

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 101202-0

April 14, 2014

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

Analytical Report for STAT Workorder: 14040228 Revision 0

RE: 3682-300-07, Quinn Emanuel, Chicago, IL

Dear Paul Gruca:

STAT Analysis received 8 samples for the referenced project on 4/5/2014 11:07:00 AM. The analytical results are presented in the following report.

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

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

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

Sincerely,



Craig Chawla
Project Manager

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

Client: Weaver Boos
Project: 3682-300-07, Quinn Emanuel, Chicago, IL
Lab Order: 14040228

Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Tag Number | Collection Date | Date Received |
|---------------|------------------|------------|----------------------|---------------|
| 14040228-001A | 204 / 0-0.5' | | 4/2/2014 9:15:00 AM | 4/5/2014 |
| 14040228-002A | 213 / 0-0.5' | | 4/2/2014 11:55:00 AM | 4/5/2014 |
| 14040228-003A | 214 / 0-0.5' | | 4/2/2014 12:20:00 PM | 4/5/2014 |
| 14040228-004A | 234 / 0-0.5' | | 4/2/2014 4:15:00 PM | 4/5/2014 |
| 14040228-005A | 235 / 0-0.5' | | 4/2/2014 4:50:00 PM | 4/5/2014 |
| 14040228-006A | 237 / 0-0.5' | | 4/2/2014 5:30:00 PM | 4/5/2014 |
| 14040228-007A | 238 / 0-0.5' | | 4/2/2014 6:25:00 PM | 4/5/2014 |
| 14040228-008A | 221 / 0-0.5' | | 4/2/2014 1:40:00 PM | 4/5/2014 |

CLIENT: Weaver Boos
Project: 3682-300-07, Quinn Emanuel, Chicago, IL
Lab Order: 14040228

CASE NARRATIVE

Please refer to Analytical QC Summary Report for QC outliers.

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Report Date: April 14, 2014

Print Date: April 14, 2014

ANALYTICAL RESULTS

Client: Weaver Boos

Client Sample ID: 204 / 0-0.5'

Lab Order: 14040228

Tag Number:

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

Collection Date: 4/2/2014 9:15:00 AM

Lab ID: 14040228-001A

Matrix: Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|-----|---|
| Mercury | SW7471A | | | | | |
| Mercury | 0.18 | 0.021 | | mg/Kg-dry | 1 | Prep Date: 4/7/2014 Analyst: LB 4/8/2014 |
| Metals by ICP/MS | SW6020 (SW3050B) | | | | | |
| Aluminum | 6800 | 270 | | mg/Kg-dry | 100 | Prep Date: 4/10/2014 Analyst: JG 4/10/2014 |
| Antimony | ND | 2.7 | | mg/Kg-dry | 10 | 4/10/2014 |
| Arsenic | 12 | 1.3 | | mg/Kg-dry | 10 | 4/10/2014 |
| Barium | 110 | 1.3 | | mg/Kg-dry | 10 | 4/10/2014 |
| Cadmium | 2.3 | 0.67 | | mg/Kg-dry | 10 | 4/10/2014 |
| Calcium | 67000 | 810 | | mg/Kg-dry | 100 | 4/10/2014 |
| Chromium | 29 | 1.3 | | mg/Kg-dry | 10 | 4/10/2014 |
| Cobalt | 6.5 | 1.3 | | mg/Kg-dry | 10 | 4/10/2014 |
| Copper | 35 | 3.4 | | mg/Kg-dry | 10 | 4/10/2014 |
| Iron | 20000 | 400 | | mg/Kg-dry | 100 | 4/10/2014 |
| Lead | 150 | 0.67 | | mg/Kg-dry | 10 | 4/10/2014 |
| Manganese | 730 | 1.3 | | mg/Kg-dry | 10 | 4/10/2014 |
| Molybdenum | ND | 6.7 | | mg/Kg-dry | 10 | 4/10/2014 |
| Nickel | 17 | 1.3 | | mg/Kg-dry | 10 | 4/10/2014 |
| Potassium | 1700 | 40 | | mg/Kg-dry | 10 | 4/10/2014 |
| Selenium | ND | 1.3 | | mg/Kg-dry | 10 | 4/10/2014 |
| Silver | ND | 1.3 | | mg/Kg-dry | 10 | 4/10/2014 |
| Thallium | ND | 1.3 | | mg/Kg-dry | 10 | 4/10/2014 |
| Tin | 7.8 | 6.7 | * | mg/Kg-dry | 10 | 4/10/2014 |
| Titanium | ND | 3.4 | * | mg/Kg-dry | 10 | 4/10/2014 |
| Vanadium | 22 | 1.3 | | mg/Kg-dry | 10 | 4/10/2014 |
| Zinc | 310 | 6.7 | | mg/Kg-dry | 10 | 4/10/2014 |
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | | |
| Acenaphthene | ND | 0.044 | | mg/Kg-dry | 1 | Prep Date: 4/9/2014 Analyst: DM 4/11/2014 |
| Acenaphthylene | ND | 0.044 | | mg/Kg-dry | 1 | 4/11/2014 |
| Anthracene | 0.058 | 0.044 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benz(a)anthracene | 0.32 | 0.044 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(a)pyrene | 0.35 | 0.044 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(b)fluoranthene | 0.36 | 0.044 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(g,h,i)perylene | 0.3 | 0.044 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(k)fluoranthene | 0.27 | 0.044 | | mg/Kg-dry | 1 | 4/11/2014 |
| 2-Chloronaphthalene | ND | 0.23 | | mg/Kg-dry | 1 | 4/11/2014 |
| Chrysene | 0.38 | 0.044 | | mg/Kg-dry | 1 | 4/11/2014 |
| Dibenz(a,h)anthracene | 0.15 | 0.044 | | mg/Kg-dry | 1 | 4/11/2014 |
| Fluoranthene | 0.58 | 0.044 | | mg/Kg-dry | 1 | 4/11/2014 |

