



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.*

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

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**Work Order Sample Summary**

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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

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## 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

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

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**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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>11/30/2013</b>	Analyst: <b>LB</b>
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>11/29/2013</b>	Analyst: <b>JG</b>
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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>LB</b>
Mercury	0.064	0.02		mg/Kg-dry	1	12/2/2013

<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>JG</b>
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

<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>DM</b>
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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>DM</b>
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
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>VA</b>
Percent Moisture	15.4	0.2	*	wt%	1	12/2/2013

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
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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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>		Prep Date: <b>11/30/2013</b> Analyst: <b>LB</b>			
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>		Prep Date: <b>11/29/2013</b> Analyst: <b>JG</b>			
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

<b>Qualifiers:</b>	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**

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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: 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
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<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>LB</b>
Mercury	0.11	0.019		mg/Kg-dry	1	12/2/2013

<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>JG</b>
Aluminum	6600	230		mg/Kg-dry	100	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

<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>DM</b>
Acenaphthene	0.9	0.39		mg/Kg-dry	1	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  
 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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>DM</b>
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
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>VA</b>
Percent Moisture	15.7	0.2	*	wt%	1	12/2/2013

<b>Qualifiers:</b>	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
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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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>11/30/2013</b>	Analyst: <b>LB</b>
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>11/29/2013</b>	Analyst: <b>JG</b>
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

<b>Qualifiers:</b>	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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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>LB</b>
Mercury	0.16	0.025		mg/Kg-dry	1	12/2/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>JG</b>
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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>DM</b>
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

<b>Qualifiers:</b>	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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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270C (SW3550B)</b>		Prep Date: <b>12/2/2013</b>		Analyst: <b>DM</b>
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
<b>Percent Moisture</b>		<b>D2974</b>		Prep Date: <b>12/2/2013</b>		Analyst: <b>VA</b>
Percent Moisture	25.0	0.2	*	wt%	1	12/2/2013

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>		Prep Date: <b>11/30/2013</b> Analyst: <b>LB</b>			
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>		Prep Date: <b>11/29/2013</b> Analyst: <b>JG</b>			
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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>LB</b>
Mercury	0.065	0.023		mg/Kg-dry	1	12/2/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>JG</b>
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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>DM</b>
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

<b>Qualifiers:</b>	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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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>DM</b>
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
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>VA</b>
Percent Moisture	26.3	0.2	*	wt%	1	12/2/2013

<b>Qualifiers:</b>	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
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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: 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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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
Benzo(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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>		Prep Date: <b>11/30/2013</b> Analyst: <b>LB</b>			
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>		Prep Date: <b>11/29/2013</b> Analyst: <b>JG</b>			
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

<b>Qualifiers:</b>	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: 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
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<b>Mercury</b>	<b>SW7471A</b>				Prep Date: 12/2/2013	Analyst: LB
Mercury	0.18	0.027		mg/Kg-dry	1	12/2/2013

<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: 12/3/2013	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

<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: 12/2/2013	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  
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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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>DM</b>
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
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>VA</b>
Percent Moisture	28.5	0.2	*	wt%	1	12/2/2013

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>		Prep Date: <b>11/30/2013</b> Analyst: <b>LB</b>			
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>		Prep Date: <b>11/29/2013</b> Analyst: <b>JG</b>			
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

<b>Qualifiers:</b>	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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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>LB</b>
Mercury	0.065	0.024		mg/Kg-dry	1	12/2/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>JG</b>
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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>DM</b>
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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>DM</b>
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
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>VA</b>
Percent Moisture	28.1	0.2	*	wt%	1	12/2/2013

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
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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: 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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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
Benzo(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  
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Report Date: January 13, 2014

Print Date: January 13, 2014

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>		Prep Date: <b>11/30/2013</b> Analyst: <b>LB</b>			
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>		Prep Date: <b>11/29/2013</b> Analyst: <b>JG</b>			
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

