |
| SP 3 @ 5 | H801279-16 | Soil | 02-May-18 10:38 | 08-May-18 16:20 |
| SP 3 @ 6 | H801279-17 | Soil | 02-May-18 11:11 | 08-May-18 16:20 |
| SP 4 @ SURFACE | H801279-18 | Soil | 02-May-18 11:30 | 08-May-18 16:20 |
| SP 4 @ 1 | H801279-19 | Soil | 02-May-18 11:40 | 08-May-18 16:20 |
| SP 4 @ 2 | H801279-20 | Soil | 02-May-18 11:58 | 08-May-18 16:20 |
| SP 4 @ 3 | H801279-21 | Soil | 02-May-18 13:11 | 08-May-18 16:20 |
| SP 4 @ 4 | H801279-22 | Soil | 02-May-18 13:22 | 08-May-18 16:20 |
| SP 4 @ 5 | H801279-23 | Soil | 02-May-18 13:44 | 08-May-18 16:20 |
| SP 4 @ 6 | H801279-24 | Soil | 02-May-18 14:15 | 08-May-18 16:20 |
| SP N @ SURFACE | H801279-25 | Soil | 02-May-18 14:30 | 08-May-18 16:20 |
| SP E @ SURFACE | H801279-26 | Soil | 02-May-18 14:40 | 08-May-18 16:20 |
| SP W @ SURFACE | H801279-27 | Soil | 02-May-18 14:50 | 08-May-18 16:20 |

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397Reported:
15-May-18 17:05

SP S @ SURFACE

H801279-28

Soil

02-May-18 15:03

08-May-18 16:20

TPH and BTEX added to work order on all samples not already run for TPH and BTEX as per Kathy with BBC on 05/14/18.
This report, H801279R BBC, is a revised report replacing the previous report, H801279 BBC, sent on 05/14/18.

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 1 @ SURFACE
H801279-01 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 112 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|-----|---------|----|-----------|-------|--|
| Benzene* | <0.500 | | 0.500 | mg/kg | 500 | 8050901 | MS | 10-May-18 | 8021B | |
| Toluene* | 3.53 | | 0.500 | mg/kg | 500 | 8050901 | MS | 10-May-18 | 8021B | |
| Ethylbenzene* | 20.2 | | 0.500 | mg/kg | 500 | 8050901 | MS | 10-May-18 | 8021B | |
| Total Xylenes* | 29.0 | | 1.50 | mg/kg | 500 | 8050901 | MS | 10-May-18 | 8021B | |
| Total BTEX | 52.7 | | 3.00 | mg/kg | 500 | 8050901 | MS | 10-May-18 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 72-148 8050901 MS 10-May-18 8021B

Petroleum Hydrocarbons by GC FID**S-06**

| | | | | | | | | | | |
|------------------|-------|--|-----|-------|----|---------|----|-----------|-------|--|
| GRO C6-C10* | 890 | | 100 | mg/kg | 10 | 8050902 | MS | 10-May-18 | 8015B | |
| DRO >C10-C28* | 29000 | | 100 | mg/kg | 10 | 8050902 | MS | 10-May-18 | 8015B | |
| EXT DRO >C28-C36 | 6490 | | 100 | mg/kg | 10 | 8050902 | MS | 10-May-18 | 8015B | |

Surrogate: 1-Chlorooctane 213 % 41-142 8050902 MS 10-May-18 8015B

Surrogate: 1-Chlorooctadecane 506 % 37.6-147 8050902 MS 10-May-18 8015B

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 1 @ 1
H801279-02 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 32.0 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------------|--|-------|-------|-----|---------|----|-----------|-------|--|
| Benzene* | <0.200 | | 0.200 | mg/kg | 200 | 8050901 | MS | 10-May-18 | 8021B | |
| Toluene* | 0.940 | | 0.200 | mg/kg | 200 | 8050901 | MS | 10-May-18 | 8021B | |
| Ethylbenzene* | 12.1 | | 0.200 | mg/kg | 200 | 8050901 | MS | 10-May-18 | 8021B | |
| Total Xylenes* | 20.7 | | 0.600 | mg/kg | 200 | 8050901 | MS | 10-May-18 | 8021B | |
| Total BTEX | 33.8 | | 1.20 | mg/kg | 200 | 8050901 | MS | 10-May-18 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 147 % 72-148 8050901 MS 10-May-18 8021B

Petroleum Hydrocarbons by GC FID**S-06**

| | | | | | | | | | | |
|------------------|--------------|--|-----|-------|----|---------|----|-----------|-------|--------------|
| GRO C6-C10* | 721 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |
| DRO >C10-C28* | 11300 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | QM-07, QR-03 |
| EXT DRO >C28-C36 | 1960 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |

Surrogate: 1-Chlorooctane 189 % 41-142 8051002 MS 10-May-18 8015B

Surrogate: 1-Chlorooctadecane 204 % 37.6-147 8051002 MS 10-May-18 8015B

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 1 @ 2
H801279-03 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 64.0 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|-------|--|--------|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 102 % | | 72-148 | 8051408 | MS | 14-May-18 | 8021B | |
|---------------------------------------|--|--|-------|--|--------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| DRO >C10-C28* | 82.1 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| EXT DRO >C28-C36 | 18.0 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 91.9 % | | 41-142 | 8051501 | MS | 15-May-18 | 8015B | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 101 % | | 37.6-147 | 8051501 | MS | 15-May-18 | 8015B | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 1 @ 3
H801279-04 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 48.0 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |

| | | | | | | | | | | |
|----------------------------------------------|--|--|-------|--|--------|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 100 % | | 72-148 | 8051408 | MS | 14-May-18 | 8021B | |
|----------------------------------------------|--|--|-------|--|--------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 92.0 % | | 41-142 | 8051501 | MS | 15-May-18 | 8015B | |
|----------------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 87.9 % | | 37.6-147 | 8051501 | MS | 15-May-18 | 8015B | |
|--------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 1 @ 4
H801279-05 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 64.0 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |

| | | | | | | | | | | |
|----------------------------------------------|--|--|-------|--|--------|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 101 % | | 72-148 | 8051408 | MS | 14-May-18 | 8021B | |
|----------------------------------------------|--|--|-------|--|--------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 91.2 % | | 41-142 | 8051501 | MS | 15-May-18 | 8015B | |
|----------------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 86.9 % | | 37.6-147 | 8051501 | MS | 15-May-18 | 8015B | |
|--------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 2 @ SURFACE**H801279-06 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 80.0 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|-----|---------|----|-----------|-------|--|
| Benzene* | <0.200 | | 0.200 | mg/kg | 200 | 8050901 | MS | 10-May-18 | 8021B | |
| Toluene* | 6.27 | | 0.200 | mg/kg | 200 | 8050901 | MS | 10-May-18 | 8021B | |
| Ethylbenzene* | 33.6 | | 0.200 | mg/kg | 200 | 8050901 | MS | 10-May-18 | 8021B | |
| Total Xylenes* | 47.6 | | 0.600 | mg/kg | 200 | 8050901 | MS | 10-May-18 | 8021B | |
| Total BTEX | 87.5 | | 1.20 | mg/kg | 200 | 8050901 | MS | 10-May-18 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 140 % 72-148 8050901 MS 10-May-18 8021B

Petroleum Hydrocarbons by GC FID**S-06**

| | | | | | | | | | | |
|----------------------------|--------------|--|-----|-------|----|---------|----|-----------|-------|--|
| GRO C6-C10* | 1270 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |
| DRO >C10-C28* | 32800 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |
| EXT DRO >C28-C36 | 6910 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |

Surrogate: 1-Chlorooctane 256 % 41-142 8051002 MS 10-May-18 8015B

Surrogate: 1-Chlorooctadecane 2130 % 37.6-147 8051002 MS 10-May-18 8015B

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 2 @ 1
H801279-07 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 48.0 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------------|--|-------|-------|-----|---------|----|-----------|-------|--|
| Benzene* | <0.200 | | 0.200 | mg/kg | 200 | 8051003 | MS | 10-May-18 | 8021B | |
| Toluene* | 0.410 | | 0.200 | mg/kg | 200 | 8051003 | MS | 10-May-18 | 8021B | |
| Ethylbenzene* | 4.67 | | 0.200 | mg/kg | 200 | 8051003 | MS | 10-May-18 | 8021B | |
| Total Xylenes* | 8.28 | | 0.600 | mg/kg | 200 | 8051003 | MS | 10-May-18 | 8021B | |
| Total BTEX | 13.4 | | 1.20 | mg/kg | 200 | 8051003 | MS | 10-May-18 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 121 % 72-148 8051003 MS 10-May-18 8021B