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: April 14, 2014

Print Date: April 14, 2014

ANALYTICAL RESULTS

Client: Weaver Boos

Client Sample ID: 204 / 0-0.5'

Lab Order: 14040228

Tag Number:

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

Collection Date: 4/2/2014 9:15:00 AM

Lab ID: 14040228-001A

Matrix: Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|----------------------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 4/9/2014 | Analyst: DM |
| Fluorene | ND | 0.044 | | mg/Kg-dry | 1 | 4/11/2014 |
| Indeno(1,2,3-cd)pyrene | 0.25 | 0.044 | | mg/Kg-dry | 1 | 4/11/2014 |
| 1-Methylnaphthalene | ND | 0.044 | * | mg/Kg-dry | 1 | 4/11/2014 |
| 2-Methylnaphthalene | ND | 0.044 | | mg/Kg-dry | 1 | 4/11/2014 |
| Naphthalene | ND | 0.044 | | mg/Kg-dry | 1 | 4/11/2014 |
| Phenanthrene | 0.31 | 0.044 | | mg/Kg-dry | 1 | 4/11/2014 |
| Pyrene | 0.5 | 0.044 | | mg/Kg-dry | 1 | 4/11/2014 |
| pH (25 °C) | SW9045C | | | | Prep Date: 4/7/2014 | Analyst: RW |
| pH | 7.5 | | | pH Units | 1 | 4/7/2014 |
| Percent Moisture | D2974 | | | | Prep Date: 4/7/2014 | Analyst: VA |
| Percent Moisture | 25.6 | 0.2 | * | wt% | 1 | 4/8/2014 |

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Report Date: April 14, 2014

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ANALYTICAL RESULTS

Client: Weaver Boos

Client Sample ID: 213 / 0-0.5'

Lab Order: 14040228

Tag Number:

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

Collection Date: 4/2/2014 11:55:00 AM

Lab ID: 14040228-002A

Matrix: Soil

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

| | | | | | | |
|----------------|----------------|-------|--|-----------|---------------------|-------------|
| Mercury | SW7471A | | | | Prep Date: 4/7/2014 | Analyst: LB |
| Mercury | 0.055 | 0.025 | | mg/Kg-dry | 1 | 4/8/2014 |

