

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

January 13, 2014

Weaver Boos
35 E. Wacker Drive, Suite 1250
Chicago, IL 60602
Telephone: (312) 922-1030
Fax: (312) 922-0201

RE: 3682-300-07, Pet Coke and Coal Study

STAT Project No 13110831

Dear Paul Gruca:

STAT Analysis received 42 samples for the referenced project on 11/27/2013 7:53:00 PM. The analytical results are presented in the following report.

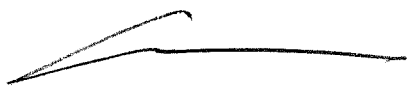
This report is revised to reflect changes made after the initial report was issued.

All analyses were performed in accordance with the requirements of 35 IAC part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Client: Weaver Boos
Project: 3682-300-07, Pet Coke and Coal Study
Lab Order: 13110831

Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Tag Number | Collection Date | Date Received |
|---------------|------------------|------------|------------------------|---------------|
| 13110831-001A | 100 | | 11/27/2013 7:09:00 AM | 11/27/2013 |
| 13110831-001B | 100 | | 11/27/2013 7:09:00 AM | 11/27/2013 |
| 13110831-002A | 100/0-0.5' | | 11/27/2013 7:09:00 AM | 11/26/2013 |
| 13110831-003A | 32 | | 11/27/2013 7:30:00 AM | 11/27/2013 |
| 13110831-003B | 32 | | 11/27/2013 7:30:00 AM | 11/27/2013 |
| 13110831-004A | 32/0-0.5' | | 11/27/2013 7:30:00 AM | 11/26/2013 |
| 13110831-005A | 1 | | 11/27/2013 7:57:00 AM | 11/27/2013 |
| 13110831-005B | 1 | | 11/27/2013 7:57:00 AM | 11/27/2013 |
| 13110831-006A | 1/0-0.5' | | 11/27/2013 7:57:00 AM | 11/26/2013 |
| 13110831-007A | 2 | | 11/27/2013 8:25:00 AM | 11/27/2013 |
| 13110831-007B | 2 | | 11/27/2013 8:25:00 AM | 11/27/2013 |
| 13110831-008A | 2/0-0.5' | | 11/27/2013 8:25:00 AM | 11/26/2013 |
| 13110831-009A | 99A | | 11/27/2013 8:48:00 AM | 11/27/2013 |
| 13110831-009B | 99A | | 11/27/2013 8:48:00 AM | 11/27/2013 |
| 13110831-010A | 99A/0-0.5' | | 11/27/2013 8:48:00 AM | 11/26/2013 |
| 13110831-011A | 3 | | 11/27/2013 9:10:00 AM | 11/27/2013 |
| 13110831-011B | 3 | | 11/27/2013 9:10:00 AM | 11/27/2013 |
| 13110831-012A | 3/0-0.5' | | 11/27/2013 9:10:00 AM | 11/27/2013 |
| 13110831-013A | 12 | | 11/27/2013 9:45:00 AM | 11/27/2013 |
| 13110831-013B | 12 | | 11/27/2013 9:45:00 AM | 11/27/2013 |
| 13110831-014A | 12/0-0.5' | | 11/27/2013 9:45:00 AM | 11/27/2013 |
| 13110831-015A | 21 | | 11/27/2013 10:10:00 AM | 11/27/2013 |
| 13110831-015B | 21 | | 11/27/2013 10:10:00 AM | 11/27/2013 |
| 13110831-016A | 21/0-0.5' | | 11/27/2013 10:10:00 AM | 11/27/2013 |
| 13110831-017A | 29 | | 11/27/2013 10:40:00 AM | 11/27/2013 |
| 13110831-017B | 29 | | 11/27/2013 10:40:00 AM | 11/27/2013 |
| 13110831-018A | 29/0-0.5' | | 11/27/2013 10:40:00 AM | 11/27/2013 |
| 13110831-019A | 37 | | 11/27/2013 10:52:00 AM | 11/27/2013 |
| 13110831-019B | 37 | | 11/27/2013 10:52:00 AM | 11/27/2013 |
| 13110831-020A | 37/0-0.5' | | 11/27/2013 10:52:00 AM | 11/27/2013 |
| 13110831-021A | 31 | | 11/27/2013 11:10:00 AM | 11/27/2013 |
| 13110831-021B | 31 | | 11/27/2013 11:10:00 AM | 11/27/2013 |
| 13110831-022A | 31/0-0.5' | | 11/27/2013 11:10:00 AM | 11/27/2013 |
| 13110831-023A | DUP-3 | | 11/27/2013 | 11/27/2013 |
| 13110831-023B | DUP-3 | | 11/27/2013 | 11/27/2013 |
| 13110831-024A | DUP-3/0-0.5' | | 11/27/2013 | 11/27/2013 |
| 13110831-025A | Field Blank-2 | | 11/27/2013 9:10:00 AM | 11/27/2013 |
| 13110831-025B | Field Blank-2 | | 11/27/2013 9:10:00 AM | 11/27/2013 |

Client: Weaver Boos
Project: 3682-300-07, Pet Coke and Coal Study
Lab Order: 13110831

Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Tag Number | Collection Date | Date Received |
|---------------|------------------|------------|------------------------|---------------|
| 13110831-026A | Field Blank-3 | | 11/27/2013 1:50:00 PM | 11/27/2013 |
| 13110831-026B | Field Blank-3 | | 11/27/2013 1:50:00 PM | 11/27/2013 |
| 13110831-027A | 88 | | 11/27/2013 12:45:00 PM | 11/27/2013 |
| 13110831-027B | 88 | | 11/27/2013 12:45:00 PM | 11/27/2013 |
| 13110831-028A | 88/0-0.5' | | 11/27/2013 12:50:00 PM | 11/27/2013 |
| 13110831-029A | 6 | | 11/27/2013 1:20:00 PM | 11/27/2013 |
| 13110831-029B | 6 | | 11/27/2013 1:20:00 PM | 11/27/2013 |
| 13110831-030A | 6/0-0.5' | | 11/27/2013 1:25:00 PM | 11/27/2013 |
| 13110831-031A | 18 | | 11/27/2013 1:40:00 PM | 11/27/2013 |
| 13110831-031B | 18 | | 11/27/2013 1:40:00 PM | 11/27/2013 |
| 13110831-032A | 18/0-0.5' | | 11/27/2013 1:45:00 PM | 11/27/2013 |
| 13110831-033A | 43 | | 11/27/2013 2:10:00 PM | 11/27/2013 |
| 13110831-033B | 43 | | 11/27/2013 2:10:00 PM | 11/27/2013 |
| 13110831-034A | 43/0-0.5' | | 11/27/2013 2:15:00 PM | 11/27/2013 |
| 13110831-035A | 98 | | 11/27/2013 2:25:00 PM | 11/27/2013 |
| 13110831-035B | 98 | | 11/27/2013 2:25:00 PM | 11/27/2013 |
| 13110831-036A | 98/0-0.5' | | 11/27/2013 2:30:00 PM | 11/27/2013 |
| 13110831-037A | 114 | | 11/27/2013 3:40:00 PM | 11/27/2013 |
| 13110831-037B | 114 | | 11/27/2013 3:40:00 PM | 11/27/2013 |
| 13110831-038A | 114/0-0.5' | | 11/27/2013 3:45:00 PM | 11/27/2013 |
| 13110831-039A | 118 | | 11/27/2013 4:10:00 PM | 11/27/2013 |
| 13110831-039B | 118 | | 11/27/2013 4:10:00 PM | 11/27/2013 |
| 13110831-040A | 118/0-0.5' | | 11/27/2013 4:15:00 PM | 11/27/2013 |
| 13110831-041A | 113 | | 11/27/2013 4:40:00 PM | 11/27/2013 |
| 13110831-041B | 113 | | 11/27/2013 4:40:00 PM | 11/27/2013 |
| 13110831-042A | 113/0-0.5' | | 11/27/2013 4:45:00 PM | 11/27/2013 |

CLIENT: Weaver Boos
Project: 3682-300-07, Pet Coke and Coal Study
Lab Order: 13110831

CASE NARRATIVE

The Metals Wipe LCS/LCSD (preparation batch 73497) had the following outside control limits:

Antimony: 152%/145% (LCS/LCSD) recovery (QC limits 80-120%)

Potassium: 122%/108% (LCS/LCSD) recovery (QC limits 80-120%)

Tin: 68%/78% (LCS/LCSD) recovery (QC limits 80-120%)

The Metals Wipe LCS/LCSD (preparation batch 73498) had the following outside control limits:

Antimony: 148%/154% (LCS/LCSD) recovery (QC limits 80-120%)

Potassium: 79.9%/79% (LCS/LCSD) recovery (QC limits 80-120%)

Tin: 79%/83% (LCS/LCSD) recovery (QC limits 80-120%)

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Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: 100

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 7:09:00 AM

Lab ID: 13110831-001A

Matrix: Wipe

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------|--------------------------|-----------|-----------------------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | SW8270C (SW3550B) | | Prep Date: 11/29/2013 | | Analyst: MEP |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/29/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/29/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 100 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 7:09:00 AM |
| Lab ID: | 13110831-001B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | 21 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/29/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Calcium | 510 | 100 | | µg/wipe | 10 | 11/29/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/29/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Copper | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Iron | 120 | 10 | | µg/wipe | 10 | 11/29/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Manganese | 13 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/29/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Zinc | 89 | 50 | | µg/wipe | 10 | 11/29/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 100/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 7:09:00 AM |
| Lab ID: | 13110831-002A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|----------|--------|----|-----------|-------|----|---------------|
|----------|--------|----|-----------|-------|----|---------------|

| | | | | | | |
|----------------|----------------|------|--|-----------|----------------------|-------------|
| Mercury | SW7471A | | | | Prep Date: 12/2/2013 | Analyst: LB |
| Mercury | 0.064 | 0.02 | | mg/Kg-dry | 1 | 12/2/2013 |

| | | | | | | |
|-------------------------|-------------------------|------|---|-----------|----------------------|-------------|
| Metals by ICP/MS | SW6020 (SW3050B) | | | | Prep Date: 12/3/2013 | Analyst: JG |
| Aluminum | 7500 | 230 | | mg/Kg-dry | 100 | 12/3/2013 |
| Antimony | ND | 2.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Arsenic | 3.6 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 120 | 11 | | mg/Kg-dry | 100 | 12/3/2013 |
| Cadmium | 1.3 | 0.56 | | mg/Kg-dry | 10 | 12/3/2013 |
| Calcium | 93000 | 680 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 67 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 3.4 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 44 | 2.8 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 24000 | 340 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 160 | 0.56 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 2100 | 11 | | mg/Kg-dry | 100 | 12/3/2013 |
| Molybdenum | ND | 56 | | mg/Kg-dry | 100 | 12/3/2013 |
| Nickel | 22 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 1100 | 340 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Thallium | ND | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | 8.6 | 5.6 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 280 | 2.8 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 30 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 360 | 5.6 | | mg/Kg-dry | 10 | 12/3/2013 |

| | | | | | | |
|--|--------------------------|------|--|-----------|----------------------|-------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 12/2/2013 | Analyst: DM |
| Acenaphthene | ND | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Acenaphthylene | ND | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Anthracene | 0.84 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benz(a)anthracene | 2.9 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(a)pyrene | 3.1 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(b)fluoranthene | 3 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(g,h,i)perylene | 3.3 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(k)fluoranthene | 2.2 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| 2-Chloronaphthalene | ND | 2 | | mg/Kg-dry | 1 | 12/3/2013 |
| Chrysene | 3.3 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Dibenz(a,h)anthracene | 1.5 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Fluoranthene | 6 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |

| | | |
|--------------------|---|--|
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 100/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 7:09:00 AM |
| Lab ID: | 13110831-002A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|------|-----------|-----------|----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 12/2/2013 | Analyst: DM |
| Fluorene | ND | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Indeno(1,2,3-cd)pyrene | 2 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| 1-Methylnaphthalene | ND | 0.39 | * | mg/Kg-dry | 1 | 12/3/2013 |
| 2-Methylnaphthalene | ND | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Naphthalene | ND | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Phenanthrene | 3.5 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Pyrene | 5.6 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Percent Moisture | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 15.4 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

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RL - Reporting / Quantitation Limit for the analysis
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Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: 32