Petroleum Hydrocarbons by GC FID**S-06**

| | | | | | | | | | | |
|----------------------------|-------------|--|-----|-------|----|---------|----|-----------|-------|--|
| GRO C6-C10* | 368 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |
| DRO >C10-C28* | 7420 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |
| EXT DRO >C28-C36 | 1390 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |

Surrogate: 1-Chlorooctane 141 % 41-142 8051002 MS 10-May-18 8015B

Surrogate: 1-Chlorooctadecane 175 % 37.6-147 8051002 MS 10-May-18 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 2 @ 2**H801279-08 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 80.0 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Toluene* | <0.050 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Ethylbenzene* | <0.050 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total Xylenes* | <0.150 | 0.150 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total BTEX | <0.300 | 0.300 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |

| | | | | | | |
|---------------------------------------|-------|--------|---------|----|-----------|-------|
| Surrogate: 4-Bromofluorobenzene (PID) | 101 % | 72-148 | 8051408 | MS | 14-May-18 | 8021B |
|---------------------------------------|-------|--------|---------|----|-----------|-------|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | |
|------------------|-------|------|-------|---|---------|----|-----------|-------|
| GRO C6-C10* | <10.0 | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B |
| DRO >C10-C28* | 143 | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B |
| EXT DRO >C28-C36 | 28.1 | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B |

| | | | | | | |
|---------------------------|--------|--------|---------|----|-----------|-------|
| Surrogate: 1-Chlorooctane | 98.1 % | 41-142 | 8051501 | MS | 15-May-18 | 8015B |
|---------------------------|--------|--------|---------|----|-----------|-------|

| | | | | | | |
|-------------------------------|-------|----------|---------|----|-----------|-------|
| Surrogate: 1-Chlorooctadecane | 110 % | 37.6-147 | 8051501 | MS | 15-May-18 | 8015B |
|-------------------------------|-------|----------|---------|----|-----------|-------|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 2 @ 3
H801279-09 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 16.0 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |

| | | | | | | | | | | |
|----------------------------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 102 % | 72-148 | | 8051408 | MS | 14-May-18 | 8021B | |
|----------------------------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|--------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 90.3 % | 41-142 | | 8051501 | MS | 15-May-18 | 8015B | |
|----------------------------------|--|--|--------|--------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 92.9 % | 37.6-147 | | 8051501 | MS | 15-May-18 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 2 @ 4
H801279-10 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 64.0 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |

| | | | | | | | | | | |
|----------------------------------------------|--|--|-------|--|--------|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 101 % | | 72-148 | 8051408 | MS | 14-May-18 | 8021B | |
|----------------------------------------------|--|--|-------|--|--------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 88.9 % | | 41-142 | 8051501 | MS | 15-May-18 | 8015B | |
|----------------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 92.9 % | | 37.6-147 | 8051501 | MS | 15-May-18 | 8015B | |
|--------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 3 @ SURFACE**H801279-11 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|--------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 20400 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|--------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051003 | MS | 11-May-18 | 8021B | |
| Toluene* | 0.085 | | 0.050 | mg/kg | 50 | 8051003 | MS | 11-May-18 | 8021B | |
| Ethylbenzene* | 0.513 | | 0.050 | mg/kg | 50 | 8051003 | MS | 11-May-18 | 8021B | |
| Total Xylenes* | 1.25 | | 0.150 | mg/kg | 50 | 8051003 | MS | 11-May-18 | 8021B | |
| Total BTEX | 1.85 | | 0.300 | mg/kg | 50 | 8051003 | MS | 11-May-18 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 72-148 8051003 MS 11-May-18 8021B

Petroleum Hydrocarbons by GC FID**S-06**

| | | | | | | | | | | |
|------------------|--------------|--|-----|-------|----|---------|----|-----------|-------|--|
| GRO C6-C10* | <100 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |
| DRO >C10-C28* | 16100 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |
| EXT DRO >C28-C36 | 4400 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |

Surrogate: 1-Chlorooctane 85.0 % 41-142 8051002 MS 10-May-18 8015B

Surrogate: 1-Chlorooctadecane 340 % 37.6-147 8051002 MS 10-May-18 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 3 @ 1
H801279-12 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 48.0 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|-----------------------|-------------|--|-------|-------|-----|---------|----|-----------|-------|--|
| Benzene* | <0.500 | | 0.500 | mg/kg | 500 | 8051003 | MS | 10-May-18 | 8021B | |
| Toluene* | <0.500 | | 0.500 | mg/kg | 500 | 8051003 | MS | 10-May-18 | 8021B | |
| Ethylbenzene* | 5.37 | | 0.500 | mg/kg | 500 | 8051003 | MS | 10-May-18 | 8021B | |
| Total Xylenes* | 19.0 | | 1.50 | mg/kg | 500 | 8051003 | MS | 10-May-18 | 8021B | |
| Total BTEX | 24.3 | | 3.00 | mg/kg | 500 | 8051003 | MS | 10-May-18 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 122 % 72-148 8051003 MS 10-May-18 8021B

Petroleum Hydrocarbons by GC FID**S-06**

| | | | | | | | | | | |
|----------------------------|-------------|--|-----|-------|----|---------|----|-----------|-------|--|
| GRO C6-C10* | 585 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |
| DRO >C10-C28* | 7990 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |
| EXT DRO >C28-C36 | 1410 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |

Surrogate: 1-Chlorooctane 158 % 41-142 8051002 MS 10-May-18 8015B

Surrogate: 1-Chlorooctadecane 177 % 37.6-147 8051002 MS 10-May-18 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 3 @ 2
H801279-13 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 80.0 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|-----------------------|--------------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total Xylenes* | 0.306 | | 0.150 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total BTEX | 0.306 | | 0.300 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 111 % | 72-148 | | 8051408 | MS | 14-May-18 | 8021B | |
|---------------------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID**S-04**

| | | | | | | | | | | |
|----------------------------|-------------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | 30.6 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| DRO >C10-C28* | 1270 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| EXT DRO >C28-C36 | 364 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|--------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 97.4 % | 41-142 | | 8051501 | MS | 15-May-18 | 8015B | |
|---------------------------|--|--|--------|--------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 184 % | 37.6-147 | | 8051501 | MS | 15-May-18 | 8015B | |
|-------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 3 @ 3
H801279-14 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 160 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|-----------------------|--------------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Ethylbenzene* | 0.475 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total Xylenes* | 0.777 | | 0.150 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total BTEX | 1.25 | | 0.300 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 131 % 72-148 8051408 MS 14-May-18 8021B

Petroleum Hydrocarbons by GC FID**S-04**

| | | | | | | | | | | |
|----------------------------|-------------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | 58.2 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| DRO >C10-C28* | 3190 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| EXT DRO >C28-C36 | 629 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |

Surrogate: 1-Chlorooctane 114 % 41-142 8051501 MS 15-May-18 8015B

Surrogate: 1-Chlorooctadecane 158 % 37.6-147 8051501 MS 15-May-18 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 3 @ 4
H801279-15 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 144 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Toluene* | <0.050 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Ethylbenzene* | <0.050 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total Xylenes* | <0.150 | 0.150 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total BTEX | <0.300 | 0.300 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |

| | | | | | | | |
|---------------------------------------|-------|--------|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | 101 % | 72-148 | 8051408 | MS | 14-May-18 | 8021B | |
|---------------------------------------|-------|--------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| DRO >C10-C28* | 11.2 | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| EXT DRO >C28-C36 | 11.6 | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |

| | | | | | | | |
|---------------------------|--------|--------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | 94.8 % | 41-142 | 8051501 | MS | 15-May-18 | 8015B | |
|---------------------------|--------|--------|---------|----|-----------|-------|--|

| | | | | | | | |
|-------------------------------|--------|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | 99.4 % | 37.6-147 | 8051501 | MS | 15-May-18 | 8015B | |
|-------------------------------|--------|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 3 @ 5
H801279-16 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 128 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Toluene* | <0.050 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Ethylbenzene* | <0.050 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total Xylenes* | <0.150 | 0.150 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total BTEX | <0.300 | 0.300 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |

| | | | | | | | | | |
|----------------------------------------------|--|-------|--|--------|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | 107 % | | 72-148 | 8051408 | MS | 14-May-18 | 8021B | |
|----------------------------------------------|--|-------|--|--------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| DRO >C10-C28* | <10.0 | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |

| | | | | | | | | | |
|----------------------------------|--|--------|--|--------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | 89.7 % | | 41-142 | 8051501 | MS | 15-May-18 | 8015B | |
|----------------------------------|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | |
|--------------------------------------|--|--------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | 94.5 % | | 37.6-147 | 8051501 | MS | 15-May-18 | 8015B | |
|--------------------------------------|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 3 @ 6
H801279-17 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 48.0 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |

| | | | | | | | | | | |
|----------------------------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 109 % | 72-148 | | 8051408 | MS | 14-May-18 | 8021B | |
|----------------------------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|--------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 91.0 % | 41-142 | | 8051501 | MS | 15-May-18 | 8015B | |
|----------------------------------|--|--|--------|--------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 91.2 % | 37.6-147 | | 8051501 | MS | 15-May-18 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 4 @ SURFACE**H801279-18 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|--------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 22400 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|--------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------------|--|-------|-------|-----|---------|----|-----------|-------|--|
| Benzene* | <0.100 | | 0.100 | mg/kg | 100 | 8051003 | MS | 10-May-18 | 8021B | |
| Toluene* | 0.142 | | 0.100 | mg/kg | 100 | 8051003 | MS | 10-May-18 | 8021B | |
| Ethylbenzene* | 1.05 | | 0.100 | mg/kg | 100 | 8051003 | MS | 10-May-18 | 8021B | |
| Total Xylenes* | 2.28 | | 0.300 | mg/kg | 100 | 8051003 | MS | 10-May-18 | 8021B | |
| Total BTEX | 3.47 | | 0.600 | mg/kg | 100 | 8051003 | MS | 10-May-18 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 72-148 8051003 MS 10-May-18 8021B

Petroleum Hydrocarbons by GC FID**S-06**

| | | | | | | | | | | |
|------------------|--------------|--|-----|-------|----|---------|----|-----------|-------|--|
| GRO C6-C10* | <100 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |
| DRO >C10-C28* | 13800 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |
| EXT DRO >C28-C36 | 3550 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |

Surrogate: 1-Chlorooctane 86.0 % 41-142 8051002 MS 10-May-18 8015B

Surrogate: 1-Chlorooctadecane 312 % 37.6-147 8051002 MS 10-May-18 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 4 @ 1
H801279-19 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 32.0 | | 16.0 | mg/kg | 4 | 8051006 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------------|--|-------|-------|-----|---------|----|-----------|-------|--|
| Benzene* | <0.200 | | 0.200 | mg/kg | 200 | 8051003 | MS | 10-May-18 | 8021B | |
| Toluene* | 0.565 | | 0.200 | mg/kg | 200 | 8051003 | MS | 10-May-18 | 8021B | |
| Ethylbenzene* | 5.68 | | 0.200 | mg/kg | 200 | 8051003 | MS | 10-May-18 | 8021B | |
| Total Xylenes* | 15.6 | | 0.600 | mg/kg | 200 | 8051003 | MS | 10-May-18 | 8021B | |
| Total BTEX | 21.8 | | 1.20 | mg/kg | 200 | 8051003 | MS | 10-May-18 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 134 % | 72-148 | | 8051003 | MS | 10-May-18 | 8021B | |
|---------------------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID**S-06**

| | | | | | | | | | | |
|------------------|-------------|--|-----|-------|----|---------|----|-----------|-------|--|
| GRO C6-C10* | 452 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |
| DRO >C10-C28* | 7030 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |
| EXT DRO >C28-C36 | 1380 | | 100 | mg/kg | 10 | 8051002 | MS | 10-May-18 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 139 % | 41-142 | | 8051002 | MS | 10-May-18 | 8015B | |
|---------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 169 % | 37.6-147 | | 8051002 | MS | 10-May-18 | 8015B | |
|-------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 4 @ 2
H801279-20 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 112 | | 16.0 | mg/kg | 4 | 8051007 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------------|--------------|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Toluene* | <0.050 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Ethylbenzene* | 0.058 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total Xylenes* | <0.150 | 0.150 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total BTEX | <0.300 | 0.300 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |

| | | | | | | | |
|---------------------------------------|-------|--------|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | 110 % | 72-148 | 8051408 | MS | 14-May-18 | 8021B | |
|---------------------------------------|-------|--------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID**S-04**

| | | | | | | | | | |
|----------------------------|-------------|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | 23.8 | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| DRO >C10-C28* | 1330 | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| EXT DRO >C28-C36 | 360 | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |

| | | | | | | | |
|---------------------------|--------|--------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | 94.9 % | 41-142 | 8051501 | MS | 15-May-18 | 8015B | |
|---------------------------|--------|--------|---------|----|-----------|-------|--|

| | | | | | | | |
|-------------------------------|-------|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | 197 % | 37.6-147 | 8051501 | MS | 15-May-18 | 8015B | |
|-------------------------------|-------|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 4 @ 3
H801279-21 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 112 | | 16.0 | mg/kg | 4 | 8051007 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|-----------------------|--------------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Ethylbenzene* | 0.206 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total Xylenes* | 0.304 | | 0.150 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total BTEX | 0.510 | | 0.300 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 126 % | 72-148 | | 8051408 | MS | 14-May-18 | 8021B | |
|---------------------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID**S-04**

| | | | | | | | | | | |
|----------------------------|-------------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | 32.5 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| DRO >C10-C28* | 2240 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |
| EXT DRO >C28-C36 | 459 | | 10.0 | mg/kg | 1 | 8051501 | MS | 15-May-18 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 102 % | 41-142 | | 8051501 | MS | 15-May-18 | 8015B | |
|---------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 259 % | 37.6-147 | | 8051501 | MS | 15-May-18 | 8015B | |
|-------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 4 @ 4
H801279-22 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 144 | | 16.0 | mg/kg | 4 | 8051007 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Toluene* | <0.050 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Ethylbenzene* | <0.050 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total Xylenes* | <0.150 | 0.150 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total BTEX | <0.300 | 0.300 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |

| | | | | | | | | | |
|----------------------------------------------|--|-------|--|--------|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | 105 % | | 72-148 | 8051408 | MS | 14-May-18 | 8021B | |
|----------------------------------------------|--|-------|--|--------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | 10.0 | mg/kg | 1 | 8051503 | MS | 15-May-18 | 8015B | |
| DRO >C10-C28* | <10.0 | 10.0 | mg/kg | 1 | 8051503 | MS | 15-May-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | mg/kg | 1 | 8051503 | MS | 15-May-18 | 8015B | |

| | | | | | | | | | |
|----------------------------------|--|--------|--|--------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | 79.8 % | | 41-142 | 8051503 | MS | 15-May-18 | 8015B | |
|----------------------------------|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | |
|--------------------------------------|--|--------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | 69.9 % | | 37.6-147 | 8051503 | MS | 15-May-18 | 8015B | |
|--------------------------------------|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 4 @ 5
H801279-23 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 144 | | 16.0 | mg/kg | 4 | 8051007 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Toluene* | <0.050 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Ethylbenzene* | <0.050 | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total Xylenes* | <0.150 | 0.150 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total BTEX | <0.300 | 0.300 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |

| | | | | | | | | | |
|----------------------------------------------|--|-------|--|--------|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | 110 % | | 72-148 | 8051408 | MS | 14-May-18 | 8021B | |
|----------------------------------------------|--|-------|--|--------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | 10.0 | mg/kg | 1 | 8051503 | MS | 15-May-18 | 8015B | |
| DRO >C10-C28* | <10.0 | 10.0 | mg/kg | 1 | 8051503 | MS | 15-May-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | mg/kg | 1 | 8051503 | MS | 15-May-18 | 8015B | |