| | | | | | | |
|-------------------------|-------------------------|------|---|-----------|----------------------|-------------|
| Metals by ICP/MS | SW6020 (SW3050B) | | | | Prep Date: 4/10/2014 | Analyst: JG |
| Aluminum | 15000 | 290 | | mg/Kg-dry | 100 | 4/10/2014 |
| Antimony | ND | 2.9 | | mg/Kg-dry | 10 | 4/10/2014 |
| Arsenic | 17 | 1.5 | | mg/Kg-dry | 10 | 4/10/2014 |
| Barium | 140 | 1.5 | | mg/Kg-dry | 10 | 4/10/2014 |
| Cadmium | 0.98 | 0.74 | | mg/Kg-dry | 10 | 4/10/2014 |
| Calcium | 46000 | 880 | | mg/Kg-dry | 100 | 4/10/2014 |
| Chromium | 26 | 1.5 | | mg/Kg-dry | 10 | 4/10/2014 |
| Cobalt | 7 | 1.5 | | mg/Kg-dry | 10 | 4/10/2014 |
| Copper | 32 | 3.7 | | mg/Kg-dry | 10 | 4/10/2014 |
| Iron | 19000 | 440 | | mg/Kg-dry | 100 | 4/10/2014 |
| Lead | 48 | 0.74 | | mg/Kg-dry | 10 | 4/10/2014 |
| Manganese | 850 | 1.5 | | mg/Kg-dry | 10 | 4/10/2014 |
| Molybdenum | ND | 7.4 | | mg/Kg-dry | 10 | 4/10/2014 |
| Nickel | 14 | 1.5 | | mg/Kg-dry | 10 | 4/10/2014 |
| Potassium | 2000 | 44 | | mg/Kg-dry | 10 | 4/10/2014 |
| Selenium | 1.6 | 1.5 | | mg/Kg-dry | 10 | 4/10/2014 |
| Silver | ND | 1.5 | | mg/Kg-dry | 10 | 4/10/2014 |
| Thallium | ND | 1.5 | | mg/Kg-dry | 10 | 4/10/2014 |
| Tin | ND | 7.4 | * | mg/Kg-dry | 10 | 4/10/2014 |
| Titanium | ND | 3.7 | * | mg/Kg-dry | 10 | 4/10/2014 |
| Vanadium | 22 | 1.5 | | mg/Kg-dry | 10 | 4/10/2014 |
| Zinc | 130 | 7.4 | | mg/Kg-dry | 10 | 4/10/2014 |

| | | | | | | |
|--|--------------------------|-------|--|-----------|---------------------|-------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 4/9/2014 | Analyst: DM |
| Acenaphthene | 0.057 | 0.048 | | mg/Kg-dry | 1 | 4/11/2014 |
| Acenaphthylene | ND | 0.048 | | mg/Kg-dry | 1 | 4/11/2014 |
| Anthracene | 0.14 | 0.048 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benz(a)anthracene | 0.8 | 0.048 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(a)pyrene | 0.86 | 0.048 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(b)fluoranthene | 0.92 | 0.048 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(g,h,i)perylene | 0.63 | 0.048 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(k)fluoranthene | 0.76 | 0.048 | | mg/Kg-dry | 1 | 4/11/2014 |
| 2-Chloronaphthalene | ND | 0.25 | | mg/Kg-dry | 1 | 4/11/2014 |
| Chrysene | 1 | 0.048 | | mg/Kg-dry | 1 | 4/11/2014 |
| Dibenz(a,h)anthracene | 0.27 | 0.048 | | mg/Kg-dry | 1 | 4/11/2014 |
| Fluoranthene | 1.9 | 0.048 | | mg/Kg-dry | 1 | 4/11/2014 |

Qualifiers:

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Report Date: April 14, 2014

Print Date: April 14, 2014

ANALYTICAL RESULTS

Client: Weaver Boos

Client Sample ID: 213 / 0-0.5'

Lab Order: 14040228

Tag Number:

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

Collection Date: 4/2/2014 11:55:00 AM

Lab ID: 14040228-002A

Matrix: Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|---------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | | |
| | | | | | Prep Date: 4/9/2014 | Analyst: DM |
| Fluorene | 0.059 | 0.048 | | mg/Kg-dry | 1 | 4/11/2014 |
| Indeno(1,2,3-cd)pyrene | 0.55 | 0.048 | | mg/Kg-dry | 1 | 4/11/2014 |
| 1-Methylnaphthalene | ND | 0.048 | * | mg/Kg-dry | 1 | 4/11/2014 |
| 2-Methylnaphthalene | ND | 0.048 | | mg/Kg-dry | 1 | 4/11/2014 |
| Naphthalene | ND | 0.048 | | mg/Kg-dry | 1 | 4/11/2014 |
| Phenanthrene | 1.2 | 0.048 | | mg/Kg-dry | 1 | 4/11/2014 |
| Pyrene | 1.5 | 0.048 | | mg/Kg-dry | 1 | 4/11/2014 |
| pH (25 °C) | SW9045C | | | | Prep Date: 4/7/2014 | Analyst: RW |
| pH | 7.3 | | | pH Units | 1 | 4/7/2014 |
| Percent Moisture | D2974 | | | | Prep Date: 4/7/2014 | Analyst: VA |
| Percent Moisture | 32.0 | 0.2 | * | wt% | 1 | 4/8/2014 |