<b>Qualifiers:</b>	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
	* - 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: 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
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<b>Mercury</b>	<b>SW7471A</b>				Prep Date: 12/2/2013	Analyst: LB
Mercury	0.083	0.031		mg/Kg-dry	1	12/3/2013

<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: 12/3/2013	Analyst: JG
Aluminum	7800	310		mg/Kg-dry	100	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

<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: 12/3/2013	Analyst: DM
Acenaphthene	0.17	0.051		mg/Kg-dry	1	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

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

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Report Date: January 13, 2014

Print Date: January 13, 2014

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>			Prep Date: <b>12/3/2013</b>		Analyst: <b>DM</b>
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
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>12/2/2013</b>		Analyst: <b>VA</b>
Percent Moisture	36.1	0.2	*	wt%	1	12/2/2013

<b>Qualifiers:</b>	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: 13110831-015A

Matrix: Wipe

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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
Benzo(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**

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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>		Prep Date: <b>11/30/2013</b> Analyst: <b>LB</b>			
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>		Prep Date: <b>11/29/2013</b> Analyst: <b>JG</b>			
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

<b>Qualifiers:</b>	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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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: 21/0-0.5'

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
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<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>LB</b>
Mercury	0.081	0.024		mg/Kg-dry	1	12/3/2013

<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>JG</b>
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

<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
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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 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
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**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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
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
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>VA</b>
Percent Moisture	23.8	0.2	*	wt%	1	12/2/2013

<b>Qualifiers:</b>	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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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: 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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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  
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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  
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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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>11/30/2013</b>	Analyst: <b>LB</b>
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>11/29/2013</b>	Analyst: <b>JG</b>
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

<b>Qualifiers:</b>	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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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>LB</b>
Mercury	0.27	0.025		mg/Kg-dry	1	12/3/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>JG</b>
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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
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

<b>Qualifiers:</b>	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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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270C (SW3550B)</b>		Prep Date: <b>12/3/2013</b>		Analyst: <b>DM</b>
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
<b>Percent Moisture</b>		<b>D2974</b>		Prep Date: <b>12/2/2013</b>		Analyst: <b>VA</b>
Percent Moisture	29.7	0.2	*	wt%	1	12/2/2013

<b>Qualifiers:</b>	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: 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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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
Benzo(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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>11/30/2013</b>	Analyst: <b>LB</b>
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>11/29/2013</b>	Analyst: <b>JG</b>
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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>LB</b>
Mercury	0.047	0.023		mg/Kg-dry	1	12/3/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>JG</b>
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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
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
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>VA</b>
Percent Moisture	20.6	0.2	*	wt%	1	12/2/2013

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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
Benzo(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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>11/30/2013</b>	Analyst: <b>LB</b>
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>11/29/2013</b>	Analyst: <b>JG</b>
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

<b>Qualifiers:</b>	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: 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
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<b>Mercury</b>	<b>SW7471A</b>				Prep Date: 12/2/2013	Analyst: LB
Mercury	0.074	0.022		mg/Kg-dry	1	12/3/2013

<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				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

<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				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

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Report Date: January 13, 2014

Print Date: January 13, 2014

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270C (SW3550B)</b>		Prep Date: <b>12/3/2013</b>		Analyst: <b>DM</b>
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
<b>Percent Moisture</b>		<b>D2974</b>		Prep Date: <b>12/2/2013</b>		Analyst: <b>VA</b>
Percent Moisture	12.3	0.2	*	wt%	1	12/2/2013

<b>Qualifiers:</b>	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: 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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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**

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: 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
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: 11/30/2013	Analyst: LB
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				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

<b>Qualifiers:</b>	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**

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

<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>JG</b>
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

<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
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

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

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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-3/0-0.5'

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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
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
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>VA</b>
Percent Moisture	31.1	0.2	*	wt%	1	12/2/2013