| | | | | | | | | | |
|----------------------------------|--|--------|--|--------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | 89.5 % | | 41-142 | 8051503 | MS | 15-May-18 | 8015B | |
|----------------------------------|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | |
|--------------------------------------|--|--------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | 86.6 % | | 37.6-147 | 8051503 | MS | 15-May-18 | 8015B | |
|--------------------------------------|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP 4 @ 6
H801279-24 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 32.0 | | 16.0 | mg/kg | 4 | 8051007 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 8051408 | MS | 14-May-18 | 8021B | |

| | | | | | | | | | | |
|----------------------------------------------|--|--|-------|--|--------|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 107 % | | 72-148 | 8051408 | MS | 14-May-18 | 8021B | |
|----------------------------------------------|--|--|-------|--|--------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8051503 | MS | 15-May-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8051503 | MS | 15-May-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8051503 | MS | 15-May-18 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 87.0 % | | 41-142 | 8051503 | MS | 15-May-18 | 8015B | |
|----------------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 82.0 % | | 37.6-147 | 8051503 | MS | 15-May-18 | 8015B | |
|--------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP N @ SURFACE**H801279-25 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 80.0 | | 16.0 | mg/kg | 4 | 8051007 | AC | 10-May-18 | 4500-Cl-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 115 % | 72-148 | | 8051003 | MS | 10-May-18 | 8021B | |
|---------------------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8051002 | MS | 10-May-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8051002 | MS | 10-May-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8051002 | MS | 10-May-18 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|--------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 79.1 % | 41-142 | | 8051002 | MS | 10-May-18 | 8015B | |
|---------------------------|--|--|--------|--------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 75.0 % | 37.6-147 | | 8051002 | MS | 10-May-18 | 8015B | |
|-------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SPE @ SURFACE**H801279-26 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|----------|-----|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 128 | | 16.0 | mg/kg | 4 | 8051007 | AC | 10-May-18 | 4500-Cl-B | |
|----------|-----|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 119 % 72-148 8051003 MS 10-May-18 8021B

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8051002 | MS | 10-May-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8051002 | MS | 10-May-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8051002 | MS | 10-May-18 | 8015B | |

Surrogate: 1-Chlorooctane 78.5 % 41-142 8051002 MS 10-May-18 8015B

Surrogate: 1-Chlorooctadecane 72.8 % 37.6-147 8051002 MS 10-May-18 8015B

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SP W @ SURFACE**H801279-27 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 112 | | 16.0 | mg/kg | 4 | 8051007 | AC | 10-May-18 | 4500-Cl-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | 0.050 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |
| Toluene* | <0.050 | 0.050 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |
| Ethylbenzene* | <0.050 | 0.050 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |
| Total Xylenes* | <0.150 | 0.150 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |
| Total BTEX | <0.300 | 0.300 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |

| | | | | | | | | | |
|----------------------------------------------|--|-------|--|--------|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | 113 % | | 72-148 | 8051003 | MS | 10-May-18 | 8021B | |
|----------------------------------------------|--|-------|--|--------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | 10.0 | mg/kg | 1 | 8051002 | MS | 10-May-18 | 8015B | |
| DRO >C10-C28* | <10.0 | 10.0 | mg/kg | 1 | 8051002 | MS | 10-May-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | mg/kg | 1 | 8051002 | MS | 10-May-18 | 8015B | |

| | | | | | | | | | |
|----------------------------------|--|--------|--|--------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | 76.1 % | | 41-142 | 8051002 | MS | 10-May-18 | 8015B | |
|----------------------------------|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | |
|--------------------------------------|--|--------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | 67.9 % | | 37.6-147 | 8051002 | MS | 10-May-18 | 8015B | |
|--------------------------------------|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

SPS @ SURFACE**H801279-28 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 80.0 | | 16.0 | mg/kg | 4 | 8051007 | AC | 10-May-18 | 4500-Cl-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 8051003 | MS | 10-May-18 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|-------|--|--------|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 110 % | | 72-148 | 8051003 | MS | 10-May-18 | 8021B | |
|---------------------------------------|--|--|-------|--|--------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8051002 | MS | 10-May-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8051002 | MS | 10-May-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8051002 | MS | 10-May-18 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 71.0 % | | 41-142 | 8051002 | MS | 10-May-18 | 8015B | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 65.6 % | | 37.6-147 | 8051002 | MS | 10-May-18 | 8015B | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

Inorganic Compounds - Quality Control**Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

Batch 8051006 - 1:4 DI Water**Blank (8051006-BLK1)**

Prepared & Analyzed: 10-May-18

| | | | | | | | | | | |
|----------|----|------|-------|--|--|--|--|--|--|--|
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
|----------|----|------|-------|--|--|--|--|--|--|--|

LCS (8051006-BS1)

Prepared & Analyzed: 10-May-18

| | | | | | | | | | | |
|----------|-----|------|-------|-----|--|-----|--------|--|--|--|
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | | | |
|----------|-----|------|-------|-----|--|-----|--------|--|--|--|

LCS Dup (8051006-BSD1)

Prepared & Analyzed: 10-May-18

| | | | | | | | | | | |
|----------|-----|------|-------|-----|--|-----|--------|------|----|--|
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | 0.00 | 20 | |
|----------|-----|------|-------|-----|--|-----|--------|------|----|--|

Batch 8051007 - 1:4 DI Water**Blank (8051007-BLK1)**

Prepared & Analyzed: 10-May-18

| | | | | | | | | | | |
|----------|----|------|-------|--|--|--|--|--|--|--|
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
|----------|----|------|-------|--|--|--|--|--|--|--|

LCS (8051007-BS1)

Prepared & Analyzed: 10-May-18

| | | | | | | | | | | |
|----------|-----|------|-------|-----|--|-----|--------|--|--|--|
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | | | |
|----------|-----|------|-------|-----|--|-----|--------|--|--|--|

LCS Dup (8051007-BSD1)

Prepared & Analyzed: 10-May-18

| | | | | | | | | | | |
|----------|-----|------|-------|-----|--|-----|--------|------|----|--|
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | 0.00 | 20 | |
|----------|-----|------|-------|-----|--|-----|--------|------|----|--|

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Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 8050901 - Volatiles**Blank (8050901-BLK1)**

Prepared & Analyzed: 09-May-18

| | | | | | | | | | | |
|---------------------------------------|-------|-------|-------|-------|--|-----|--------|--|--|--|
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.102 | | mg/kg | 0.100 | | 102 | 72-148 | | | |

LCS (8050901-BS1)

Prepared & Analyzed: 09-May-18

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|-------|--|------|----------|--|--|--|
| Benzene | 1.71 | 0.050 | mg/kg | 2.00 | | 85.6 | 79.5-124 | | | |
| Toluene | 1.78 | 0.050 | mg/kg | 2.00 | | 88.8 | 75.5-127 | | | |
| Ethylbenzene | 1.79 | 0.050 | mg/kg | 2.00 | | 89.3 | 77.7-125 | | | |
| Total Xylenes | 5.51 | 0.150 | mg/kg | 6.00 | | 91.9 | 70.9-124 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0996 | | mg/kg | 0.100 | | 99.6 | 72-148 | | | |

LCS Dup (8050901-BSD1)

Prepared & Analyzed: 09-May-18

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|-------|--|------|----------|-------|------|--|
| Benzene | 1.69 | 0.050 | mg/kg | 2.00 | | 84.4 | 79.5-124 | 1.44 | 6.5 | |
| Toluene | 1.75 | 0.050 | mg/kg | 2.00 | | 87.6 | 75.5-127 | 1.39 | 7.02 | |
| Ethylbenzene | 1.77 | 0.050 | mg/kg | 2.00 | | 88.6 | 77.7-125 | 0.779 | 7.83 | |
| Total Xylenes | 5.48 | 0.150 | mg/kg | 6.00 | | 91.4 | 70.9-124 | 0.560 | 7.78 | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0998 | | mg/kg | 0.100 | | 99.8 | 72-148 | | | |

Batch 8051003 - Volatiles**Blank (8051003-BLK1)**

Prepared & Analyzed: 10-May-18

| | | | | | | | | | | |
|---------------------------------------|-------|-------|-------|-------|--|-----|--------|--|--|--|
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.101 | | mg/kg | 0.100 | | 101 | 72-148 | | | |