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Report Date: April 14, 2014

Print Date: April 14, 2014

ANALYTICAL RESULTS

Client: Weaver Boos

Client Sample ID: 214 / 0-0.5'

Lab Order: 14040228

Tag Number:

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

Collection Date: 4/2/2014 12:20:00 PM

Lab ID: 14040228-003A

Matrix: Soil

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

| | | | | | | |
|----------------|----------------|-------|--|-----------|---------------------|-------------|
| Mercury | SW7471A | | | | Prep Date: 4/7/2014 | Analyst: LB |
| Mercury | 0.025 | 0.024 | | mg/Kg-dry | 1 | 4/8/2014 |

| | | | | | | |
|-------------------------|-------------------------|-----|---|-----------|----------------------|-------------|
| Metals by ICP/MS | SW6020 (SW3050B) | | | | Prep Date: 4/10/2014 | Analyst: JG |
| Aluminum | 8900 | 240 | | mg/Kg-dry | 100 | 4/10/2014 |
| Antimony | ND | 2.4 | | mg/Kg-dry | 10 | 4/10/2014 |
| Arsenic | 14 | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Barium | 94 | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Cadmium | 0.8 | 0.6 | | mg/Kg-dry | 10 | 4/10/2014 |
| Calcium | 120000 | 720 | | mg/Kg-dry | 100 | 4/10/2014 |
| Chromium | 16 | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Cobalt | 8.7 | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Copper | 26 | 3 | | mg/Kg-dry | 10 | 4/10/2014 |
| Iron | 38000 | 360 | | mg/Kg-dry | 100 | 4/10/2014 |
| Lead | 31 | 0.6 | | mg/Kg-dry | 10 | 4/10/2014 |
| Manganese | 670 | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Molybdenum | ND | 6 | | mg/Kg-dry | 10 | 4/10/2014 |
| Nickel | 19 | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Potassium | 2100 | 36 | | mg/Kg-dry | 10 | 4/10/2014 |
| Selenium | ND | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Silver | ND | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Thallium | ND | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Tin | ND | 6 | * | mg/Kg-dry | 10 | 4/10/2014 |
| Titanium | ND | 3 | * | mg/Kg-dry | 10 | 4/10/2014 |
| Vanadium | 20 | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Zinc | 440 | 6 | | mg/Kg-dry | 10 | 4/10/2014 |

| | | | | | | |
|--|--------------------------|-------|--|-----------|---------------------|-------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 4/9/2014 | Analyst: DM |
| Acenaphthene | ND | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| Acenaphthylene | ND | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| Anthracene | ND | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benz(a)anthracene | 0.044 | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(a)pyrene | 0.055 | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(b)fluoranthene | 0.055 | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(g,h,i)perylene | 0.053 | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(k)fluoranthene | ND | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| 2-Chloronaphthalene | ND | 0.22 | | mg/Kg-dry | 1 | 4/11/2014 |
| Chrysene | 0.06 | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| Dibenz(a,h)anthracene | ND | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| Fluoranthene | 0.079 | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |

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Client Sample ID: 214 / 0-0.5'

Lab Order: 14040228

Tag Number:

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

Collection Date: 4/2/2014 12:20:00 PM

Lab ID: 14040228-003A

Matrix: Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|----------------------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 4/9/2014 | Analyst: DM |
| Fluorene | ND | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| Indeno(1,2,3-cd)pyrene | ND | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| 1-Methylnaphthalene | ND | 0.042 | * | mg/Kg-dry | 1 | 4/11/2014 |
| 2-Methylnaphthalene | ND | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| Naphthalene | ND | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| Phenanthrene | ND | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| Pyrene | 0.072 | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| pH (25 °C) | SW9045C | | | | Prep Date: 4/7/2014 | Analyst: RW |
| pH | 7.6 | | | pH Units | 1 | 4/7/2014 |
| Percent Moisture | D2974 | | | | Prep Date: 4/7/2014 | Analyst: VA |
| Percent Moisture | 21.6 | 0.2 | * | wt% | 1 | 4/8/2014 |

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Report Date: April 14, 2014

Print Date: April 14, 2014

ANALYTICAL RESULTS

Client: Weaver Boos

Client Sample ID: 234 / 0-0.5'