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 ND - Not Detected at the Reporting Limit  
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 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  
 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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>		Prep Date: <b>11/30/2013</b>		Analyst: <b>LB</b>	
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>		Prep Date: <b>11/29/2013</b>		Analyst: <b>JG</b>	
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

<b>Qualifiers:</b>	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**

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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

<b>Client:</b>	Weaver Boos	<b>Client Sample ID:</b>	Field Blank-3
<b>Lab Order:</b>	13110831	<b>Tag Number:</b>	
<b>Project:</b>	3682-300-07, Pet Coke and Coal Study	<b>Collection Date:</b>	11/27/2013 1:50:00 PM
<b>Lab ID:</b>	13110831-026A	<b>Matrix:</b>	Wipe

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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
Benzo(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

<b>Qualifiers:</b>	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**

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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

<b>Client:</b> Weaver Boos	<b>Client Sample ID:</b> Field Blank-3
<b>Lab Order:</b> 13110831	<b>Tag Number:</b>
<b>Project:</b> 3682-300-07, Pet Coke and Coal Study	<b>Collection Date:</b> 11/27/2013 1:50:00 PM
<b>Lab ID:</b> 13110831-026B	<b>Matrix:</b> Wipe

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>11/30/2013</b>	Analyst: <b>LB</b>
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>11/29/2013</b>	Analyst: <b>JG</b>
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

<b>Qualifiers:</b>	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

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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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**

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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>		Prep Date: <b>11/30/2013</b> Analyst: <b>LB</b>			
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>		Prep Date: <b>11/29/2013</b> Analyst: <b>JG</b>			
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

<b>Qualifiers:</b>	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**

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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
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<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>LB</b>
Mercury	0.048	0.023		mg/Kg-dry	1	12/3/2013

<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>JG</b>
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

<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
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:**  
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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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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
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
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>VA</b>
Percent Moisture	26.0	0.2	*	wt%	1	12/2/2013

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>		Prep Date: <b>11/30/2013</b> Analyst: <b>LB</b>			
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>		Prep Date: <b>11/29/2013</b> Analyst: <b>JG</b>			
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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>LB</b>
Mercury	0.072	0.025		mg/Kg-dry	1	12/3/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>JG</b>
Aluminum	7600	250		mg/Kg-dry	100	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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
Acenaphthene	ND	0.042		mg/Kg-dry	1	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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
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
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>VA</b>
Percent Moisture	22.4	0.2	*	wt%	1	12/2/2013

<b>Qualifiers:</b>	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: 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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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**

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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>		Prep Date: <b>11/30/2013</b> Analyst: <b>LB</b>			
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>		Prep Date: <b>11/29/2013</b> Analyst: <b>JG</b>			
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

<b>Qualifiers:</b>	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: 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
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<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>LB</b>
Mercury	0.75	0.027		mg/Kg-dry	1	12/3/2013

<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>JG</b>
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

<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
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

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 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  
 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: 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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>			Prep Date: <b>12/3/2013</b>		Analyst: <b>DM</b>
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
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>12/2/2013</b>		Analyst: <b>VA</b>
Percent Moisture	36.2	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  
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 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: 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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>		Prep Date: <b>11/30/2013</b> Analyst: <b>LB</b>			
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>		Prep Date: <b>11/29/2013</b> Analyst: <b>JG</b>			
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

<b>Qualifiers:</b>	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

<b>Client:</b> Weaver Boos	<b>Client Sample ID:</b> 43/0-0.5'
<b>Lab Order:</b> 13110831	<b>Tag Number:</b>
<b>Project:</b> 3682-300-07, Pet Coke and Coal Study	<b>Collection Date:</b> 11/27/2013 2:15:00 PM
<b>Lab ID:</b> 13110831-034A	<b>Matrix:</b> Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>LB</b>
Mercury	0.64	0.024		mg/Kg-dry	1	12/3/2013