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 7:30:00 AM

Lab ID: 13110831-003A

Matrix: Wipe

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------|------------------------------------|-----------|---------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| SW8270C (SW3550B) | | Prep Date: 11/29/2013 Analyst: MEP | | | | |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/29/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/29/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 32 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 7:30:00 AM |
| Lab ID: | 13110831-003B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/29/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Calcium | 130 | 100 | | µg/wipe | 10 | 11/29/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/29/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Copper | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Iron | ND | 10 | | µg/wipe | 10 | 11/29/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Manganese | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/29/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Zinc | 71 | 50 | | µg/wipe | 10 | 11/29/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 32/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 7:30:00 AM |
| Lab ID: | 13110831-004A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----|---|
| Mercury | SW7471A | | | | | |
| Mercury | 0.11 | 0.019 | | mg/Kg-dry | 1 | Prep Date: 12/2/2013 Analyst: LB 12/2/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | |
| Aluminum | 6600 | 230 | | mg/Kg-dry | 100 | Prep Date: 12/3/2013 Analyst: JG 12/3/2013 |
| Antimony | ND | 2.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Arsenic | 9.6 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 150 | 11 | | mg/Kg-dry | 100 | 12/3/2013 |
| Cadmium | 3.2 | 0.56 | | mg/Kg-dry | 10 | 12/3/2013 |
| Calcium | 48000 | 680 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 33 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 4.1 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 56 | 2.8 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 31000 | 340 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 420 | 0.56 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 1100 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Molybdenum | ND | 56 | | mg/Kg-dry | 100 | 12/3/2013 |
| Nickel | 19 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 730 | 340 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Thallium | ND | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | 27 | 5.6 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 240 | 2.8 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 22 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 900 | 5.6 | | mg/Kg-dry | 10 | 12/3/2013 |
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | | |
| Acenaphthene | 0.9 | 0.39 | | mg/Kg-dry | 1 | Prep Date: 12/2/2013 Analyst: DM 12/3/2013 |
| Acenaphthylene | ND | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Anthracene | 1.9 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benz(a)anthracene | 4 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(a)pyrene | 3.9 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(b)fluoranthene | 3.1 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(g,h,i)perylene | 3.1 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(k)fluoranthene | 2.7 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| 2-Chloronaphthalene | ND | 2 | | mg/Kg-dry | 1 | 12/3/2013 |
| Chrysene | 4.3 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Dibenz(a,h)anthracene | 1.6 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Fluoranthene | 9 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 32/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 7:30:00 AM |
| Lab ID: | 13110831-004A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|------|-----------|-----------|----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 12/2/2013 | Analyst: DM |
| Fluorene | 0.56 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Indeno(1,2,3-cd)pyrene | 2.4 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| 1-Methylnaphthalene | ND | 0.39 | * | mg/Kg-dry | 1 | 12/3/2013 |
| 2-Methylnaphthalene | ND | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Naphthalene | ND | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Phenanthrene | 7.5 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Pyrene | 8.8 | 0.39 | | mg/Kg-dry | 1 | 12/3/2013 |
| Percent Moisture | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 15.7 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

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Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 1 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 7:57:00 AM |
| Lab ID: | 13110831-005A | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|----|------------------------------------|---------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | Prep Date: 11/29/2013 Analyst: MEP | | | |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/29/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/29/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 1 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 7:57:00 AM |
| Lab ID: | 13110831-005B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | 5.4 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/29/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Calcium | 290 | 100 | | µg/wipe | 10 | 11/29/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/29/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Copper | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Iron | 35 | 10 | | µg/wipe | 10 | 11/29/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Manganese | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/29/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Zinc | 82 | 50 | | µg/wipe | 10 | 11/29/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 1/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 7:57:00 AM |
| Lab ID: | 13110831-006A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|----------|--------|----|-----------|-------|----|---------------|
|----------|--------|----|-----------|-------|----|---------------|

| | | | | | | |
|----------------|----------------|-------|--|-----------|----------------------|-------------|
| Mercury | SW7471A | | | | Prep Date: 12/2/2013 | Analyst: LB |
| Mercury | 0.16 | 0.025 | | mg/Kg-dry | 1 | 12/2/2013 |

| | | | | | | |
|-------------------------|-------------------------|------|---|-----------|----------------------|-------------|
| Metals by ICP/MS | SW6020 (SW3050B) | | | | Prep Date: 12/3/2013 | Analyst: JG |
| Aluminum | 17000 | 270 | | mg/Kg-dry | 100 | 12/3/2013 |
| Antimony | 3.5 | 2.7 | | mg/Kg-dry | 10 | 12/3/2013 |
| Arsenic | 15 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 190 | 13 | | mg/Kg-dry | 100 | 12/3/2013 |
| Cadmium | 1.5 | 0.67 | | mg/Kg-dry | 10 | 12/3/2013 |
| Calcium | 61000 | 800 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 36 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 9 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 55 | 3.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 38000 | 400 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 200 | 0.67 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 1100 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Molybdenum | ND | 67 | | mg/Kg-dry | 100 | 12/3/2013 |
| Nickel | 31 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 2300 | 400 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | 1.5 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Thallium | 1.5 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | 26 | 6.7 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 310 | 3.3 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 32 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 240 | 6.7 | | mg/Kg-dry | 10 | 12/3/2013 |

| | | | | | | |
|--|--------------------------|-------|--|-----------|----------------------|-------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 12/2/2013 | Analyst: DM |
| Acenaphthene | 0.077 | 0.044 | | mg/Kg-dry | 1 | 12/3/2013 |
| Acenaphthylene | 0.095 | 0.044 | | mg/Kg-dry | 1 | 12/3/2013 |
| Anthracene | 0.25 | 0.044 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benz(a)anthracene | 0.97 | 0.044 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(a)pyrene | 1 | 0.044 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(b)fluoranthene | 1 | 0.044 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(g,h,i)perylene | 0.84 | 0.044 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(k)fluoranthene | 0.88 | 0.044 | | mg/Kg-dry | 1 | 12/3/2013 |
| 2-Chloronaphthalene | ND | 0.22 | | mg/Kg-dry | 1 | 12/3/2013 |
| Chrysene | 1.1 | 0.044 | | mg/Kg-dry | 1 | 12/3/2013 |
| Dibenz(a,h)anthracene | 0.43 | 0.044 | | mg/Kg-dry | 1 | 12/3/2013 |
| Fluoranthene | 2 | 0.044 | | mg/Kg-dry | 1 | 12/3/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
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| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 1/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 7:57:00 AM |
| Lab ID: | 13110831-006A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | | | Prep Date: 12/2/2013 | Analyst: DM |
| Fluorene | 0.067 | 0.044 | | mg/Kg-dry | 1 | 12/3/2013 |
| Indeno(1,2,3-cd)pyrene | 0.73 | 0.044 | | mg/Kg-dry | 1 | 12/3/2013 |
| 1-Methylnaphthalene | ND | 0.044 | * | mg/Kg-dry | 1 | 12/3/2013 |
| 2-Methylnaphthalene | ND | 0.044 | | mg/Kg-dry | 1 | 12/3/2013 |
| Naphthalene | ND | 0.044 | | mg/Kg-dry | 1 | 12/3/2013 |
| Phenanthrene | 0.86 | 0.044 | | mg/Kg-dry | 1 | 12/3/2013 |
| Pyrene | 1.7 | 0.044 | | mg/Kg-dry | 1 | 12/3/2013 |
| Percent Moisture | | | | | | |
| | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 25.0 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 2 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 8:25:00 AM |
| Lab ID: | 13110831-007A | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|----|------------------------------------|---------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | Prep Date: 11/29/2013 Analyst: MEP | | | |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/29/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/29/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 2 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 8:25:00 AM |
| Lab ID: | 13110831-007B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | 37 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/29/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Calcium | 470 | 100 | | µg/wipe | 10 | 11/29/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/29/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Copper | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Iron | 74 | 10 | | µg/wipe | 10 | 11/29/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Manganese | 5.1 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/29/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Zinc | 75 | 50 | | µg/wipe | 10 | 11/29/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: 2/0-0.5'

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 8:25:00 AM

Lab ID: 13110831-008A

Matrix: Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|----------|--------|----|-----------|-------|----|---------------|
|----------|--------|----|-----------|-------|----|---------------|

| | | | | | | |
|----------------|----------------|-------|--|-----------|----------------------|-------------|
| Mercury | SW7471A | | | | Prep Date: 12/2/2013 | Analyst: LB |
| Mercury | 0.065 | 0.023 | | mg/Kg-dry | 1 | 12/2/2013 |

| | | | | | | |
|-------------------------|-------------------------|------|---|-----------|----------------------|-------------|
| Metals by ICP/MS | SW6020 (SW3050B) | | | | Prep Date: 12/3/2013 | Analyst: JG |
| Aluminum | 16000 | 260 | | mg/Kg-dry | 100 | 12/3/2013 |
| Antimony | ND | 2.6 | | mg/Kg-dry | 10 | 12/4/2013 |
| Arsenic | 8.2 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 130 | 1.3 | | mg/Kg-dry | 10 | 12/4/2013 |
| Cadmium | 1.2 | 0.66 | | mg/Kg-dry | 10 | 12/4/2013 |
| Calcium | 29000 | 790 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 24 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 9.7 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 38 | 3.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 29000 | 390 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 85 | 0.66 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 1100 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Molybdenum | ND | 6.6 | | mg/Kg-dry | 10 | 12/4/2013 |
| Nickel | 32 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 3000 | 390 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.3 | | mg/Kg-dry | 10 | 12/4/2013 |
| Thallium | ND | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | ND | 6.6 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 110 | 3.3 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 31 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 150 | 6.6 | | mg/Kg-dry | 10 | 12/3/2013 |

| | | | | | | |
|--|--------------------------|-------|--|-----------|----------------------|-------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 12/2/2013 | Analyst: DM |
| Acenaphthene | ND | 0.045 | | mg/Kg-dry | 1 | 12/3/2013 |
| Acenaphthylene | ND | 0.045 | | mg/Kg-dry | 1 | 12/3/2013 |
| Anthracene | ND | 0.045 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benz(a)anthracene | 0.071 | 0.045 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(a)pyrene | 0.086 | 0.045 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(b)fluoranthene | 0.099 | 0.045 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(g,h,i)perylene | 0.077 | 0.045 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(k)fluoranthene | 0.058 | 0.045 | | mg/Kg-dry | 1 | 12/3/2013 |
| 2-Chloronaphthalene | ND | 0.23 | | mg/Kg-dry | 1 | 12/3/2013 |
| Chrysene | 0.089 | 0.045 | | mg/Kg-dry | 1 | 12/3/2013 |
| Dibenz(a,h)anthracene | ND | 0.045 | | mg/Kg-dry | 1 | 12/3/2013 |
| Fluoranthene | 0.13 | 0.045 | | mg/Kg-dry | 1 | 12/3/2013 |

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 2/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 8:25:00 AM |
| Lab ID: | 13110831-008A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | | | Prep Date: 12/2/2013 | Analyst: DM |
| Fluorene | ND | 0.045 | | mg/Kg-dry | 1 | 12/3/2013 |
| Indeno(1,2,3-cd)pyrene | 0.067 | 0.045 | | mg/Kg-dry | 1 | 12/3/2013 |
| 1-Methylnaphthalene | ND | 0.045 | * | mg/Kg-dry | 1 | 12/3/2013 |
| 2-Methylnaphthalene | ND | 0.045 | | mg/Kg-dry | 1 | 12/3/2013 |
| Naphthalene | ND | 0.045 | | mg/Kg-dry | 1 | 12/3/2013 |
| Phenanthrene | 0.048 | 0.045 | | mg/Kg-dry | 1 | 12/3/2013 |
| Pyrene | 0.13 | 0.045 | | mg/Kg-dry | 1 | 12/3/2013 |
| Percent Moisture | | | | | | |
| | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 26.3 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