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|

Batch 8051003 - Volatiles**LCS (8051003-BS1)**

Prepared & Analyzed: 10-May-18

| | | | | | | | | | |
|---------------------------------------|-------|-------|-------|-------|--|------|----------|--|--|
| Benzene | 1.70 | 0.050 | mg/kg | 2.00 | | 85.0 | 79.5-124 | | |
| Toluene | 1.82 | 0.050 | mg/kg | 2.00 | | 90.9 | 75.5-127 | | |
| Ethylbenzene | 1.83 | 0.050 | mg/kg | 2.00 | | 91.5 | 77.7-125 | | |
| Total Xylenes | 5.65 | 0.150 | mg/kg | 6.00 | | 94.1 | 70.9-124 | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.100 | | mg/kg | 0.100 | | 100 | 72-148 | | |

LCS Dup (8051003-BS1)

Prepared & Analyzed: 10-May-18

| | | | | | | | | | |
|---------------------------------------|-------|-------|-------|-------|--|------|----------|------|------|
| Benzene | 1.75 | 0.050 | mg/kg | 2.00 | | 87.5 | 79.5-124 | 2.95 | 6.5 |
| Toluene | 1.85 | 0.050 | mg/kg | 2.00 | | 92.4 | 75.5-127 | 1.62 | 7.02 |
| Ethylbenzene | 1.86 | 0.050 | mg/kg | 2.00 | | 92.8 | 77.7-125 | 1.51 | 7.83 |
| Total Xylenes | 5.72 | 0.150 | mg/kg | 6.00 | | 95.3 | 70.9-124 | 1.21 | 7.78 |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.100 | | mg/kg | 0.100 | | 100 | 72-148 | | |

Batch 8051408 - Volatiles**Blank (8051408-BLK1)**

Prepared & Analyzed: 14-May-18

| | | | | | | | | | |
|---------------------------------------|-------|-------|-------|-------|--|-----|--------|--|--|
| Benzene | ND | 0.050 | mg/kg | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.101 | | mg/kg | 0.100 | | 101 | 72-148 | | |

LCS (8051408-BS1)

Prepared & Analyzed: 14-May-18

| | | | | | | | | | |
|---------------------------------------|--------|-------|-------|-------|--|------|----------|--|--|
| Benzene | 1.79 | 0.050 | mg/kg | 2.00 | | 89.4 | 79.5-124 | | |
| Toluene | 1.90 | 0.050 | mg/kg | 2.00 | | 94.8 | 75.5-127 | | |
| Ethylbenzene | 1.90 | 0.050 | mg/kg | 2.00 | | 95.0 | 77.7-125 | | |
| Total Xylenes | 5.88 | 0.150 | mg/kg | 6.00 | | 98.0 | 70.9-124 | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0988 | | mg/kg | 0.100 | | 98.8 | 72-148 | | |

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

Batch 8051408 - Volatiles**LCS Dup (8051408-BSD1)**

Prepared & Analyzed: 14-May-18

| | | | | | | | | | | |
|---------------------------------------|-------|-------|-------|-------|--|------|----------|-------|------|--|
| Benzene | 1.73 | 0.050 | mg/kg | 2.00 | | 86.7 | 79.5-124 | 3.07 | 6.5 | |
| Toluene | 1.85 | 0.050 | mg/kg | 2.00 | | 92.5 | 75.5-127 | 2.51 | 7.02 | |
| Ethylbenzene | 1.88 | 0.050 | mg/kg | 2.00 | | 93.8 | 77.7-125 | 1.35 | 7.83 | |
| Total Xylenes | 5.84 | 0.150 | mg/kg | 6.00 | | 97.3 | 70.9-124 | 0.664 | 7.78 | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.101 | | mg/kg | 0.100 | | 101 | 72-148 | | | |

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Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 8050902 - General Prep - Organics**Blank (8050902-BLK1)**

Prepared & Analyzed: 09-May-18

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C35 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Total TPH C6-C28 | ND | 10.0 | mg/kg | | | | | | | |
| Surrogate: 1-Chlorooctane | 50.6 | | mg/kg | 50.0 | | 101 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 48.4 | | mg/kg | 50.0 | | 96.7 | 37.6-147 | | | |

LCS (8050902-BS1)

Prepared & Analyzed: 09-May-18

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10 | 189 | 10.0 | mg/kg | 200 | | 94.4 | 76.5-133 | | | |
| DRO >C10-C28 | 200 | 10.0 | mg/kg | 200 | | 100 | 72.9-138 | | | |
| Total TPH C6-C28 | 389 | 10.0 | mg/kg | 400 | | 97.2 | 78-132 | | | |
| Surrogate: 1-Chlorooctane | 49.1 | | mg/kg | 50.0 | | 98.1 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 50.5 | | mg/kg | 50.0 | | 101 | 37.6-147 | | | |

LCS Dup (8050902-BSD1)

Prepared & Analyzed: 09-May-18

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|-------|------|--|
| GRO C6-C10 | 188 | 10.0 | mg/kg | 200 | | 94.1 | 76.5-133 | 0.276 | 20.6 | |
| DRO >C10-C28 | 178 | 10.0 | mg/kg | 200 | | 89.2 | 72.9-138 | 11.5 | 20.6 | |
| Total TPH C6-C28 | 367 | 10.0 | mg/kg | 400 | | 91.7 | 78-132 | 5.88 | 18 | |
| Surrogate: 1-Chlorooctane | 49.0 | | mg/kg | 50.0 | | 97.9 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 48.0 | | mg/kg | 50.0 | | 96.0 | 37.6-147 | | | |

Batch 8051002 - General Prep - Organics**Blank (8051002-BLK1)**

Prepared & Analyzed: 10-May-18

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C35 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Total TPH C6-C28 | ND | 10.0 | mg/kg | | | | | | | |
| Surrogate: 1-Chlorooctane | 46.5 | | mg/kg | 50.0 | | 92.9 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 43.1 | | mg/kg | 50.0 | | 86.2 | 37.6-147 | | | |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

Batch 8051002 - General Prep - Organics**LCS (8051002-BS1)**

Prepared & Analyzed: 10-May-18

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10 | 183 | 10.0 | mg/kg | 200 | | 91.6 | 76.5-133 | | | |
| DRO >C10-C28 | 194 | 10.0 | mg/kg | 200 | | 96.9 | 72.9-138 | | | |
| Total TPH C6-C28 | 377 | 10.0 | mg/kg | 400 | | 94.2 | 78-132 | | | |
| Surrogate: 1-Chlorooctane | 49.1 | | mg/kg | 50.0 | | 98.1 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 48.8 | | mg/kg | 50.0 | | 97.5 | 37.6-147 | | | |

LCS Dup (8051002-BSD1)

Prepared & Analyzed: 10-May-18

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|------|------|--|
| GRO C6-C10 | 190 | 10.0 | mg/kg | 200 | | 95.1 | 76.5-133 | 3.79 | 20.6 | |
| DRO >C10-C28 | 202 | 10.0 | mg/kg | 200 | | 101 | 72.9-138 | 4.28 | 20.6 | |
| Total TPH C6-C28 | 392 | 10.0 | mg/kg | 400 | | 98.1 | 78-132 | 4.04 | 18 | |
| Surrogate: 1-Chlorooctane | 50.0 | | mg/kg | 50.0 | | 99.9 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 49.8 | | mg/kg | 50.0 | | 99.7 | 37.6-147 | | | |

Batch 8051501 - General Prep - Organics**Blank (8051501-BLK1)**

Prepared & Analyzed: 15-May-18

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C35 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Total TPH C6-C28 | ND | 10.0 | mg/kg | | | | | | | |
| Surrogate: 1-Chlorooctane | 53.3 | | mg/kg | 50.0 | | 107 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 52.1 | | mg/kg | 50.0 | | 104 | 37.6-147 | | | |

LCS (8051501-BS1)

Prepared & Analyzed: 15-May-18

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| GRO C6-C10 | 207 | 10.0 | mg/kg | 200 | | 104 | 76.5-133 | | | |
| DRO >C10-C28 | 211 | 10.0 | mg/kg | 200 | | 106 | 72.9-138 | | | |
| Total TPH C6-C28 | 419 | 10.0 | mg/kg | 400 | | 105 | 78-132 | | | |
| Surrogate: 1-Chlorooctane | 54.3 | | mg/kg | 50.0 | | 109 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 57.0 | | mg/kg | 50.0 | | 114 | 37.6-147 | | | |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