<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>JG</b>
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

<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
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

<b>Qualifiers:</b>	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

<b>Client:</b> Weaver Boos	<b>Client Sample ID:</b> 43/0-0.5'
<b>Lab Order:</b> 13110831	<b>Tag Number:</b>
<b>Project:</b> 3682-300-07, Pet Coke and Coal Study	<b>Collection Date:</b> 11/27/2013 2:15:00 PM
<b>Lab ID:</b> 13110831-034A	<b>Matrix:</b> Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
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
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>VA</b>
Percent Moisture	19.2	0.2	*	wt%	1	12/2/2013

<b>Qualifiers:</b>	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

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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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**

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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>		Prep Date: <b>11/30/2013</b> Analyst: <b>LB</b>			
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>		Prep Date: <b>11/29/2013</b> Analyst: <b>JG</b>			
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

<b>Qualifiers:</b>	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**

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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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>					
Mercury	0.13	0.026		mg/Kg-dry	1	12/3/2013
						Prep Date: 12/2/2013 Analyst: LB
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>					
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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>					
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

<b>Qualifiers:</b>	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
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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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				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
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: 12/2/2013	Analyst: VA
Percent Moisture	23.7	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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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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
Benzo(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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>11/30/2013</b>	Analyst: <b>LB</b>
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>11/29/2013</b>	Analyst: <b>JG</b>
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

<b>Qualifiers:</b>	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
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<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>LB</b>
Mercury	0.057	0.026		mg/Kg-dry	1	12/3/2013

<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>JG</b>
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

<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
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  
 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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
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
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>VA</b>
Percent Moisture	27.6	0.2	*	wt%	1	12/2/2013

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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

<b>Qualifiers:</b>	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

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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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>11/29/2013</b>	Analyst: <b>LB</b>
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>11/29/2013</b>	Analyst: <b>JG</b>
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

<b>Qualifiers:</b>	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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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: January 13, 2014

Print Date: January 13, 2014

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>LB</b>
Mercury	0.085	0.025		mg/Kg-dry	1	12/3/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>JG</b>
Aluminum	4100	260		mg/Kg-dry	100	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
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
Acenaphthene	ND	0.042		mg/Kg-dry	1	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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
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
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>VA</b>
Percent Moisture	22.7	0.2	*	wt%	1	12/2/2013

<b>Qualifiers:</b>	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
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Report Date: January 13, 2014

Print Date: January 13, 2014

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>		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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>11/29/2013</b>	Analyst: <b>LB</b>
Mercury	ND	0.018		µg/wipe	1	11/29/2013
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>11/29/2013</b>	Analyst: <b>JG</b>
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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>12/2/2013</b>	Analyst: <b>LB</b>
Mercury	0.045	0.025		mg/Kg-dry	1	12/3/2013

<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>JG</b>
Aluminum	9000	240		mg/Kg-dry	100	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

<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3550B)</b>				Prep Date: <b>12/3/2013</b>	Analyst: <b>DM</b>
Acenaphthene	0.058	0.043		mg/Kg-dry	1	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

<b>Qualifiers:</b>	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

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

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270C (SW3550B)</b>		Prep Date: <b>12/3/2013</b>		Analyst: <b>DM</b>
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
<b>Percent Moisture</b>		<b>D2974</b>		Prep Date: <b>12/3/2013</b>		Analyst: <b>VA</b>
Percent Moisture	23.6	0.2	*	wt%	1	12/3/2013

<b>Qualifiers:</b>	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

**CHAIN OF CUSTODY RECORD** N<sup>o</sup>: 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 Perdue Phone: 312-922-1030  
Puhel Grucan Fax: 312-922-0301  
 QC Level: 1  2  3  4  e-mail: aperdue@weaverbooz.com

P.O. No.: \_\_\_\_\_  
 Quote No.: \_\_\_\_\_  
 Turn Around: 24 Hour  
 Results Needed: 11/29/13 @ am/pm