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HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 99A |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 8:48:00 AM |
| Lab ID: | 13110831-009A | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|----|------------------------------------|---------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | Prep Date: 11/29/2013 Analyst: MEP | | | |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/30/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/30/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 99A |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 8:48:00 AM |
| Lab ID: | 13110831-009B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | 59 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/29/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Barium | 4 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Calcium | 1000 | 100 | | µg/wipe | 10 | 11/29/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/29/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Copper | 13 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Iron | 190 | 10 | | µg/wipe | 10 | 11/29/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Manganese | 14 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/29/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Zinc | 85 | 50 | | µg/wipe | 10 | 11/29/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 99A/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 8:48:00 AM |
| Lab ID: | 13110831-010A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----|---------------------------|
| Mercury | SW7471A | | | | | |
| Mercury | 0.18 | 0.027 | | mg/Kg-dry | 1 | 12/2/2013 |
| Prep Date: | 12/2/2013 | | | | | Analyst: LB |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Analyst: JG |
| Aluminum | 8800 | 290 | | mg/Kg-dry | 100 | 12/3/2013 |
| Antimony | ND | 2.9 | | mg/Kg-dry | 10 | 12/4/2013 |
| Arsenic | 5.6 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 120 | 1.4 | | mg/Kg-dry | 10 | 12/4/2013 |
| Cadmium | 0.99 | 0.71 | | mg/Kg-dry | 10 | 12/4/2013 |
| Calcium | 70000 | 860 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 23 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 4.4 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 33 | 3.6 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 19000 | 430 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 180 | 0.71 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 610 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Molybdenum | ND | 7.1 | | mg/Kg-dry | 10 | 12/4/2013 |
| Nickel | 15 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 1300 | 430 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.4 | | mg/Kg-dry | 10 | 12/4/2013 |
| Thallium | ND | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | 49 | 7.1 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 220 | 3.6 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 18 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 190 | 7.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | | Analyst: DM |
| Acenaphthene | ND | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Acenaphthylene | ND | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Anthracene | ND | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benz(a)anthracene | 0.19 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(a)pyrene | 0.31 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(b)fluoranthene | 0.31 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(g,h,i)perylene | 0.33 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(k)fluoranthene | 0.25 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| 2-Chloronaphthalene | ND | 0.24 | | mg/Kg-dry | 1 | 12/3/2013 |
| Chrysene | 0.25 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Dibenz(a,h)anthracene | 0.15 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Fluoranthene | 0.42 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 99A/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 8:48:00 AM |
| Lab ID: | 13110831-010A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | | | Prep Date: 12/2/2013 | Analyst: DM |
| Fluorene | ND | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Indeno(1,2,3-cd)pyrene | 0.26 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| 1-Methylnaphthalene | ND | 0.046 | * | mg/Kg-dry | 1 | 12/3/2013 |
| 2-Methylnaphthalene | ND | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Naphthalene | ND | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Phenanthrene | 0.15 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Pyrene | 0.36 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Percent Moisture | | | | | | |
| | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 28.5 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 3 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 9:10:00 AM |
| Lab ID: | 13110831-011A | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|----|------------------------------------|---------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | Prep Date: 11/29/2013 Analyst: MEP | | | |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/30/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/30/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
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| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 3 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 9:10:00 AM |
| Lab ID: | 13110831-011B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | 10 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/29/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Barium | 18 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Calcium | 210 | 100 | | µg/wipe | 10 | 11/29/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/29/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Copper | 3.5 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Iron | ND | 10 | | µg/wipe | 10 | 11/29/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Manganese | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/29/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Zinc | 170 | 50 | | µg/wipe | 10 | 11/29/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 3/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 9:10:00 AM |
| Lab ID: | 13110831-012A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----|---------------------------|
| Mercury | SW7471A | | | | | |
| Mercury | 0.065 | 0.024 | | mg/Kg-dry | 1 | 12/2/2013 |
| Prep Date: | 12/2/2013 | | | | | Analyst: LB |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Analyst: JG |
| Aluminum | 14000 | 290 | | mg/Kg-dry | 100 | 12/3/2013 |
| Antimony | ND | 2.9 | | mg/Kg-dry | 10 | 12/4/2013 |
| Arsenic | 27 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 120 | 1.5 | | mg/Kg-dry | 10 | 12/4/2013 |
| Cadmium | ND | 0.73 | | mg/Kg-dry | 10 | 12/4/2013 |
| Calcium | 76000 | 870 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 33 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 6.8 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 38 | 3.6 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 21000 | 440 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 46 | 0.73 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 700 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Molybdenum | ND | 7.3 | | mg/Kg-dry | 10 | 12/4/2013 |
| Nickel | 16 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 2300 | 440 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.5 | | mg/Kg-dry | 10 | 12/4/2013 |
| Thallium | ND | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | ND | 7.3 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 160 | 3.6 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 23 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 130 | 7.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | | Analyst: DM |
| Acenaphthene | 0.055 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Acenaphthylene | ND | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Anthracene | 0.16 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benz(a)anthracene | 0.62 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(a)pyrene | 0.67 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(b)fluoranthene | 0.71 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(g,h,i)perylene | 0.56 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Benzo(k)fluoranthene | 0.6 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| 2-Chloronaphthalene | ND | 0.24 | | mg/Kg-dry | 1 | 12/3/2013 |
| Chrysene | 0.77 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Dibenz(a,h)anthracene | 0.26 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Fluoranthene | 1.8 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |

| | | |
|--------------------|---|--|
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 3/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 9:10:00 AM |
| Lab ID: | 13110831-012A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | | | Prep Date: 12/2/2013 | Analyst: DM |
| Fluorene | 0.063 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Indeno(1,2,3-cd)pyrene | 0.49 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| 1-Methylnaphthalene | ND | 0.046 | * | mg/Kg-dry | 1 | 12/3/2013 |
| 2-Methylnaphthalene | ND | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Naphthalene | ND | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Phenanthrene | 1.1 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Pyrene | 1.4 | 0.046 | | mg/Kg-dry | 1 | 12/3/2013 |
| Percent Moisture | | | | | | |
| | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 28.1 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

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RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
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E - Value above quantitation range
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Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: 12

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 9:45:00 AM

Lab ID: 13110831-013A

Matrix: Wipe

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------|------------------------------------|-----------|---------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| SW8270C (SW3550B) | | Prep Date: 11/29/2013 Analyst: MEP | | | | |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/30/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/30/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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R - RPD outside accepted recovery limits
E - Value above quantitation range
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 12 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 9:45:00 AM |
| Lab ID: | 13110831-013B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | 3 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/29/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Calcium | 130 | 100 | | µg/wipe | 10 | 11/29/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/29/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Copper | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Iron | ND | 10 | | µg/wipe | 10 | 11/29/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Manganese | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/29/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Zinc | 76 | 50 | | µg/wipe | 10 | 11/29/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 12/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 9:45:00 AM |
| Lab ID: | 13110831-014A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----|---|
| Mercury | SW7471A | | | | | |
| Mercury | 0.083 | 0.031 | | mg/Kg-dry | 1 | Prep Date: 12/2/2013 Analyst: LB 12/3/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | |
| Aluminum | 7800 | 310 | | mg/Kg-dry | 100 | Prep Date: 12/3/2013 Analyst: JG 12/3/2013 |
| Antimony | ND | 3.1 | | mg/Kg-dry | 10 | 12/4/2013 |
| Arsenic | 6.7 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 120 | 1.5 | | mg/Kg-dry | 10 | 12/4/2013 |
| Cadmium | 1.9 | 0.77 | | mg/Kg-dry | 10 | 12/4/2013 |
| Calcium | 54000 | 920 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 33 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 4.3 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 33 | 3.8 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 21000 | 460 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 350 | 0.77 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 1000 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Molybdenum | ND | 7.7 | | mg/Kg-dry | 10 | 12/4/2013 |
| Nickel | 15 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 1000 | 460 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.5 | | mg/Kg-dry | 10 | 12/4/2013 |
| Thallium | ND | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | 11 | 7.7 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 250 | 3.8 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 21 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 290 | 7.7 | | mg/Kg-dry | 10 | 12/3/2013 |
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | | |
| Acenaphthene | 0.17 | 0.051 | | mg/Kg-dry | 1 | Prep Date: 12/3/2013 Analyst: DM 12/4/2013 |
| Acenaphthylene | 0.96 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Anthracene | 1.2 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benz(a)anthracene | 5.4 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(a)pyrene | 6 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(b)fluoranthene | 6.1 | 0.26 | | mg/Kg-dry | 5 | 12/5/2013 |
| Benzo(g,h,i)perylene | 4.8 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(k)fluoranthene | 5.6 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Chloronaphthalene | ND | 0.26 | | mg/Kg-dry | 1 | 12/4/2013 |
| Chrysene | 6.3 | 0.26 | | mg/Kg-dry | 5 | 12/5/2013 |
| Dibenz(a,h)anthracene | 1.3 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Fluoranthene | 13 | 0.26 | | mg/Kg-dry | 5 | 12/5/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 12/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 9:45:00 AM |
| Lab ID: | 13110831-014A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Fluorene | 0.4 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Indeno(1,2,3-cd)pyrene | 4.3 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| 1-Methylnaphthalene | ND | 0.051 | * | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Methylnaphthalene | ND | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Naphthalene | ND | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Phenanthrene | 5.7 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Pyrene | 9.9 | 0.26 | | mg/Kg-dry | 5 | 12/5/2013 |
| Percent Moisture | | | | | | |
| | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 36.1 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|------------------------|
| Client: | Weaver Boos | Client Sample ID: | 21 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 10:10:00 AM |
| Lab ID: | 13110831-015A | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|----|------------------------------------|---------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | Prep Date: 11/29/2013 Analyst: MEP | | | |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/30/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/30/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|------------------------|
| Client: | Weaver Boos | Client Sample ID: | 21 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 10:10:00 AM |
| Lab ID: | 13110831-015B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | 58 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/29/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Calcium | 660 | 100 | | µg/wipe | 10 | 11/29/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/29/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Copper | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Iron | 120 | 10 | | µg/wipe | 10 | 11/29/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Manganese | 8.4 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/29/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Zinc | 81 | 50 | | µg/wipe | 10 | 11/29/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
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| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|------------------------|
| Client: | Weaver Boos | Client Sample ID: | 21/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 10:10:00 AM |
| Lab ID: | 13110831-016A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|----------------------|---------------|
| Mercury | | | | | | |
| | SW7471A | | | | Prep Date: 12/2/2013 | Analyst: LB |
| Mercury | 0.081 | 0.024 | | mg/Kg-dry | 1 | 12/3/2013 |
| Metals by ICP/MS | | | | | | |
| | SW6020 (SW3050B) | | | | Prep Date: 12/3/2013 | Analyst: JG |
| Aluminum | 7900 | 280 | | mg/Kg-dry | 100 | 12/3/2013 |
| Antimony | ND | 2.8 | | mg/Kg-dry | 10 | 12/4/2013 |
| Arsenic | 4.8 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 110 | 1.4 | | mg/Kg-dry | 10 | 12/4/2013 |
| Cadmium | 0.9 | 0.7 | | mg/Kg-dry | 10 | 12/4/2013 |
| Calcium | 15000 | 830 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 27 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 7.7 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 38 | 3.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 19000 | 420 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 88 | 0.7 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 780 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Molybdenum | ND | 7 | | mg/Kg-dry | 10 | 12/4/2013 |
| Nickel | 22 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 1900 | 420 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.4 | | mg/Kg-dry | 10 | 12/4/2013 |
| Thallium | ND | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | ND | 7 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 120 | 3.5 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 22 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 230 | 7 | | mg/Kg-dry | 10 | 12/3/2013 |
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Acenaphthene | ND | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Acenaphthylene | ND | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Anthracene | 0.047 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benz(a)anthracene | 0.21 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(a)pyrene | 0.27 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(b)fluoranthene | 0.26 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(g,h,i)perylene | 0.28 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(k)fluoranthene | 0.24 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Chloronaphthalene | ND | 0.22 | | mg/Kg-dry | 1 | 12/4/2013 |
| Chrysene | 0.28 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Dibenz(a,h)anthracene | 0.066 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Fluoranthene | 0.52 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |

| | | |
|--------------------|---|--|
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| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|------------------------|
| Client: | Weaver Boos | Client Sample ID: | 21/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 10:10:00 AM |
| Lab ID: | 13110831-016A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----------------------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Fluorene | ND | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Indeno(1,2,3-cd)pyrene | 0.21 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| 1-Methylnaphthalene | ND | 0.043 | * | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Methylnaphthalene | ND | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Naphthalene | ND | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Phenanthrene | 0.2 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Pyrene | 0.43 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Percent Moisture | | | | | | |
| | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 23.8 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

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HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
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Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: 29