Batch 8051501 - General Prep - Organics**LCS Dup (8051501-BSD1)**

Prepared & Analyzed: 15-May-18

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|------|------|--|
| GRO C6-C10 | 216 | 10.0 | mg/kg | 200 | | 108 | 76.5-133 | 4.03 | 20.6 | |
| DRO >C10-C28 | 225 | 10.0 | mg/kg | 200 | | 112 | 72.9-138 | 6.21 | 20.6 | |
| Total TPH C6-C28 | 441 | 10.0 | mg/kg | 400 | | 110 | 78-132 | 5.13 | 18 | |
| Surrogate: 1-Chlorooctane | 56.1 | | mg/kg | 50.0 | | 112 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 59.8 | | mg/kg | 50.0 | | 120 | 37.6-147 | | | |

Batch 8051503 - General Prep - Organics**Blank (8051503-BLK1)**

Prepared & Analyzed: 15-May-18

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C35 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Total TPH C6-C28 | ND | 10.0 | mg/kg | | | | | | | |
| Surrogate: 1-Chlorooctane | 51.4 | | mg/kg | 50.0 | | 103 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 53.0 | | mg/kg | 50.0 | | 106 | 37.6-147 | | | |

LCS (8051503-BS1)

Prepared & Analyzed: 15-May-18

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| GRO C6-C10 | 214 | 10.0 | mg/kg | 200 | | 107 | 76.5-133 | | | |
| DRO >C10-C28 | 212 | 10.0 | mg/kg | 200 | | 106 | 72.9-138 | | | |
| Total TPH C6-C28 | 426 | 10.0 | mg/kg | 400 | | 106 | 78-132 | | | |
| Surrogate: 1-Chlorooctane | 53.5 | | mg/kg | 50.0 | | 107 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 59.2 | | mg/kg | 50.0 | | 118 | 37.6-147 | | | |

LCS Dup (8051503-BSD1)

Prepared & Analyzed: 15-May-18

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|------|------|-------|
| GRO C6-C10 | 174 | 10.0 | mg/kg | 200 | | 87.0 | 76.5-133 | 20.4 | 20.6 | |
| DRO >C10-C28 | 181 | 10.0 | mg/kg | 200 | | 90.7 | 72.9-138 | 15.7 | 20.6 | |
| Total TPH C6-C28 | 355 | 10.0 | mg/kg | 400 | | 88.9 | 78-132 | 18.1 | 18 | QR-02 |
| Surrogate: 1-Chlorooctane | 46.9 | | mg/kg | 50.0 | | 93.8 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 45.6 | | mg/kg | 50.0 | | 91.1 | 37.6-147 | | | |

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: COCKATOO STATE BATTERY
Project Number: NONE GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
15-May-18 17:05

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*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

| | |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S-06 | The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's. |
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| 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

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

| | | | | | |
|---------------------------------------|--|----------------------|-------------------------|--|--|
| BILL TO | | | ANALYSIS REQUEST | | |
| Company Name: BBC International, Inc. | | | P.O. #: | | |
| Project Manager: Cliff Brunson | | | Company: CCG | | |
| Address: P.O. Box 805 | | | Attn: Hustelle | | |
| City: Hobbs | | State: NM Zip: 88241 | Address: | | |
| Phone #: 575-397-6388 | | Fax #: 575-397-0397 | City: | | |
| Project #: | | Project Owner: CCG | State: Zip: | | |
| Project Name: Cockatoo St Battery | | | Phone #: | | |
| Project Location: | | | Fax #: | | |
| Sampler Name: Jeff Ornelas | | | | | |

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. # CONTAINERS | MATRIX | | | | | PRESERV. | SAMPLING | CL | BTEX | TPH Ext | Other | Date | Time | |
|----------|-------------|-----------------------------------|-------------|------------|------|-----|--------|----------|--------------------------|----|------|---------|-------|--------|-------|---------|
| | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: ICE / COOL | | | | | | | OTHER : |
| H80127A | | | | | | | | | | | | | | | | |
| 1 | SP 1 @ Sur | 5 | | | ✓ | | | | ✓ | | | | | 5-8-18 | 11:11 | ✓ ✓ ✓ ✓ |
| 2 | SP 1 @ 1 | 5 | | | ✓ | | | | ✓ | | | | | | 11:22 | ✓ ✓ ✓ ✓ |
| 3 | SP 1 @ 2 | 5 | | | ✓ | | | | ✓ | | | | | | 11:33 | ✓ ✓ ✓ ✓ |
| 4 | SP 1 @ 3 | 5 | | | ✓ | | | | ✓ | | | | | | 11:50 | ✓ ✓ ✓ ✓ |
| 5 | SP 1 @ 4 | 5 | | | ✓ | | | | ✓ | | | | | | 12:12 | ✓ ✓ ✓ ✓ |
| 6 | SP 2 @ sur | 5 | | | ✓ | | | | ✓ | | | | | | 11:33 | ✓ ✓ ✓ ✓ |
| 7 | SP 2 @ 1 | 5 | | | ✓ | | | | ✓ | | | | | | 11:55 | ✓ ✓ ✓ ✓ |
| 8 | SP 2 @ 2 | 5 | | | ✓ | | | | ✓ | | | | | | 2:16 | ✓ ✓ ✓ ✓ |
| 9 | SP 2 @ 3 | 5 | | | ✓ | | | | ✓ | | | | | | 2:33 | ✓ ✓ ✓ ✓ |
| 10 | SP 2 @ 4 | 5 | | | ✓ | | | | ✓ | | | | | | 2:45 | ✓ ✓ ✓ ✓ |

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| | | | | | |
|-----------------------------------------|--|--------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------|----------------|
| Relinquished By: Jeff Ornelas | | Date: 5/8/18 | Received By: Jodi Benson | Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Add'l Phone #: |
| Relinquished By: Jodi Benson | | Date: 5-8-18 | Received By: Jodi Benson | Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Add'l Fax #: |
| Delivered By: (Circle One) | | Time: 4:20 | Checked By: JA | REMARKS: | |
| Sampler - UPS - Bus - Other: 4.0°/3.95° | | Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | |

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

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

| | | | |
|---------------------------------------|----------------------|------------------|------|
| BILL TO | | ANALYSIS REQUEST | |
| Company Name: BBC International, Inc. | | P.O. #: | |
| Project Manager: Cliff Brunson | | Company: COG | |
| Address: P.O. Box 805 | | Attn: H. Steele | |
| City: Hobbs | State: NM Zip: 88241 | Address: | |
| Phone #: 575-397-6388 | Fax #: 575-397-0397 | City: | |
| Project #: | Project Owner: COG | State: | Zip: |
| Project Name: COC Rated | | Phone #: | |
| Project Location: | | Fax #: | |
| Sampler Name: Jeff Arnalas | | | |

| FOR LAB USE ONLY | | MATRIX | | | | | | | | | | PRESERV. | | SAMPLING | | CL | BT | TPH Ext | Added TPH Ext + BT |
|------------------|-------------|------------------|--------------|-------------|------------|------|-----|--------|---------|------------|------------|----------|-------|----------|--|----|----|---------|--------------------|
| Lab I.D. | Sample I.D. | (GRAB OR C/JOMP) | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| H801279 | | | | | | | | | | | | | | | | | | | |
| 11 | SP 3 @ Sur | G | 1 | | | ✓ | | | | ✓ | | | 5-2-8 | 8:45 | | | | | |
| 12 | SP 3 @ 1 | G | 1 | | | ✓ | | | | ✓ | | | | 9:11 | | | | | |
| 13 | SP 3 @ 2 | G | 1 | | | ✓ | | | | ✓ | | | | 9:22 | | | | | |
| 14 | SP 3 @ 3 | G | 1 | | | ✓ | | | | ✓ | | | | 9:40 | | | | | |
| 15 | SP 3 @ 4 | G | 1 | | | ✓ | | | | ✓ | | | | 10:15 | | | | | |
| 16 | SP 3 @ 5 | G | 1 | | | ✓ | | | | ✓ | | | | 10:38 | | | | | |
| 17 | SP 3 @ 6 | G | 1 | | | ✓ | | | | ✓ | | | | 11:11 | | | | | |
| 18 | SP 4 @ Sur | G | 1 | | | ✓ | | | | ✓ | | | | 11:30 | | | | | |
| 19 | SP 4 @ 1 | G | 1 | | | ✓ | | | | ✓ | | | | 11:40 | | | | | |
| 20 | SP 4 @ 2 | G | 1 | | | ✓ | | | | ✓ | | | | 11:58 | | | | | |