Client Sample Number/Description	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	Remarks	Lab No.:
100	11-27-13	0709	W	X	G		3		001
100 / 0-0.5'		0709	S		A		2		002
32		0730	W		G		3		003
32 / 0-0.5'		0730	S		A		2		004
1		0757	W		G		3		005
1 / 0-0.5'		0757	S		A		2		006
2		0825	W		G		3		007
2 / 0-0.5'		0825	S		A		2		008
99 A		0848	W		G		3		009
99 A / 0-0.5'		0848	S		A		2		010
3		0910	W		G		3		011
3 / 0-0.5'		0910	S		A		2		012
12		0945	W		G		3		013
12 / 0-0.5'		0945	S		A		2		014
21		1010	W		G		3		015
21 / 0-0.5'		1010	S		A		2		016
29		1040	W		G		3		017
29 / 0-0.5'		1040	S		A		2		018
37		1052	W		G		3		019
37 / 0-0.5'		1052	S		A		2		020

Relinquished by: (Signature) \_\_\_\_\_ Date/Time: 11/27/13 1453  
 Received by: (Signature) \_\_\_\_\_ Date/Time: 12/13 1453  
 Relinquished by: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments: W= Wipe Sample  
\*Sb, As, Ba, Cd, Cr, Co, Cu, Ca, Fe  
Mn, Mo, Mg, Pb, K, Ni, Se, Ag,  
Rb, Sr, Th, Tl, Ti, Sn, V, Zn, Zr

Preservation Code: A = None B = HNO<sub>3</sub> C = NaOH  
 D = H<sub>2</sub>SO<sub>4</sub> E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: 13110831  
 Received on Ice: Yes  No   
 Temperature: 22 °C

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

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	Remarks	Lab No.:
31	11-27-13	1110	W	X	G		3		021
31/0-0.5'		1110	S		A		2		022
Dup-3			W		G		3		023
Dup-3/0-0.5'			S		A		2		024
Field Blank-1		410	W		G		3		025
Field Blank-3		1340	W		G		3		026
88		1245	W		G		3		027
88/0-0.5'		1256	S		A		2		028
6		1320	W		G		3		029
6/0-0.5'		1325	S		A		2		030
18		1340	W		G		3		031
18/0.5'		1345	S		A		2		032
43		1410	W		G		3		033
43/0.5'		1415	S		A		2		034
48		1425	W		G		3		035
48/0-0.5'		1430	S		A		2		036
114		1540	W		G		3		037
114/0-0.5'		1545	S		A		2		038
118		1610	W		G		3		039/040
118/0-0.5'		1615	S		A		2		041/042
113		1640	W		G		3		
113/0-0.5'		1645	S		A		2		
117		1645	W		G		3		
117/0-0.5'		1645	S		A		2		

Turn Around: 24 hours  
 Results Needed: W / 29 / 13 and/pm  
 Laboratory Work Order No.: 13110831  
 Received on Ice: Yes  No   
 Temperature: 2.3 °C

Comments: W = W, AB Sample  
S = S, AB, Bay City Cr, Co, Cu, Ca, Fe, Mn, Mo,  
Hg, Pb, R, M, S, Ag, B, Sb, Th, Tl, U, Sn,  
V, Zn, Zr

Preservation Code: A = None B = HNO<sub>3</sub> C = NaOH  
 D = H<sub>2</sub>SO<sub>4</sub> E = HCl F = 5035/EnCore G = Other

**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  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels/containers? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container or Temp Blank temperature in compliance? Yes  No  Temperature **2.3 °C**
- Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No
- Water - Samples pH checked? Yes  No  Checked by: \_\_\_\_\_
- Water - Samples properly preserved? Yes  No  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 COKE AND COAL STUDY' PER PAUL GRUCA EMAIL 01/13/2014 0917-ec**