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 10:40:00 AM

Lab ID: 13110831-017A

Matrix: Wipe

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------|--------------------------|-----------|-----------------------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | SW8270C (SW3550B) | | Prep Date: 11/29/2013 | | Analyst: MEP |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/30/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/30/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|------------------------|
| Client: | Weaver Boos | Client Sample ID: | 29 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 10:40:00 AM |
| Lab ID: | 13110831-017B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/29/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Calcium | 140 | 100 | | µg/wipe | 10 | 11/29/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/29/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Copper | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Iron | ND | 10 | | µg/wipe | 10 | 11/29/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Manganese | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/29/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Zinc | 69 | 50 | | µg/wipe | 10 | 11/29/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|------------------------|
| Client: | Weaver Boos | Client Sample ID: | 29/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 10:40:00 AM |
| Lab ID: | 13110831-018A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|----------|--------|----|-----------|-------|----|---------------|
|----------|--------|----|-----------|-------|----|---------------|

| | | | | | | |
|----------------|----------------|-------|--|-----------|----------------------|-------------|
| Mercury | SW7471A | | | | Prep Date: 12/2/2013 | Analyst: LB |
| Mercury | 0.27 | 0.025 | | mg/Kg-dry | 1 | 12/3/2013 |

| | | | | | | |
|-------------------------|-------------------------|------|---|-----------|----------------------|-------------|
| Metals by ICP/MS | SW6020 (SW3050B) | | | | Prep Date: 12/3/2013 | Analyst: JG |
| Aluminum | 11000 | 300 | | mg/Kg-dry | 100 | 12/3/2013 |
| Antimony | ND | 3 | | mg/Kg-dry | 10 | 12/4/2013 |
| Arsenic | 15 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 130 | 1.5 | | mg/Kg-dry | 10 | 12/4/2013 |
| Cadmium | 1.2 | 0.75 | | mg/Kg-dry | 10 | 12/4/2013 |
| Calcium | 36000 | 900 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 46 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 6.1 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 28 | 3.7 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 22000 | 450 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 160 | 0.75 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 1500 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Molybdenum | ND | 7.5 | | mg/Kg-dry | 10 | 12/4/2013 |
| Nickel | 16 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 1100 | 450 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.5 | | mg/Kg-dry | 10 | 12/4/2013 |
| Thallium | ND | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | ND | 7.5 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 230 | 3.7 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 30 | 1.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 230 | 7.5 | | mg/Kg-dry | 10 | 12/3/2013 |

| | | | | | | |
|--|--------------------------|-------|--|-----------|----------------------|-------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Acenaphthene | 0.05 | 0.047 | | mg/Kg-dry | 1 | 12/4/2013 |
| Acenaphthylene | 0.11 | 0.047 | | mg/Kg-dry | 1 | 12/4/2013 |
| Anthracene | 0.24 | 0.047 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benz(a)anthracene | 1 | 0.047 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(a)pyrene | 1.1 | 0.047 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(b)fluoranthene | 1.2 | 0.047 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(g,h,i)perylene | 0.98 | 0.047 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(k)fluoranthene | 1.1 | 0.047 | | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Chloronaphthalene | ND | 0.24 | | mg/Kg-dry | 1 | 12/4/2013 |
| Chrysene | 1.2 | 0.047 | | mg/Kg-dry | 1 | 12/4/2013 |
| Dibenz(a,h)anthracene | 0.27 | 0.047 | | mg/Kg-dry | 1 | 12/4/2013 |
| Fluoranthene | 2.2 | 0.047 | | mg/Kg-dry | 1 | 12/4/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|------------------------|
| Client: | Weaver Boos | Client Sample ID: | 29/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 10:40:00 AM |
| Lab ID: | 13110831-018A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----------------------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Fluorene | 0.064 | 0.047 | | mg/Kg-dry | 1 | 12/4/2013 |
| Indeno(1,2,3-cd)pyrene | 0.87 | 0.047 | | mg/Kg-dry | 1 | 12/4/2013 |
| 1-Methylnaphthalene | ND | 0.047 | * | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Methylnaphthalene | ND | 0.047 | | mg/Kg-dry | 1 | 12/4/2013 |
| Naphthalene | ND | 0.047 | | mg/Kg-dry | 1 | 12/4/2013 |
| Phenanthrene | 0.86 | 0.047 | | mg/Kg-dry | 1 | 12/4/2013 |
| Pyrene | 1.9 | 0.047 | | mg/Kg-dry | 1 | 12/4/2013 |
| Percent Moisture | | | | | | |
| | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 29.7 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|------------------------|
| Client: | Weaver Boos | Client Sample ID: | 37 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 10:52:00 AM |
| Lab ID: | 13110831-019A | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|----|------------------------------------|---------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | Prep Date: 11/29/2013 Analyst: MEP | | | |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/30/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/30/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|------------------------|
| Client: | Weaver Boos | Client Sample ID: | 37 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 10:52:00 AM |
| Lab ID: | 13110831-019B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | 160 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/29/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Barium | 3.3 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Calcium | 1100 | 100 | | µg/wipe | 10 | 11/29/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/29/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Copper | 4.6 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Iron | 430 | 10 | | µg/wipe | 10 | 11/29/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Manganese | 22 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Potassium | 150 | 150 | | µg/wipe | 10 | 11/29/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Titanium | 6.7 | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Zinc | 170 | 50 | | µg/wipe | 10 | 11/29/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|------------------------|
| Client: | Weaver Boos | Client Sample ID: | 37/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 10:52:00 AM |
| Lab ID: | 13110831-020A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|----------|--------|----|-----------|-------|----|---------------|
|----------|--------|----|-----------|-------|----|---------------|

| | | | | | | |
|----------------|----------------|-------|--|-----------|----------------------|-------------|
| Mercury | SW7471A | | | | Prep Date: 12/2/2013 | Analyst: LB |
| Mercury | 0.047 | 0.023 | | mg/Kg-dry | 1 | 12/3/2013 |

| | | | | | | |
|-------------------------|-------------------------|------|---|-----------|----------------------|-------------|
| Metals by ICP/MS | SW6020 (SW3050B) | | | | Prep Date: 12/3/2013 | Analyst: JG |
| Aluminum | 9300 | 240 | | mg/Kg-dry | 100 | 12/3/2013 |
| Antimony | ND | 2.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Arsenic | 6.3 | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 82 | 12 | | mg/Kg-dry | 100 | 12/3/2013 |
| Cadmium | ND | 0.61 | | mg/Kg-dry | 10 | 12/3/2013 |
| Calcium | 37000 | 730 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 19 | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 7.2 | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 22 | 3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 20000 | 370 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 44 | 0.61 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 470 | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Molybdenum | ND | 61 | | mg/Kg-dry | 100 | 12/3/2013 |
| Nickel | 18 | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 1500 | 370 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Thallium | ND | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | ND | 6.1 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 94 | 3 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 22 | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 180 | 6.1 | | mg/Kg-dry | 10 | 12/3/2013 |

| | | | | | | |
|--|--------------------------|-------|--|-----------|----------------------|-------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Acenaphthene | ND | 0.041 | | mg/Kg-dry | 1 | 12/4/2013 |
| Acenaphthylene | ND | 0.041 | | mg/Kg-dry | 1 | 12/4/2013 |
| Anthracene | ND | 0.041 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benz(a)anthracene | 0.16 | 0.041 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(a)pyrene | 0.14 | 0.041 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(b)fluoranthene | 0.17 | 0.041 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(g,h,i)perylene | 0.17 | 0.041 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(k)fluoranthene | 0.18 | 0.041 | | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Chloronaphthalene | ND | 0.21 | | mg/Kg-dry | 1 | 12/4/2013 |
| Chrysene | 0.19 | 0.041 | | mg/Kg-dry | 1 | 12/4/2013 |
| Dibenz(a,h)anthracene | 0.049 | 0.041 | | mg/Kg-dry | 1 | 12/4/2013 |
| Fluoranthene | 0.31 | 0.041 | | mg/Kg-dry | 1 | 12/4/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
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| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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| | | | |
|-------------------|--------------------------------------|--------------------------|------------------------|
| Client: | Weaver Boos | Client Sample ID: | 37/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 10:52:00 AM |
| Lab ID: | 13110831-020A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----------------------------|--------------------|
| <hr/> | | | | | | |
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Fluorene | ND | 0.041 | | mg/Kg-dry | 1 | 12/4/2013 |
| Indeno(1,2,3-cd)pyrene | 0.14 | 0.041 | | mg/Kg-dry | 1 | 12/4/2013 |
| 1-Methylnaphthalene | ND | 0.041 | * | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Methylnaphthalene | ND | 0.041 | | mg/Kg-dry | 1 | 12/4/2013 |
| Naphthalene | ND | 0.041 | | mg/Kg-dry | 1 | 12/4/2013 |
| Phenanthrene | 0.11 | 0.041 | | mg/Kg-dry | 1 | 12/4/2013 |
| Pyrene | 0.26 | 0.041 | | mg/Kg-dry | 1 | 12/4/2013 |
| Percent Moisture | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 20.6 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
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E - Value above quantitation range
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: 31

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 11:10:00 AM

Lab ID: 13110831-021A

Matrix: Wipe

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------|--------------------------|-----------|-----------------------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | SW8270C (SW3550B) | | Prep Date: 11/29/2013 | | Analyst: MEP |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/30/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/30/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|------------------------|
| Client: | Weaver Boos | Client Sample ID: | 31 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 11:10:00 AM |
| Lab ID: | 13110831-021B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | 56 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/29/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Calcium | 430 | 100 | | µg/wipe | 10 | 11/29/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/29/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Copper | 4 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Iron | 210 | 10 | | µg/wipe | 10 | 11/29/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Manganese | 9.6 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/29/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Titanium | 2.6 | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Zinc | 170 | 50 | | µg/wipe | 10 | 11/29/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: 31/0-0.5'

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 11:10:00 AM

Lab ID: 13110831-022A

Matrix: Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|----------|--------|----|-----------|-------|----|---------------|
|----------|--------|----|-----------|-------|----|---------------|

| | | | | | | |
|----------------|----------------|-------|--|-----------|---|-----------|
| Mercury | SW7471A | | | | | |
| Mercury | 0.074 | 0.022 | | mg/Kg-dry | 1 | 12/3/2013 |

Prep Date: 12/2/2013

Analyst: LB

| | | | | | | |
|-------------------------|-------------------------|--|--|--|--|--|
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | |
|-------------------------|-------------------------|--|--|--|--|--|

Prep Date: 12/3/2013

Analyst: JG

| | | | | | | |
|------------|-------|------|---|-----------|-----|-----------|
| Aluminum | 7500 | 220 | | mg/Kg-dry | 100 | 12/3/2013 |
| Antimony | ND | 2.2 | | mg/Kg-dry | 10 | 12/4/2013 |
| Arsenic | 4.4 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 240 | 1.1 | | mg/Kg-dry | 10 | 12/4/2013 |
| Cadmium | 2.2 | 0.54 | | mg/Kg-dry | 10 | 12/4/2013 |
| Calcium | 92000 | 650 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 110 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 6.9 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 120 | 2.7 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 39000 | 330 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 220 | 0.54 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 2300 | 11 | | mg/Kg-dry | 100 | 12/3/2013 |
| Molybdenum | 10 | 5.4 | | mg/Kg-dry | 10 | 12/4/2013 |
| Nickel | 31 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 530 | 330 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.1 | | mg/Kg-dry | 10 | 12/4/2013 |
| Thallium | ND | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | 34 | 5.4 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 280 | 2.7 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 31 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 580 | 5.4 | | mg/Kg-dry | 10 | 12/3/2013 |

| | | | | | | |
|--|--------------------------|--|--|--|--|--|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | | |
|--|--------------------------|--|--|--|--|--|

Prep Date: 12/3/2013

Analyst: DM

| | | | | | | |
|-----------------------|-------|-------|--|-----------|---|-----------|
| Acenaphthene | ND | 0.038 | | mg/Kg-dry | 1 | 12/4/2013 |
| Acenaphthylene | 0.064 | 0.038 | | mg/Kg-dry | 1 | 12/4/2013 |
| Anthracene | 0.14 | 0.038 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benz(a)anthracene | 0.63 | 0.038 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(a)pyrene | 0.87 | 0.038 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(b)fluoranthene | 0.89 | 0.038 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(g,h,i)perylene | 1.3 | 0.038 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(k)fluoranthene | 0.65 | 0.038 | | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Chloronaphthalene | ND | 0.19 | | mg/Kg-dry | 1 | 12/4/2013 |
| Chrysene | 0.84 | 0.038 | | mg/Kg-dry | 1 | 12/4/2013 |
| Dibenz(a,h)anthracene | 0.25 | 0.038 | | mg/Kg-dry | 1 | 12/4/2013 |
| Fluoranthene | 1.3 | 0.038 | | mg/Kg-dry | 1 | 12/4/2013 |