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| | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------|--------------------------------------------------------------------------------------|----------------|
| Relinquished By: <i>[Signature]</i> | Date: 5-2-8 | Received By: <i>[Signature]</i> | Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Add'l Phone #: |
| Relinquished By: <i>[Signature]</i> | Date: 5-8-8 | Received By: <i>[Signature]</i> | Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Add'l Fax #: |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Date: 4-20 | Time: 4:20 | REMARKS: | |
| Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> | | CHECKED BY: (Initials) | | |

Sampler - UPS - Bus - Other: 4.0% / 3.95%

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

CARDINAL LABORATORIES

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(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3403

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------------|----------------|---------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|-----|--------|----------|------------|------------|--------|---------------|-------------|----------|----------|----------|--|--|--|--|--|--|--|--|
| Company Name: BBC International, Inc. | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Cliff Brunson | | P.O. #: | | <div style="display: flex; flex-direction: column; align-items: center; justify-content: center;"> <div>CL</div> <div>BTA</div> <div>TPH Ext</div> <div>Added TPH Ext + BTEX - fresh</div> </div> | | | | | | | | | | | | | | | | | | | | | |
| Address: P.O. Box 805 | | Company: <i>OGG</i> | | | | | | | | | | | | | | | | | | | | | | | |
| City: Hobbs State: NM Zip: 88241 | | Attn: <i>1682</i> | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: 575-397-6388 Fax #: 575-397-0397 | | Address: | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: Project Owner: <i>COG</i> | | City: | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: <i>Cockatoo St. Battery</i> | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: <i>Jeff Ornelas</i> | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | Lab I.D. | Sample I.D. | (GRAB OR (C)OMP. # CONTAINERS | MATRIX | | | | | PRESERV. | SAMPLING | | | | | | | | | | | | | | | |
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE: | ICE / COOL | OTHER: | DATE | TIME | | | | | | | | | | | |
| | <i>H801279</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| | <i>21</i> | <i>SP 4 @ 3</i> | <i>5-1</i> | | | <i>✓</i> | | | | <i>✓</i> | | | <i>5-7-18</i> | <i>1:11</i> | <i>✓</i> | | | | | | | | | | |
| | <i>22</i> | <i>SP 4 @ 4</i> | <i>5-1</i> | | | <i>✓</i> | | | | <i>✓</i> | | | | <i>1:22</i> | <i>✓</i> | | | | | | | | | | |
| | <i>23</i> | <i>SP 4 @ 5</i> | <i>5-1</i> | | | <i>✓</i> | | | | <i>✓</i> | | | | <i>1:44</i> | <i>✓</i> | | | | | | | | | | |
| | <i>24</i> | <i>SP 4 @ 6</i> | <i>5-1</i> | | | <i>✓</i> | | | | <i>✓</i> | | | | <i>2:15</i> | <i>✓</i> | | | | | | | | | | |
| | <i>25</i> | <i>SP 4 @ Sur</i> | <i>5-1</i> | | | <i>✓</i> | | | | <i>✓</i> | | | | <i>2:30</i> | <i>✓</i> | <i>✓</i> | <i>✓</i> | | | | | | | | |
| | <i>26</i> | <i>SP 4 @ Sur</i> | <i>5-1</i> | | | <i>✓</i> | | | | <i>✓</i> | | | | <i>2:40</i> | <i>✓</i> | <i>✓</i> | <i>✓</i> | | | | | | | | |
| | <i>27</i> | <i>SP 4 @ Sur</i> | <i>5-1</i> | | | <i>✓</i> | | | | <i>✓</i> | | | | <i>2:50</i> | <i>✓</i> | <i>✓</i> | <i>✓</i> | | | | | | | | |
| | <i>28</i> | <i>SP 4 @ Sur</i> | <i>5-1</i> | | | <i>✓</i> | | | | <i>✓</i> | | | | <i>3:03</i> | <i>✓</i> | <i>✓</i> | <i>✓</i> | | | | | | | | |

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| | | | |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
| Relinquished By: <i>Jeff Ornelas</i> | Date: <i>5/8/18</i> | Received By: <i>Heidi Hanson</i> | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: |
| | Time: <i>5:45</i> | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: |
| Relinquished By: <i>Heidi Hanson</i> | Date: <i>5-8-18</i> | Received By: <i>Heidi Hanson</i> | REMARKS: |
| | Time: <i>7:20</i> | | |
| Delivered By: (Circle One) <i>UPS</i> | Sample Condition: <i>4.00/3.95</i> | CHECKED BY: <i>gk</i> | |
| Sampler - UPS - Bus - Other: | Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No | (Initials) | |

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

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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

NM OIL CONSERVATION

ARTESIA DISTRICT

MAR 02 2018

Form C-141
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

RECEIVED

PAB1806432957
NAB1806433315

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

| | |
|------------------------------------------------------------|--------------------------------------------|
| Name of Company: COG Operating, LLC (OGRID# 229137) | Contact: Robert McNeill |
| Address: 600 West Illinois Avenue, Midland TX 79701 | Telephone No.: 432-683-7443 |
| Facility Name: Cockatoo State Battery | Facility Type: Central Tank Battery |
| Surface Owner: State | Mineral Owner: State |
| API No.: | |

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| K | 27 | 17S | 28E | | | | | Eddy |

Latitude: 32.801230 Longitude: -104.165441 NAD83

NATURE OF RELEASE

| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------|
| Type of Release: Oil | Volume of Release: 21bbls | Volume Recovered: 20bbls |
| Source of Release: Tank | Date and Hour of Occurrence: 2/28/2018 10:30am | Date and Hour of Discovery: 2/28/2018 10:30am |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom? | |
| By Whom? | Date and Hour: | |
| 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.* | | |
| A third party truck driver equalized the tanks at this battery due to human error. The manway on the western tank was not sealed because it was being prepared for removal. When the tanks equalized the fluid escaped from the manway of the western tank. | | |
| Describe Area Affected and Cleanup Action Taken.* | | |
| All of the fluid remained inside of the unlined battery. A vacuum truck was dispatched to recover all freestanding fluids. Concho will have the spill area evaluated for any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation activities. | | |
| 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: <i>Sheldon Hitchcock</i> | OIL CONSERVATION DIVISION | |
| Printed Name: Sheldon L. Hitchcock | Approved by Environmental Specialist: Signed By: <i>[Signature]</i> | |
| Title: HSE Coordinator | Approval Date: 3/5/18 | Expiration Date: N/A |
| E-mail Address: slhitchcock@concho.com | Conditions of Approval: <i>See attached</i> | Attached <i>2RP-4641</i> |
| Date: 3/2/2018 | Phone: 575-746-2010 | |

* Attach Additional Sheets If Necessary

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 3/2/2018 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 2BP-4641 has been assigned. **Please refer to this case number in all future correspondence.**

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete division-approved corrective action for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. **As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District 2 office in ARTESIA on or before 4/2/2018. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.**

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.

- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.

- Nominal detection limits for field and laboratory analyses must be provided.

- Composite sampling is not generally allowed.

- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold

OCD Environmental Bureau Chief

1220 South St. Francis Drive

Santa Fe, New Mexico 87505

505-476-3465

jim.griswold@state.nm.us

Bratcher, Mike, EMNRD

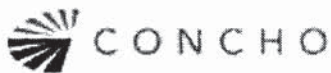
From: Sheldon Hitchcock <SLHitchcock@concho.com>
Sent: Friday, March 2, 2018 2:35 PM
To: Weaver, Crystal, EMNRD; Bratcher, Mike, EMNRD
Cc: Robert McNeill; Rebecca Haskell; Dakota Neel; Christopher Gray; DeAnn Grant
Subject: (C-141 Initial) Cockatoo State Battery 2-28-2018
Attachments: (C-141 Initial) Cockatoo State Battery 2-28-2018.pdf

Ms. Weaver/Ms. Honea,

Please find the attached C-141 for your consideration. If you have any questions or concerns please let me know.