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|------------------------|
| Client: | Weaver Boos | Client Sample ID: | 31/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 11:10:00 AM |
| Lab ID: | 13110831-022A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----------------------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Fluorene | ND | 0.038 | | mg/Kg-dry | 1 | 12/4/2013 |
| Indeno(1,2,3-cd)pyrene | 0.78 | 0.038 | | mg/Kg-dry | 1 | 12/4/2013 |
| 1-Methylnaphthalene | 0.041 | 0.038 | * | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Methylnaphthalene | 0.081 | 0.038 | | mg/Kg-dry | 1 | 12/4/2013 |
| Naphthalene | 0.053 | 0.038 | | mg/Kg-dry | 1 | 12/4/2013 |
| Phenanthrene | 0.61 | 0.038 | | mg/Kg-dry | 1 | 12/4/2013 |
| Pyrene | 1.1 | 0.038 | | mg/Kg-dry | 1 | 12/4/2013 |
| Percent Moisture | | | | | | |
| | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 12.3 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: DUP-3

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013

Lab ID: 13110831-023A

Matrix: Wipe

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------|--------------------------|-----------|-----------------------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | SW8270C (SW3550B) | | Prep Date: 11/29/2013 | | Analyst: MEP |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/30/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/30/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: DUP-3

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013

Lab ID: 13110831-023B

Matrix: Wipe

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | 60 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/29/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Calcium | 550 | 100 | | µg/wipe | 10 | 11/29/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/29/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Copper | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Iron | 100 | 10 | | µg/wipe | 10 | 11/29/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Manganese | 7.9 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/29/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Zinc | 77 | 50 | | µg/wipe | 10 | 11/29/2013 |

Qualifiers:

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* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: DUP-3/0-0.5'

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013

Lab ID: 13110831-024A

Matrix: Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|----------|--------|----|-----------|-------|----|---------------|
|----------|--------|----|-----------|-------|----|---------------|

| | | | | | | |
|----------------|----------------|-------|--|-----------|----------------------|-------------|
| Mercury | SW7471A | | | | Prep Date: 12/2/2013 | Analyst: LB |
| Mercury | 0.087 | 0.028 | | mg/Kg-dry | 1 | 12/3/2013 |

| | | | | | | |
|-------------------------|-------------------------|------|---|-----------|----------------------|-------------|
| Metals by ICP/MS | SW6020 (SW3050B) | | | | Prep Date: 12/3/2013 | Analyst: JG |
| Aluminum | 9700 | 280 | | mg/Kg-dry | 100 | 12/3/2013 |
| Antimony | ND | 2.8 | | mg/Kg-dry | 10 | 12/4/2013 |
| Arsenic | 5 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 130 | 1.4 | | mg/Kg-dry | 10 | 12/4/2013 |
| Cadmium | 1.1 | 0.71 | | mg/Kg-dry | 10 | 12/4/2013 |
| Calcium | 20000 | 850 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 30 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 8.3 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 38 | 3.6 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 24000 | 430 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 110 | 0.71 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 840 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Molybdenum | ND | 7.1 | | mg/Kg-dry | 10 | 12/4/2013 |
| Nickel | 33 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 2400 | 430 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.4 | | mg/Kg-dry | 10 | 12/4/2013 |
| Thallium | ND | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | ND | 7.1 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 110 | 3.6 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 23 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 230 | 7.1 | | mg/Kg-dry | 10 | 12/3/2013 |

| | | | | | | |
|--|--------------------------|-------|--|-----------|----------------------|-------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Acenaphthene | ND | 0.048 | | mg/Kg-dry | 1 | 12/4/2013 |
| Acenaphthylene | ND | 0.048 | | mg/Kg-dry | 1 | 12/4/2013 |
| Anthracene | 0.059 | 0.048 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benz(a)anthracene | 0.24 | 0.048 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(a)pyrene | 0.32 | 0.048 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(b)fluoranthene | 0.31 | 0.048 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(g,h,i)perylene | 0.3 | 0.048 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(k)fluoranthene | 0.28 | 0.048 | | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Chloronaphthalene | ND | 0.25 | | mg/Kg-dry | 1 | 12/4/2013 |
| Chrysene | 0.32 | 0.048 | | mg/Kg-dry | 1 | 12/4/2013 |
| Dibenz(a,h)anthracene | ND | 0.048 | | mg/Kg-dry | 1 | 12/4/2013 |
| Fluoranthene | 0.6 | 0.048 | | mg/Kg-dry | 1 | 12/4/2013 |

Qualifiers:

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* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: DUP-3/0-0.5'

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013

Lab ID: 13110831-024A

Matrix: Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Fluorene | ND | 0.048 | | mg/Kg-dry | 1 | 12/4/2013 |
| Indeno(1,2,3-cd)pyrene | 0.24 | 0.048 | | mg/Kg-dry | 1 | 12/4/2013 |
| 1-Methylnaphthalene | ND | 0.048 | * | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Methylnaphthalene | ND | 0.048 | | mg/Kg-dry | 1 | 12/4/2013 |
| Naphthalene | ND | 0.048 | | mg/Kg-dry | 1 | 12/4/2013 |
| Phenanthrene | 0.26 | 0.048 | | mg/Kg-dry | 1 | 12/4/2013 |
| Pyrene | 0.5 | 0.048 | | mg/Kg-dry | 1 | 12/4/2013 |
| Percent Moisture | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 31.1 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: Field Blank-2

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 9:10:00 AM

Lab ID: 13110831-025A

Matrix: Wipe

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|----|------------------------------------|---------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | Prep Date: 11/29/2013 Analyst: MEP | | | |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/30/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/30/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | Field Blank-2 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 9:10:00 AM |
| Lab ID: | 13110831-025B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/29/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Calcium | 160 | 100 | | µg/wipe | 10 | 11/29/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/29/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Copper | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Iron | ND | 10 | | µg/wipe | 10 | 11/29/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Manganese | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/29/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Zinc | 76 | 50 | | µg/wipe | 10 | 11/29/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: Field Blank-3

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 1:50:00 PM

Lab ID: 13110831-026A

Matrix: Wipe

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------|------------------------------------|-----------|---------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| SW8270C (SW3550B) | | Prep Date: 11/29/2013 Analyst: MEP | | | | |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/30/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/30/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: Field Blank-3

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 1:50:00 PM

Lab ID: 13110831-026B

Matrix: Wipe

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|----------|--------|----|-----------|-------|----|---------------|
|----------|--------|----|-----------|-------|----|---------------|

| | | | | | | |
|----------------|----------------|-------|--|---------|---|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |

| | | | | | | |
|-------------------------|-------------------------|-----|---|---------|----|-----------------------------------|
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/29/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Calcium | 240 | 100 | | µg/wipe | 10 | 11/29/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/29/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Copper | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Iron | ND | 10 | | µg/wipe | 10 | 11/29/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Manganese | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/29/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Zinc | 77 | 50 | | µg/wipe | 10 | 11/29/2013 |

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: 88

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 12:45:00 PM

Lab ID: 13110831-027A

Matrix: Wipe

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------|--------------------------|-----------|------------------------------------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | SW8270C (SW3550B) | | Prep Date: 11/29/2013 Analyst: MEP | | |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/30/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/30/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|------------------------|
| Client: | Weaver Boos | Client Sample ID: | 88 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 12:45:00 PM |
| Lab ID: | 13110831-027B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | 9.1 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/29/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Calcium | 300 | 100 | | µg/wipe | 10 | 11/29/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/29/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Copper | 3.1 | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Iron | 21 | 10 | | µg/wipe | 10 | 11/29/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Manganese | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/29/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/29/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/29/2013 |
| Zinc | 160 | 50 | | µg/wipe | 10 | 11/29/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|------------------------|
| Client: | Weaver Boos | Client Sample ID: | 88/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 12:50:00 PM |
| Lab ID: | 13110831-028A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|----------------------|---------------|
| Mercury | | | | | | |
| | SW7471A | | | | Prep Date: 12/2/2013 | Analyst: LB |
| Mercury | 0.048 | 0.023 | | mg/Kg-dry | 1 | 12/3/2013 |
| Metals by ICP/MS | | | | | | |
| | SW6020 (SW3050B) | | | | Prep Date: 12/3/2013 | Analyst: JG |
| Aluminum | 11000 | 290 | | mg/Kg-dry | 100 | 12/3/2013 |
| Antimony | ND | 2.9 | | mg/Kg-dry | 10 | 12/4/2013 |
| Arsenic | 7.4 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 110 | 1.4 | | mg/Kg-dry | 10 | 12/4/2013 |
| Cadmium | ND | 0.71 | | mg/Kg-dry | 10 | 12/4/2013 |
| Calcium | 12000 | 860 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 24 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 6.4 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 33 | 3.6 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 20000 | 430 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 49 | 0.71 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 400 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Molybdenum | ND | 7.1 | | mg/Kg-dry | 10 | 12/4/2013 |
| Nickel | 18 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 1700 | 430 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.4 | | mg/Kg-dry | 10 | 12/4/2013 |
| Thallium | ND | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | ND | 7.1 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 100 | 3.6 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 28 | 1.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 150 | 7.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Acenaphthene | ND | 0.044 | | mg/Kg-dry | 1 | 12/4/2013 |
| Acenaphthylene | ND | 0.044 | | mg/Kg-dry | 1 | 12/4/2013 |
| Anthracene | ND | 0.044 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benz(a)anthracene | 0.18 | 0.044 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(a)pyrene | 0.22 | 0.044 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(b)fluoranthene | 0.27 | 0.044 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(g,h,i)perylene | 0.24 | 0.044 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(k)fluoranthene | 0.17 | 0.044 | | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Chloronaphthalene | ND | 0.23 | | mg/Kg-dry | 1 | 12/4/2013 |
| Chrysene | 0.22 | 0.044 | | mg/Kg-dry | 1 | 12/4/2013 |
| Dibenz(a,h)anthracene | 0.046 | 0.044 | | mg/Kg-dry | 1 | 12/4/2013 |
| Fluoranthene | 0.41 | 0.044 | | mg/Kg-dry | 1 | 12/4/2013 |

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|------------------------|
| Client: | Weaver Boos | Client Sample ID: | 88/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 12:50:00 PM |
| Lab ID: | 13110831-028A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----------------------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Fluorene | ND | 0.044 | | mg/Kg-dry | 1 | 12/4/2013 |
| Indeno(1,2,3-cd)pyrene | 0.18 | 0.044 | | mg/Kg-dry | 1 | 12/4/2013 |
| 1-Methylnaphthalene | ND | 0.044 | * | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Methylnaphthalene | ND | 0.044 | | mg/Kg-dry | 1 | 12/4/2013 |
| Naphthalene | ND | 0.044 | | mg/Kg-dry | 1 | 12/4/2013 |
| Phenanthrene | 0.14 | 0.044 | | mg/Kg-dry | 1 | 12/4/2013 |
| Pyrene | 0.36 | 0.044 | | mg/Kg-dry | 1 | 12/4/2013 |
| Percent Moisture | | | | | | |
| | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 26.0 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 6 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 1:20:00 PM |
| Lab ID: | 13110831-029A | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|----|------------------------------------|---------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | Prep Date: 11/29/2013 Analyst: MEP | | | |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/30/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/30/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 6 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 1:20:00 PM |
| Lab ID: | 13110831-029B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | 27 | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/30/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Calcium | 630 | 100 | | µg/wipe | 10 | 11/30/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/30/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Copper | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Iron | 93 | 10 | | µg/wipe | 10 | 11/30/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Manganese | 5.8 | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Potassium | 160 | 150 | | µg/wipe | 10 | 11/30/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/30/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/30/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Zinc | 86 | 50 | | µg/wipe | 10 | 11/30/2013 |

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 6/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 1:25:00 PM |
| Lab ID: | 13110831-030A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----|---|
| Mercury | SW7471A | | | | | |
| Mercury | 0.072 | 0.025 | | mg/Kg-dry | 1 | Prep Date: 12/2/2013 Analyst: LB 12/3/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | |
| Aluminum | 7600 | 250 | | mg/Kg-dry | 100 | Prep Date: 12/3/2013 Analyst: JG 12/4/2013 |
| Antimony | ND | 2.5 | | mg/Kg-dry | 10 | 12/4/2013 |
| Arsenic | 8.2 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 110 | 1.3 | | mg/Kg-dry | 10 | 12/4/2013 |
| Cadmium | 1.7 | 0.63 | | mg/Kg-dry | 10 | 12/4/2013 |
| Calcium | 47000 | 760 | | mg/Kg-dry | 100 | 12/4/2013 |
| Chromium | 28 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 4.7 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 39 | 3.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 20000 | 380 | | mg/Kg-dry | 100 | 12/4/2013 |
| Lead | 150 | 0.63 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 1100 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Molybdenum | ND | 6.3 | | mg/Kg-dry | 10 | 12/4/2013 |
| Nickel | 14 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 930 | 380 | | mg/Kg-dry | 100 | 12/4/2013 |
| Selenium | ND | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.3 | | mg/Kg-dry | 10 | 12/4/2013 |
| Thallium | ND | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | 7.4 | 6.3 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 210 | 3.2 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 19 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 300 | 6.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | | |
| Acenaphthene | ND | 0.042 | | mg/Kg-dry | 1 | Prep Date: 12/3/2013 Analyst: DM 12/4/2013 |
| Acenaphthylene | ND | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Anthracene | 0.061 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benz(a)anthracene | 0.22 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(a)pyrene | 0.26 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(b)fluoranthene | 0.27 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(g,h,i)perylene | 0.25 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(k)fluoranthene | 0.18 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Chloronaphthalene | ND | 0.22 | | mg/Kg-dry | 1 | 12/4/2013 |
| Chrysene | 0.27 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Dibenz(a,h)anthracene | 0.075 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Fluoranthene | 0.42 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 6/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 1:25:00 PM |
| Lab ID: | 13110831-030A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Fluorene | ND | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Indeno(1,2,3-cd)pyrene | 0.18 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| 1-Methylnaphthalene | ND | 0.042 | * | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Methylnaphthalene | ND | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Naphthalene | ND | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Phenanthrene | 0.25 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Pyrene | 0.38 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Percent Moisture | | | | | | |
| | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 22.4 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: 18

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 1:40:00 PM

Lab ID: 13110831-031A

Matrix: Wipe

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------|--------------------------|-----------|-----------------------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | SW8270C (SW3550B) | | Prep Date: 11/29/2013 | | Analyst: MEP |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/30/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/30/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 18 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 1:40:00 PM |
| Lab ID: | 13110831-031B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | 64 | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/30/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Calcium | 420 | 100 | | µg/wipe | 10 | 11/30/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/30/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Copper | 3.6 | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Iron | 180 | 10 | | µg/wipe | 10 | 11/30/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Manganese | 13 | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/30/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/30/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/30/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Zinc | 160 | 50 | | µg/wipe | 10 | 11/30/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
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| | HT - Sample received past holding time | E - Value above quantitation range |
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 18/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 1:45:00 PM |
| Lab ID: | 13110831-032A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----|---------------------------|
| Mercury | SW7471A | | | | | |
| Mercury | 0.75 | 0.027 | | mg/Kg-dry | 1 | 12/3/2013 |
| Prep Date: | 12/2/2013 | | | | | Analyst: LB |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Analyst: JG |
| Aluminum | 8200 | 340 | | mg/Kg-dry | 100 | 12/3/2013 |
| Antimony | ND | 3.4 | | mg/Kg-dry | 10 | 12/4/2013 |
| Arsenic | 27 | 1.7 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 320 | 1.7 | | mg/Kg-dry | 10 | 12/4/2013 |
| Cadmium | 5.2 | 0.84 | | mg/Kg-dry | 10 | 12/4/2013 |
| Calcium | 54000 | 1000 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 99 | 1.7 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 5.1 | 1.7 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 89 | 4.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 32000 | 500 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 660 | 0.84 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 1700 | 1.7 | | mg/Kg-dry | 10 | 12/3/2013 |
| Molybdenum | ND | 8.4 | | mg/Kg-dry | 10 | 12/4/2013 |
| Nickel | 24 | 1.7 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 1200 | 500 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.7 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.7 | | mg/Kg-dry | 10 | 12/4/2013 |
| Thallium | ND | 1.7 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | 16 | 8.4 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 260 | 4.2 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 32 | 1.7 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 650 | 8.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | | Analyst: DM |
| Acenaphthene | 0.51 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Acenaphthylene | 0.072 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Anthracene | 1 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benz(a)anthracene | 4.4 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(a)pyrene | 4.9 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(b)fluoranthene | 4.4 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(g,h,i)perylene | 4 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(k)fluoranthene | 4.1 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Chloronaphthalene | ND | 0.26 | | mg/Kg-dry | 1 | 12/4/2013 |
| Chrysene | 5 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Dibenz(a,h)anthracene | 1.4 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Fluoranthene | 9.5 | 0.26 | | mg/Kg-dry | 5 | 12/5/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 18/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 1:45:00 PM |
| Lab ID: | 13110831-032A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----------------------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Fluorene | 0.34 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Indeno(1,2,3-cd)pyrene | 3.4 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| 1-Methylnaphthalene | 0.11 | 0.051 | * | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Methylnaphthalene | 0.17 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Naphthalene | 0.13 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Phenanthrene | 5.3 | 0.051 | | mg/Kg-dry | 1 | 12/4/2013 |
| Pyrene | 7.9 | 0.26 | | mg/Kg-dry | 5 | 12/5/2013 |
| Percent Moisture | | | | | | |
| | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 36.2 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

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HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
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E - Value above quantitation range
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: 43

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 2:10:00 PM

Lab ID: 13110831-033A

Matrix: Wipe

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------|--------------------------|-----------|-----------------------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | SW8270C (SW3550B) | | Prep Date: 11/29/2013 | | Analyst: MEP |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/30/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/30/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

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S - Spike Recovery outside accepted recovery limits
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E - Value above quantitation range
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 43 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 2:10:00 PM |
| Lab ID: | 13110831-033B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | 25 | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/30/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Calcium | 340 | 100 | | µg/wipe | 10 | 11/30/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/30/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Copper | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Iron | 61 | 10 | | µg/wipe | 10 | 11/30/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Manganese | 3.8 | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Potassium | 160 | 150 | | µg/wipe | 10 | 11/30/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/30/2013 |
| Titanium | 3.8 | 2.5 | * | µg/wipe | 10 | 11/30/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Zinc | 76 | 50 | | µg/wipe | 10 | 11/30/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: 43/0-0.5'

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 2:15:00 PM

Lab ID: 13110831-034A

Matrix: Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----|--------------------|
| Mercury | SW7471A | | | | | |
| Mercury | 0.64 | 0.024 | | mg/Kg-dry | 1 | 12/3/2013 |
| Prep Date: 12/2/2013 | | | | | | Analyst: LB |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | |
| Aluminum | 9500 | 230 | | mg/Kg-dry | 100 | 12/3/2013 |
| Antimony | 2.9 | 2.3 | | mg/Kg-dry | 10 | 12/4/2013 |
| Arsenic | 8.9 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 170 | 1.1 | | mg/Kg-dry | 10 | 12/4/2013 |
| Cadmium | 3.1 | 0.57 | | mg/Kg-dry | 10 | 12/4/2013 |
| Calcium | 71000 | 690 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 92 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 5.4 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 70 | 2.9 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 36000 | 340 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 830 | 0.57 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 3300 | 11 | | mg/Kg-dry | 100 | 12/3/2013 |
| Molybdenum | 8.2 | 5.7 | | mg/Kg-dry | 10 | 12/4/2013 |
| Nickel | 23 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 590 | 340 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.1 | | mg/Kg-dry | 10 | 12/4/2013 |
| Thallium | ND | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | 17 | 5.7 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 370 | 2.9 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 36 | 1.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 580 | 5.7 | | mg/Kg-dry | 10 | 12/3/2013 |
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | | |
| Acenaphthene | ND | 0.41 | | mg/Kg-dry | 1 | 12/4/2013 |
| Acenaphthylene | ND | 0.41 | | mg/Kg-dry | 1 | 12/4/2013 |
| Anthracene | ND | 0.41 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benz(a)anthracene | 1.6 | 0.41 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(a)pyrene | 2.1 | 0.41 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(b)fluoranthene | 2.3 | 0.41 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(g,h,i)perylene | 2.5 | 0.41 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(k)fluoranthene | 1.7 | 0.41 | | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Chloronaphthalene | ND | 2.1 | | mg/Kg-dry | 1 | 12/4/2013 |
| Chrysene | 2.2 | 0.41 | | mg/Kg-dry | 1 | 12/4/2013 |
| Dibenz(a,h)anthracene | 0.7 | 0.41 | | mg/Kg-dry | 1 | 12/4/2013 |
| Fluoranthene | 3 | 0.41 | | mg/Kg-dry | 1 | 12/4/2013 |
| Prep Date: 12/3/2013 | | | | | | Analyst: DM |

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: 43/0-0.5'

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 2:15:00 PM

Lab ID: 13110831-034A

Matrix: Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|------|-----------|-----------|----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Fluorene | ND | 0.41 | | mg/Kg-dry | 1 | 12/4/2013 |
| Indeno(1,2,3-cd)pyrene | 1.8 | 0.41 | | mg/Kg-dry | 1 | 12/4/2013 |
| 1-Methylnaphthalene | ND | 0.41 | * | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Methylnaphthalene | ND | 0.41 | | mg/Kg-dry | 1 | 12/4/2013 |
| Naphthalene | ND | 0.41 | | mg/Kg-dry | 1 | 12/4/2013 |
| Phenanthrene | 1.4 | 0.41 | | mg/Kg-dry | 1 | 12/4/2013 |
| Pyrene | 2.6 | 0.41 | | mg/Kg-dry | 1 | 12/4/2013 |
| Percent Moisture | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 19.2 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

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B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: 98

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 2:25:00 PM

Lab ID: 13110831-035A

Matrix: Wipe

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------|------------------------------------|-----------|---------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| SW8270C (SW3550B) | | Prep Date: 11/29/2013 Analyst: MEP | | | | |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/30/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/30/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 98 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 2:25:00 PM |
| Lab ID: | 13110831-035B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | 17 | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/30/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Calcium | 360 | 100 | | µg/wipe | 10 | 11/30/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/30/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Copper | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Iron | 65 | 10 | | µg/wipe | 10 | 11/30/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Manganese | 3.9 | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Potassium | 180 | 150 | | µg/wipe | 10 | 11/30/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/30/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/30/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Zinc | 92 | 50 | | µg/wipe | 10 | 11/30/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 98/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 2:30:00 PM |
| Lab ID: | 13110831-036A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----|--------------------|
| Mercury | SW7471A | | | | | |
| Mercury | 0.13 | 0.026 | | mg/Kg-dry | 1 | 12/3/2013 |
| Prep Date: | 12/2/2013 | | | | | Analyst: LB |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Analyst: JG |
| Aluminum | 11000 | 240 | | mg/Kg-dry | 100 | 12/3/2013 |
| Antimony | ND | 2.4 | | mg/Kg-dry | 10 | 12/4/2013 |
| Arsenic | 9 | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 140 | 1.2 | | mg/Kg-dry | 10 | 12/4/2013 |
| Cadmium | 1.9 | 0.6 | | mg/Kg-dry | 10 | 12/4/2013 |
| Calcium | 43000 | 720 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 68 | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 6.1 | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 53 | 3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 30000 | 360 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 470 | 0.6 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 2600 | 12 | | mg/Kg-dry | 100 | 12/3/2013 |
| Molybdenum | ND | 6 | | mg/Kg-dry | 10 | 12/4/2013 |
| Nickel | 26 | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 1700 | 360 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | 1.2 | 1.2 | | mg/Kg-dry | 10 | 12/4/2013 |
| Thallium | ND | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | 8.5 | 6 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 180 | 3 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 34 | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 470 | 6 | | mg/Kg-dry | 10 | 12/3/2013 |
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | | Analyst: DM |
| Acenaphthene | ND | 0.43 | | mg/Kg-dry | 1 | 12/4/2013 |
| Acenaphthylene | ND | 0.43 | | mg/Kg-dry | 1 | 12/4/2013 |
| Anthracene | 0.47 | 0.43 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benz(a)anthracene | 2.2 | 0.43 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(a)pyrene | 2.5 | 0.43 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(b)fluoranthene | 2.6 | 0.43 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(g,h,i)perylene | 2.4 | 0.43 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(k)fluoranthene | 1.9 | 0.43 | | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Chloronaphthalene | ND | 2.2 | | mg/Kg-dry | 1 | 12/4/2013 |
| Chrysene | 2.6 | 0.43 | | mg/Kg-dry | 1 | 12/4/2013 |
| Dibenz(a,h)anthracene | 0.66 | 0.43 | | mg/Kg-dry | 1 | 12/4/2013 |
| Fluoranthene | 4.8 | 0.43 | | mg/Kg-dry | 1 | 12/4/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