Thank you,

Sheldon L. Hitchcock
HSE Coordinator
COG Operating LLC
2407 Pecos Avenue | Artesia, NM 88210
Cell: 575-703-6475 | Office: 575-746-2010
slhitchcock@concho.com



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APPENDIX V



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

September 06, 2018

SHELDON HITCHCOCK

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: COCKATOO ST. #1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/05/18 12:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

COG OPERATING
 SHELDON HITCHCOCK
 P. O. BOX 1630
 ARTESIA NM, 88210
 Fax To: NONE

Received: 09/05/2018
 Reported: 09/06/2018
 Project Name: COCKATOO ST. #1 BATTERY
 Project Number: NONE GIVEN
 Project Location: COG - EDDY CO NM

Sampling Date: 09/04/2018
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BTM - 1 2' (H802521-01)

| BTM 8021B | | mg/kg | | Analyzed By: ms | | | | S-04 | |
|-----------------------|--------------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/06/2018 | ND | 1.91 | 95.5 | 2.00 | 1.17 | |
| Toluene* | <0.050 | 0.050 | 09/06/2018 | ND | 1.81 | 90.4 | 2.00 | 1.11 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/06/2018 | ND | 1.80 | 90.2 | 2.00 | 1.10 | |
| Total Xylenes* | 0.633 | 0.150 | 09/06/2018 | ND | 5.49 | 91.5 | 6.00 | 1.17 | |
| Total BTEX | 0.633 | 0.300 | 09/06/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 160 % 69.8-142

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 09/06/2018 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-06 | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 159 | 50.0 | 09/06/2018 | ND | 204 | 102 | 200 | 0.544 | |
| DRO >C10-C28* | 8270 | 50.0 | 09/06/2018 | ND | 211 | 106 | 200 | 2.22 | |
| EXT DRO >C28-C36 | 1290 | 50.0 | 09/06/2018 | ND | | | | | |

Surrogate: 1-Chlorooctane 141 % 41-142

Surrogate: 1-Chlorooctadecane 453 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

COG OPERATING
SHELDON HITCHCOCK
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONE

Received: 09/05/2018
Reported: 09/06/2018
Project Name: COCKATOO ST. #1 BATTERY
Project Number: NONE GIVEN
Project Location: COG - EDDY CO NM

Sampling Date: 09/04/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: N. SW (H802521-02)

| 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 | 09/06/2018 | ND | 1.91 | 95.5 | 2.00 | 1.17 | |
| Toluene* | <0.050 | 0.050 | 09/06/2018 | ND | 1.81 | 90.4 | 2.00 | 1.11 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/06/2018 | ND | 1.80 | 90.2 | 2.00 | 1.10 | |
| Total Xylenes* | <0.150 | 0.150 | 09/06/2018 | ND | 5.49 | 91.5 | 6.00 | 1.17 | |
| Total BTEX | <0.300 | 0.300 | 09/06/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.8-142

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 208 | 16.0 | 09/06/2018 | 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 | 09/06/2018 | ND | 204 | 102 | 200 | 0.544 | |
| DRO >C10-C28* | 18.2 | 10.0 | 09/06/2018 | ND | 211 | 106 | 200 | 2.22 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/06/2018 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.5 % 41-142

Surrogate: 1-Chlorooctadecane 86.7 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

COG OPERATING
SHELDON HITCHCOCK
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONE

Received: 09/05/2018
Reported: 09/06/2018
Project Name: COCKATOO ST. #1 BATTERY
Project Number: NONE GIVEN
Project Location: COG - EDDY CO NM

Sampling Date: 09/04/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S. SW (H802521-03)

| 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 | 09/06/2018 | ND | 1.91 | 95.5 | 2.00 | 1.17 | | |
| Toluene* | <0.050 | 0.050 | 09/06/2018 | ND | 1.81 | 90.4 | 2.00 | 1.11 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/06/2018 | ND | 1.80 | 90.2 | 2.00 | 1.10 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/06/2018 | ND | 5.49 | 91.5 | 6.00 | 1.17 | | |
| Total BTEX | <0.300 | 0.300 | 09/06/2018 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 69.8-142

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 09/06/2018 | 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 | 09/06/2018 | ND | 204 | 102 | 200 | 0.544 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/06/2018 | ND | 211 | 106 | 200 | 2.22 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/06/2018 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.6 % 41-142

Surrogate: 1-Chlorooctadecane 89.0 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

COG OPERATING
SHELDON HITCHCOCK
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONE

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 09/05/2018 | Sampling Date: | 09/04/2018 |
| Reported: | 09/06/2018 | Sampling Type: | Soil |
| Project Name: | COCKATOO ST. #1 BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - EDDY CO NM | | |

Sample ID: E. SW (H802521-04)

| 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 | 09/06/2018 | ND | 1.91 | 95.5 | 2.00 | 1.17 | | |
| Toluene* | <0.050 | 0.050 | 09/06/2018 | ND | 1.81 | 90.4 | 2.00 | 1.11 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/06/2018 | ND | 1.80 | 90.2 | 2.00 | 1.10 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/06/2018 | ND | 5.49 | 91.5 | 6.00 | 1.17 | | |
| Total BTEX | <0.300 | 0.300 | 09/06/2018 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 69.8-142

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 560 | 16.0 | 09/06/2018 | 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 | 09/06/2018 | ND | 204 | 102 | 200 | 0.544 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/06/2018 | ND | 211 | 106 | 200 | 2.22 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/06/2018 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 41-142

Surrogate: 1-Chlorooctadecane 97.5 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

COG OPERATING
SHELDON HITCHCOCK
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONE

Received: 09/05/2018
Reported: 09/06/2018
Project Name: COCKATOO ST. #1 BATTERY
Project Number: NONE GIVEN
Project Location: COG - EDDY CO NM

Sampling Date: 09/04/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: W. SW (H802521-05)

| 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 | 09/06/2018 | ND | 1.91 | 95.5 | 2.00 | 1.17 | |
| Toluene* | <0.050 | 0.050 | 09/06/2018 | ND | 1.81 | 90.4 | 2.00 | 1.11 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/06/2018 | ND | 1.80 | 90.2 | 2.00 | 1.10 | |
| Total Xylenes* | <0.150 | 0.150 | 09/06/2018 | ND | 5.49 | 91.5 | 6.00 | 1.17 | |
| Total BTEx | <0.300 | 0.300 | 09/06/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 69.8-142

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 09/06/2018 | 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 | 09/06/2018 | ND | 204 | 102 | 200 | 0.544 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/06/2018 | ND | 211 | 106 | 200 | 2.22 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/06/2018 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 41-142

Surrogate: 1-Chlorooctadecane 98.5 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

| | |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S-06 | The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's. |
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| 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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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(575) 393-2326 FAX (575) 393-2476

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September 12, 2018

SHELDON HITCHCOCK

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: COCKATOO ST. #2 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/11/18 13:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

COG OPERATING
 SHELDON HITCHCOCK
 P. O. BOX 1630
 ARTESIA NM, 88210
 Fax To: NONE

Received: 09/11/2018
 Reported: 09/12/2018
 Project Name: COCKATOO ST. #2 BATTERY
 Project Number: NONE GIVEN
 Project Location: COG - EDDY CO NM

Sampling Date: 09/11/2018
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: BTM - 1 3' (H802567-01)

| 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 | 09/11/2018 | ND | 200 | 99.8 | 200 | 2.23 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/11/2018 | ND | 193 | 96.6 | 200 | 6.03 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/11/2018 | ND | | | | | |

Surrogate: 1-Chlorooctane 113 % 41-142

Surrogate: 1-Chlorooctadecane 107 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

| | |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| 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

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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 160986

CONDITIONS

| | |
|---------------------------------------------------------------------------|------------------------------------------------------------------|
| Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701 | OGRID: 229137 |
| | Action Number: 160986 |
| | Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| amaxwell | None | 11/22/2022 |