STAT Analysis Corporation*2242 West Harrison St., Suite 200, Chicago, IL 60612-3766**Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com**Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202***Report Date:** January 13, 2014**Print Date:** January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 98/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 2:30:00 PM |
| Lab ID: | 13110831-036A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|------|-----------|-----------|-----------------------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Fluorene | ND | 0.43 | | mg/Kg-dry | 1 | 12/4/2013 |
| Indeno(1,2,3-cd)pyrene | 1.8 | 0.43 | | mg/Kg-dry | 1 | 12/4/2013 |
| 1-Methylnaphthalene | ND | 0.43 | * | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Methylnaphthalene | ND | 0.43 | | mg/Kg-dry | 1 | 12/4/2013 |
| Naphthalene | ND | 0.43 | | mg/Kg-dry | 1 | 12/4/2013 |
| Phenanthrene | 2.4 | 0.43 | | mg/Kg-dry | 1 | 12/4/2013 |
| Pyrene | 4.1 | 0.43 | | mg/Kg-dry | 1 | 12/4/2013 |
| Percent Moisture | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 23.7 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: 114

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 3:40:00 PM

Lab ID: 13110831-037A

Matrix: Wipe

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------|--------------------------|-----------|-----------------------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | SW8270C (SW3550B) | | Prep Date: 11/29/2013 | | Analyst: MEP |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/30/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/30/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/30/2013 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

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E - Value above quantitation range
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 114 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 3:40:00 PM |
| Lab ID: | 13110831-037B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/30/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | 8.5 | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/30/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Calcium | 1500 | 100 | | µg/wipe | 10 | 11/30/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/30/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Copper | 3.4 | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Iron | 30 | 10 | | µg/wipe | 10 | 11/30/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Manganese | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/30/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/30/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/30/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Zinc | 170 | 50 | | µg/wipe | 10 | 11/30/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 114/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 3:45:00 PM |
| Lab ID: | 13110831-038A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|----------|--------|----|-----------|-------|----|---------------|
|----------|--------|----|-----------|-------|----|---------------|

| | | | | | | |
|----------------|----------------|-------|--|-----------|----------------------|-------------|
| Mercury | SW7471A | | | | Prep Date: 12/2/2013 | Analyst: LB |
| Mercury | 0.057 | 0.026 | | mg/Kg-dry | 1 | 12/3/2013 |

| | | | | | | |
|-------------------------|-------------------------|------|---|-----------|----------------------|-------------|
| Metals by ICP/MS | SW6020 (SW3050B) | | | | Prep Date: 12/3/2013 | Analyst: JG |
| Aluminum | 6200 | 270 | | mg/Kg-dry | 100 | 12/3/2013 |
| Antimony | ND | 2.7 | | mg/Kg-dry | 10 | 12/4/2013 |
| Arsenic | 5.3 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 57 | 1.3 | | mg/Kg-dry | 10 | 12/4/2013 |
| Cadmium | ND | 0.67 | | mg/Kg-dry | 10 | 12/4/2013 |
| Calcium | 13000 | 810 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 18 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 4 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 24 | 3.4 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 11000 | 400 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 60 | 0.67 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 240 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Molybdenum | ND | 6.7 | | mg/Kg-dry | 10 | 12/4/2013 |
| Nickel | 13 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 650 | 400 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.3 | | mg/Kg-dry | 10 | 12/4/2013 |
| Thallium | ND | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | ND | 6.7 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 89 | 3.4 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 18 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 120 | 6.7 | | mg/Kg-dry | 10 | 12/3/2013 |

| | | | | | | |
|--|--------------------------|-------|--|-----------|----------------------|-------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Acenaphthene | ND | 0.045 | | mg/Kg-dry | 1 | 12/4/2013 |
| Acenaphthylene | ND | 0.045 | | mg/Kg-dry | 1 | 12/4/2013 |
| Anthracene | 0.1 | 0.045 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benz(a)anthracene | 0.43 | 0.045 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(a)pyrene | 0.49 | 0.045 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(b)fluoranthene | 0.62 | 0.045 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(g,h,i)perylene | 0.43 | 0.045 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(k)fluoranthene | 0.43 | 0.045 | | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Chloronaphthalene | ND | 0.23 | | mg/Kg-dry | 1 | 12/4/2013 |
| Chrysene | 0.55 | 0.045 | | mg/Kg-dry | 1 | 12/4/2013 |
| Dibenz(a,h)anthracene | 0.14 | 0.045 | | mg/Kg-dry | 1 | 12/4/2013 |
| Fluoranthene | 1.1 | 0.045 | | mg/Kg-dry | 1 | 12/4/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 114/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 3:45:00 PM |
| Lab ID: | 13110831-038A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----------------------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Fluorene | ND | 0.045 | | mg/Kg-dry | 1 | 12/4/2013 |
| Indeno(1,2,3-cd)pyrene | 0.36 | 0.045 | | mg/Kg-dry | 1 | 12/4/2013 |
| 1-Methylnaphthalene | ND | 0.045 | * | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Methylnaphthalene | ND | 0.045 | | mg/Kg-dry | 1 | 12/4/2013 |
| Naphthalene | ND | 0.045 | | mg/Kg-dry | 1 | 12/4/2013 |
| Phenanthrene | 0.48 | 0.045 | | mg/Kg-dry | 1 | 12/4/2013 |
| Pyrene | 0.87 | 0.045 | | mg/Kg-dry | 1 | 12/4/2013 |
| Percent Moisture | | | | | | |
| | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 27.6 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 118 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 4:10:00 PM |
| Lab ID: | 13110831-039A | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|----|------------------------------------|---------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | Prep Date: 11/29/2013 Analyst: MEP | | | |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/29/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/29/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 118 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 4:10:00 PM |
| Lab ID: | 13110831-039B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/29/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | 22 | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/30/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Calcium | 370 | 100 | | µg/wipe | 10 | 11/30/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/30/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Copper | 2.8 | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Iron | 38 | 10 | | µg/wipe | 10 | 11/30/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Manganese | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/30/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/30/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/30/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Zinc | 76 | 50 | | µg/wipe | 10 | 11/30/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 118/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 4:15:00 PM |
| Lab ID: | 13110831-040A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----|---|
| Mercury | SW7471A | | | | | |
| Mercury | 0.085 | 0.025 | | mg/Kg-dry | 1 | Prep Date: 12/2/2013 Analyst: LB 12/3/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | |
| Aluminum | 4100 | 260 | | mg/Kg-dry | 100 | Prep Date: 12/3/2013 Analyst: JG 12/3/2013 |
| Antimony | ND | 2.6 | | mg/Kg-dry | 10 | 12/4/2013 |
| Arsenic | 9.5 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 57 | 1.3 | | mg/Kg-dry | 10 | 12/4/2013 |
| Cadmium | 0.89 | 0.65 | | mg/Kg-dry | 10 | 12/4/2013 |
| Calcium | 14000 | 780 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 12 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 5.2 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 28 | 3.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 16000 | 390 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 63 | 0.65 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 260 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Molybdenum | ND | 6.5 | | mg/Kg-dry | 10 | 12/4/2013 |
| Nickel | 9.7 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 920 | 390 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.3 | | mg/Kg-dry | 10 | 12/4/2013 |
| Thallium | ND | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | ND | 6.5 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 62 | 3.2 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 12 | 1.3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 140 | 6.5 | | mg/Kg-dry | 10 | 12/3/2013 |
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | | |
| Acenaphthene | ND | 0.042 | | mg/Kg-dry | 1 | Prep Date: 12/3/2013 Analyst: DM 12/4/2013 |
| Acenaphthylene | ND | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Anthracene | ND | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benz(a)anthracene | 0.089 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(a)pyrene | 0.13 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(b)fluoranthene | 0.16 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(g,h,i)perylene | 0.15 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(k)fluoranthene | 0.11 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Chloronaphthalene | ND | 0.22 | | mg/Kg-dry | 1 | 12/4/2013 |
| Chrysene | 0.14 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Dibenz(a,h)anthracene | 0.045 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Fluoranthene | 0.18 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 118/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 4:15:00 PM |
| Lab ID: | 13110831-040A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----------------------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Fluorene | ND | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Indeno(1,2,3-cd)pyrene | 0.11 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| 1-Methylnaphthalene | ND | 0.042 | * | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Methylnaphthalene | ND | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Naphthalene | ND | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Phenanthrene | 0.068 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Pyrene | 0.17 | 0.042 | | mg/Kg-dry | 1 | 12/4/2013 |
| Percent Moisture | | | | | | |
| | D2974 | | | | Prep Date: 12/2/2013 | Analyst: VA |
| Percent Moisture | 22.7 | 0.2 | * | wt% | 1 | 12/2/2013 |

Qualifiers:

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B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
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Report Date: January 13, 2014

Print Date: January 13, 2014

Client: Weaver Boos

Client Sample ID: 113

Lab Order: 13110831

Tag Number:

Project: 3682-300-07, Pet Coke and Coal Study

Collection Date: 11/27/2013 4:40:00 PM

Lab ID: 13110831-041A

Matrix: Wipe

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------|--------------------------|-----------|-----------------------|----|---------------|
| Semivolatile Organic Compounds by GC/MS | | SW8270C (SW3550B) | | Prep Date: 11/29/2013 | | Analyst: MEP |
| Acenaphthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Acenaphthylene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benz(a)anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(a)pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(b)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(g,h,i)perylene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Benzo(k)fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| 2-Chloronaphthalene | ND | 5 | | µg/wipe | 1 | 11/29/2013 |
| Chrysene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Dibenz(a,h)anthracene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Fluoranthene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Fluorene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Indeno(1,2,3-cd)pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| 1-Methylnaphthalene | ND | 1 | * | µg/wipe | 1 | 11/29/2013 |
| 2-Methylnaphthalene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Naphthalene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Phenanthrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |
| Pyrene | ND | 1 | | µg/wipe | 1 | 11/29/2013 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 113 |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 4:40:00 PM |
| Lab ID: | 13110831-041B | Matrix: | Wipe |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|-------------------------|-------------------------|-------|-----------|---------|----|-----------------------------------|
| Mercury | SW7471A | | | | | Prep Date: 11/29/2013 Analyst: LB |
| Mercury | ND | 0.018 | | µg/wipe | 1 | 11/29/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | Prep Date: 11/29/2013 Analyst: JG |
| Aluminum | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Antimony | ND | 5 | | µg/wipe | 10 | 11/30/2013 |
| Arsenic | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Barium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Cadmium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Calcium | 170 | 100 | | µg/wipe | 10 | 11/30/2013 |
| Chromium | ND | 12 | | µg/wipe | 10 | 11/30/2013 |
| Cobalt | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Copper | 3.2 | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Iron | ND | 10 | | µg/wipe | 10 | 11/30/2013 |
| Lead | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Manganese | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Molybdenum | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Nickel | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Potassium | ND | 150 | | µg/wipe | 10 | 11/30/2013 |
| Selenium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Silver | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Thallium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Tin | ND | 2.5 | * | µg/wipe | 10 | 11/30/2013 |
| Titanium | ND | 2.5 | * | µg/wipe | 10 | 11/30/2013 |
| Vanadium | ND | 2.5 | | µg/wipe | 10 | 11/30/2013 |
| Zinc | 170 | 50 | | µg/wipe | 10 | 11/30/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
| | J - Analyte detected below quantitation limits | S - Spike Recovery outside accepted recovery limits |
| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
| | * - Non-accredited parameter | H - Holding time exceeded |

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 113/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 4:45:00 PM |
| Lab ID: | 13110831-042A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----|---|
| Mercury | SW7471A | | | | | |
| Mercury | 0.045 | 0.025 | | mg/Kg-dry | 1 | Prep Date: 12/2/2013 Analyst: LB 12/3/2013 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | |
| Aluminum | 9000 | 240 | | mg/Kg-dry | 100 | Prep Date: 12/3/2013 Analyst: JG 12/3/2013 |
| Antimony | ND | 2.4 | | mg/Kg-dry | 10 | 12/4/2013 |
| Arsenic | 17 | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Barium | 77 | 1.2 | | mg/Kg-dry | 10 | 12/4/2013 |
| Cadmium | ND | 0.61 | | mg/Kg-dry | 10 | 12/4/2013 |
| Calcium | 17000 | 730 | | mg/Kg-dry | 100 | 12/3/2013 |
| Chromium | 33 | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Cobalt | 8 | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Copper | 40 | 3 | | mg/Kg-dry | 10 | 12/3/2013 |
| Iron | 15000 | 370 | | mg/Kg-dry | 100 | 12/3/2013 |
| Lead | 98 | 0.61 | | mg/Kg-dry | 10 | 12/3/2013 |
| Manganese | 260 | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Molybdenum | ND | 6.1 | | mg/Kg-dry | 10 | 12/4/2013 |
| Nickel | 21 | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Potassium | 1800 | 370 | | mg/Kg-dry | 100 | 12/3/2013 |
| Selenium | ND | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Silver | ND | 1.2 | | mg/Kg-dry | 10 | 12/4/2013 |
| Thallium | ND | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Tin | ND | 6.1 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Titanium | 78 | 3 | * | mg/Kg-dry | 10 | 12/3/2013 |
| Vanadium | 23 | 1.2 | | mg/Kg-dry | 10 | 12/3/2013 |
| Zinc | 180 | 6.1 | | mg/Kg-dry | 10 | 12/3/2013 |
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | | |
| Acenaphthene | 0.058 | 0.043 | | mg/Kg-dry | 1 | Prep Date: 12/3/2013 Analyst: DM 12/4/2013 |
| Acenaphthylene | ND | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Anthracene | 0.31 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benz(a)anthracene | 2.2 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(a)pyrene | 2.8 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(b)fluoranthene | 3.3 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(g,h,i)perylene | 2.7 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Benzo(k)fluoranthene | 2 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Chloronaphthalene | ND | 0.22 | | mg/Kg-dry | 1 | 12/4/2013 |
| Chrysene | 3.3 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Dibenz(a,h)anthracene | 0.73 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Fluoranthene | 6 | 0.21 | | mg/Kg-dry | 5 | 12/5/2013 |

| | | |
|--------------------|---|--|
| Qualifiers: | ND - Not Detected at the Reporting Limit | RL - Reporting / Quantitation Limit for the analysis |
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| | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits |
| | HT - Sample received past holding time | E - Value above quantitation range |
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

| | | | |
|-------------------|--------------------------------------|--------------------------|-----------------------|
| Client: | Weaver Boos | Client Sample ID: | 113/0-0.5' |
| Lab Order: | 13110831 | Tag Number: | |
| Project: | 3682-300-07, Pet Coke and Coal Study | Collection Date: | 11/27/2013 4:45:00 PM |
| Lab ID: | 13110831-042A | Matrix: | Soil |

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | | | | | | |
| | SW8270C (SW3550B) | | | | Prep Date: 12/3/2013 | Analyst: DM |
| Fluorene | 0.083 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Indeno(1,2,3-cd)pyrene | 2.3 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| 1-Methylnaphthalene | ND | 0.043 | * | mg/Kg-dry | 1 | 12/4/2013 |
| 2-Methylnaphthalene | ND | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Naphthalene | ND | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Phenanthrene | 2 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Pyrene | 4.9 | 0.043 | | mg/Kg-dry | 1 | 12/4/2013 |
| Percent Moisture | | | | | | |
| | D2974 | | | | Prep Date: 12/3/2013 | Analyst: VA |
| Percent Moisture | 23.6 | 0.2 | * | wt% | 1 | 12/3/2013 |

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

CHAIN OF CUSTODY RECORD N^o: 853254 Page: 1 of 2

Company: Weaver Booz Consultants
Project Number: _____ Client Tracking No.: _____
Project Name: Quinn Emanuel
Project Location: Chicago, IL
Sampler(s): R. Carver, S. Cantor
Report To: Andy Perdine Phone: 312-922-1030
Puhel Grucan Fax: 312-922-0301
QC Level: 1 X 2 3 4 e-mail: aperdine@weaverbooz.com

| Client Sample Number/Description: | Date Taken | Time Taken | Matrix | Comp. | Grab | Preserv. | No. of Containers |
|-----------------------------------|------------|------------|--------|-------|------|----------|-------------------|
| 100 | 11-27-13 | 0709 | W | | X | G | 3 |
| 100 / 0-0.5' | | 0709 | S | | | A | 2 |
| 32 | | 0730 | W | | | G | 3 |
| 32 / 0-0.5' | | 0730 | S | | | A | 2 |
| 1 | | 0757 | W | | | G | 3 |
| 1 / 0-0.5' | | 0757 | S | | | A | 2 |
| 2 | | 0825 | W | | | G | 3 |
| 2 / 0-0.5' | | 0825 | S | | | A | 2 |
| 99 A | | 0848 | W | | | G | 3 |
| 99 A / 0-0.5' | | 0848 | S | | | A | 2 |
| 3 | | 0910 | W | | | G | 3 |
| 3 / 0-0.5' | | 0910 | S | | | A | 2 |
| 12 | | 0945 | W | | | G | 3 |
| 12 / 0-0.5' | | 0945 | S | | | A | 2 |
| 21 | | 1010 | W | | | G | 3 |
| 21 / 0-0.5' | | 1010 | S | | | A | 2 |
| 29 | | 1040 | W | | | G | 3 |
| 29 / 0-0.5' | | 1040 | S | | | A | 2 |
| 37 | | 1052 | W | | | G | 3 |
| 37 / 0-0.5' | | 1052 | S | | | A | 2 |

Relinquished by: (Signature) [Signature] Date/Time: 11/27/13 1453
Received by: (Signature) [Signature] Date/Time: 12/13/13 1453
Relinquished by: (Signature) [Signature] Date/Time: _____
Received by: (Signature) [Signature] Date/Time: _____
Relinquished by: (Signature) [Signature] Date/Time: _____
Received by: (Signature) [Signature] Date/Time: _____

P.O. No.: _____
Quote No.: _____
Turn Around: 24 Hour
Results Needed: 11/29/13 am/pm
Lab No.: 001
002
003
004
005
006
007
008
009
010
011
012
013
014
015
016
017
018
019
020

| Remarks | Lab No.: |
|---------|----------|
| | 001 |
| | 002 |
| | 003 |
| | 004 |
| | 005 |
| | 006 |
| | 007 |
| | 008 |
| | 009 |
| | 010 |
| | 011 |
| | 012 |
| | 013 |
| | 014 |
| | 015 |
| | 016 |
| | 017 |
| | 018 |
| | 019 |
| | 020 |

Laboratory Work Order No.: 13110831
Received on Ice: Yes ☒ No ☐
Temperature: 22 °C
Comments: W= Wipe Sample
*Sb, As, Ba, Cd, Cr, Co, Cu, Ca, Fe
Mn, Mo, Mg, Pb, K, Ni, Se, Ag,
Rb, Sr, Th, Ti, Tl, Sn, V, Zn, Zr
Preservation Code: A = None B = HNO₃ C = NaOH
D = H₂SO₄ E = HCl F = 5035/EnCore G = Other

CHAIN OF CUSTODY RECORD N^o: 853248

Page: 1 of 2

| | | | |
|---|--|---------------------------------------|--|
| Company: <u>Weaver Boos Consultants</u> | | Client Tracking No.: | |
| Project Number: | | | |
| Project Name: <u>Quinn Emanuel</u> | | | |
| Project Location: <u>Chicago, IL</u> | | | |
| Sampler(s): <u>R. Carver, S. Cantor</u> | | | |
| Report To: <u>Andy Perdue</u> | | Phone: <u>312-922-1030</u> | |
| Paul Gruca | | Fax: <u>312-922-0201</u> | |
| QC Level: 1 X 2 3 4 | | e-mail: <u>aperdue@weaverboos.com</u> | |

| Client Sample Number/Description: | Date Taken | Time Taken | Matrix | Comp. | Grab | Preserv. | No. of Containers |
|-----------------------------------|------------|------------|--------|-------|------|----------|-------------------|
| 31 | 11-27-13 | 1110 | W | X | G | | 3 |
| 31/0-0.5' | | 1110 | S | | A | | 2 |
| Dup-3 | | | W | | G | | 3 |
| Dup-3/0-0.5' | | | S | | A | | 2 |
| Field Blank-2 | | 1110 | W | | G | | 3 |
| Field Blank-3 | | 1340 | W | | G | | 3 |
| 88 | | 1245 | W | | G | | 3 |
| 88/0-0.5' | | 1256 | S | | A | | 2 |
| 6 | | 1320 | W | | G | | 3 |
| 6/0-0.5' | | 1325 | S | | A | | 2 |
| 18 | | 1340 | W | | G | | 3 |
| 18/0.5' | | 1345 | S | | A | | 2 |
| 43 | | 1410 | W | | G | | 3 |
| 43/0.5' | | 1415 | S | | A | | 2 |
| 48 | | 1425 | W | | G | | 3 |
| 48/0-0.5' | | 1430 | S | | A | | 2 |
| 114 | | 1540 | W | | G | | 3 |
| 114/0-0.5' | | 1545 | S | | A | | 2 |
| 118 | | 1610 | W | | G | | 3 |
| 118/0-0.5' | | 1615 | S | | A | | 2 |
| 113 | | 1640 | W | | G | | 3 |
| 113/0-0.5' | | 1645 | S | | A | | 2 |

Relinquished by: (Signature) [Signature] Date/Time: 11/27/13 1453

Received by: (Signature) [Signature] Date/Time: 11/27/13 1453

Relinquished by: (Signature) [Signature] Date/Time: _____

Received by: (Signature) _____ Date/Time: _____

Relinquished by: (Signature) _____ Date/Time: _____

Received by: (Signature) _____ Date/Time: _____

| | |
|-----------------|------------|
| P.O. No.: | Quote No.: |
| 24 Hours | 24 Hours |
| Results Needed: | Lab No.: |
| 11/29/13 | 021 |
| Remarks: | 022 |
| | 023 |
| | 024 |
| | 025 |
| | 026 |
| | 027 |
| | 028 |
| | 029 |
| | 030 |
| | 031 |
| | 032 |
| | 033 |
| | 034 |
| | 035 |
| | 036 |
| | 037 |
| | 038 |
| | 039/040 |
| | 041/042 |

Comments: W = W, P = Sample
#50, A3, B3, C3, Cr, Co, Cu, Ca, Fe, Mn, Mo,
Hg, Pb, R, Ni, Se, Ag, Bb, Sb, Th, Tl, Sn,
V, Zn, Zr

Preservation Code: A = None B = HNO₃ C = NaOH
D = H₂SO₄ E = HCl F = 5035/EnCore G = Other

Received on Ice: Yes ☒ No ☐

Temperature: 23 °C

Laboratory Work Order No.: 13110831

Sample Receipt Checklist

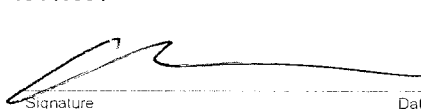
Client Name: **WEAVER BOOS**

Date and Time Received: **11/27/2013 7:53:00 PM**

Work Order Number **13110831**

Received by: **DO**

Checklist completed by:

 **11/29/2013**
Signature Date

Reviewed by:

 **11/29/2013**
Initials Date

Matrix:

Carrier name: Client Delivered

| | | | |
|---|---|------------------------------|---|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| Custody seals intact on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of custody agrees with sample labels/containers? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Container or Temp Blank temperature in compliance? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Temperature 2.3 °C |
| Water - VOA vials have zero headspace? | No VOA vials submitted <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Water - Samples pH checked? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Checked by: _____ |
| Water - Samples properly preserved? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | pH Adjusted? _____ |

Any No response must be detailed in the comments section below.

Comments:

Client / Person
contacted: _____

Date contacted: _____

Contacted by: _____

Response:

**PROJECT NUMBER '3682-300-07' AND NAME 'PET CASE
AND COAL STUDY' PER PAUL GRUCA EMAIL 01/13/2014 0917-ec**