Lab Order: 14040228

Tag Number:

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

Collection Date: 4/2/2014 4:15:00 PM

Lab ID: 14040228-004A

Matrix: Soil

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

| | | | | | | |
|----------------|----------------|------|--|-----------|---------------------|-------------|
| Mercury | SW7471A | | | | Prep Date: 4/7/2014 | Analyst: LB |
| Mercury | 0.049 | 0.02 | | mg/Kg-dry | 1 | 4/8/2014 |

| | | | | | | |
|-------------------------|-------------------------|------|---|-----------|----------------------|-------------|
| Metals by ICP/MS | SW6020 (SW3050B) | | | | Prep Date: 4/10/2014 | Analyst: JG |
| Aluminum | 6100 | 230 | | mg/Kg-dry | 100 | 4/10/2014 |
| Antimony | ND | 2.3 | | mg/Kg-dry | 10 | 4/10/2014 |
| Arsenic | 10 | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Barium | 110 | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Cadmium | 1.6 | 0.59 | | mg/Kg-dry | 10 | 4/10/2014 |
| Calcium | 56000 | 700 | | mg/Kg-dry | 100 | 4/10/2014 |
| Chromium | 22 | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Cobalt | 5.6 | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Copper | 28 | 2.9 | | mg/Kg-dry | 10 | 4/10/2014 |
| Iron | 21000 | 350 | | mg/Kg-dry | 100 | 4/10/2014 |
| Lead | 140 | 0.59 | | mg/Kg-dry | 10 | 4/10/2014 |
| Manganese | 670 | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Molybdenum | ND | 5.9 | | mg/Kg-dry | 10 | 4/10/2014 |
| Nickel | 17 | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Potassium | 1000 | 35 | | mg/Kg-dry | 10 | 4/10/2014 |
| Selenium | 1.2 | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Silver | ND | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Thallium | ND | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Tin | ND | 5.9 | * | mg/Kg-dry | 10 | 4/10/2014 |
| Titanium | ND | 2.9 | * | mg/Kg-dry | 10 | 4/10/2014 |
| Vanadium | 33 | 1.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Zinc | 410 | 5.9 | | mg/Kg-dry | 10 | 4/10/2014 |

| | | | | | | |
|--|--------------------------|-------|--|-----------|---------------------|-------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 4/9/2014 | Analyst: DM |
| Acenaphthene | 0.069 | 0.038 | | mg/Kg-dry | 1 | 4/11/2014 |
| Acenaphthylene | 0.04 | 0.038 | | mg/Kg-dry | 1 | 4/11/2014 |
| Anthracene | 0.24 | 0.038 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benz(a)anthracene | 1.1 | 0.038 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(a)pyrene | 1.2 | 0.038 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(b)fluoranthene | 1.3 | 0.038 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(g,h,i)perylene | 0.84 | 0.038 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(k)fluoranthene | 0.9 | 0.038 | | mg/Kg-dry | 1 | 4/11/2014 |
| 2-Chloronaphthalene | ND | 0.2 | | mg/Kg-dry | 1 | 4/11/2014 |
| Chrysene | 1.4 | 0.038 | | mg/Kg-dry | 1 | 4/11/2014 |
| Dibenz(a,h)anthracene | 0.41 | 0.038 | | mg/Kg-dry | 1 | 4/11/2014 |
| Fluoranthene | 2.4 | 0.038 | | mg/Kg-dry | 1 | 4/11/2014 |

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: April 14, 2014

Print Date: April 14, 2014

ANALYTICAL RESULTS

Client: Weaver Boos

Client Sample ID: 234 / 0-0.5'

Lab Order: 14040228

Tag Number:

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

Collection Date: 4/2/2014 4:15:00 PM

Lab ID: 14040228-004A

Matrix: Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|----------------------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 4/9/2014 | Analyst: DM |
| Fluorene | 0.058 | 0.038 | | mg/Kg-dry | 1 | 4/11/2014 |
| Indeno(1,2,3-cd)pyrene | 0.72 | 0.038 | | mg/Kg-dry | 1 | 4/11/2014 |
| 1-Methylnaphthalene | ND | 0.038 | * | mg/Kg-dry | 1 | 4/11/2014 |
| 2-Methylnaphthalene | ND | 0.038 | | mg/Kg-dry | 1 | 4/11/2014 |
| Naphthalene | ND | 0.038 | | mg/Kg-dry | 1 | 4/11/2014 |
| Phenanthrene | 1.3 | 0.038 | | mg/Kg-dry | 1 | 4/11/2014 |
| Pyrene | 1.9 | 0.038 | | mg/Kg-dry | 1 | 4/11/2014 |
| pH (25 °C) | SW9045C | | | | Prep Date: 4/7/2014 | Analyst: RW |
| pH | 7.6 | | | pH Units | 1 | 4/7/2014 |
| Percent Moisture | D2974 | | | | Prep Date: 4/7/2014 | Analyst: VA |
| Percent Moisture | 14.5 | 0.2 | * | wt% | 1 | 4/8/2014 |

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: April 14, 2014

Print Date: April 14, 2014

ANALYTICAL RESULTS

Client: Weaver Boos

Client Sample ID: 235 / 0-0.5'

Lab Order: 14040228

Tag Number:

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

Collection Date: 4/2/2014 4:50:00 PM

Lab ID: 14040228-005A

Matrix: Soil

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

Mercury**SW7471A**

Prep Date: 4/7/2014

Analyst: LB

Mercury

0.23

0.024

mg/Kg-dry

1

4/8/2014

Metals by ICP/MS**SW6020 (SW3050B)**

Prep Date: 4/10/2014

Analyst: JG

Aluminum

13000

240

mg/Kg-dry

100

4/10/2014

Antimony

22

2.4

mg/Kg-dry

10

4/10/2014

Arsenic

49

1.2

mg/Kg-dry

10

4/10/2014

Barium

250

1.2

mg/Kg-dry

10

4/10/2014

Cadmium

3

0.6

mg/Kg-dry

10

4/10/2014

Calcium

56000

720

mg/Kg-dry

100

4/10/2014

Chromium

59

1.2

mg/Kg-dry

10

4/11/2014

Cobalt

7.4

1.2

mg/Kg-dry

10

4/11/2014

Copper

90

3

mg/Kg-dry

10

4/11/2014

Iron

38000

360

mg/Kg-dry

100

4/10/2014

Lead

1100

0.6

mg/Kg-dry

10

4/10/2014

Manganese

1800

12

mg/Kg-dry

100

4/10/2014

Molybdenum

ND

6

mg/Kg-dry

10

4/10/2014

Nickel

31

1.2

mg/Kg-dry

10

4/11/2014

Potassium

1800

36

mg/Kg-dry

10

4/11/2014

Selenium

2.3

1.2

mg/Kg-dry

10

4/10/2014

Silver

ND

1.2

mg/Kg-dry

10

4/10/2014

Thallium

ND

1.2

mg/Kg-dry

10

4/10/2014

Tin

25

6

*

mg/Kg-dry

10

4/10/2014

Titanium

280

3

*

mg/Kg-dry

10

4/11/2014

Vanadium

35

1.2

mg/Kg-dry

10

4/11/2014

Zinc

1400

60

mg/Kg-dry

100

4/10/2014

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

Prep Date: 4/9/2014

Analyst: DM

Acenaphthene

0.084

0.042

mg/Kg-dry

1

4/11/2014

Acenaphthylene

0.076

0.042

mg/Kg-dry

1

4/11/2014

Anthracene

0.31

0.042

mg/Kg-dry

1

4/11/2014

Benz(a)anthracene

1.5

0.042

mg/Kg-dry

1

4/11/2014

Benzo(a)pyrene

1.9

0.042

mg/Kg-dry

1

4/11/2014

Benzo(b)fluoranthene

1.9

0.042

mg/Kg-dry

1

4/11/2014

Benzo(g,h,i)perylene

1.7

0.042

mg/Kg-dry

1

4/11/2014

Benzo(k)fluoranthene

1.2

0.042

mg/Kg-dry

1

4/11/2014

2-Chloronaphthalene

ND

0.22

mg/Kg-dry

1

4/11/2014

Chrysene

1.9

0.042

mg/Kg-dry

1

4/11/2014

Dibenz(a,h)anthracene

0.71

0.042

mg/Kg-dry

1

4/11/2014

Fluoranthene

2.7

0.042

mg/Kg-dry

1

4/11/2014

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: April 14, 2014

Print Date: April 14, 2014

ANALYTICAL RESULTS

Client: Weaver Boos

Client Sample ID: 235 / 0-0.5'

Lab Order: 14040228

Tag Number:

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

Collection Date: 4/2/2014 4:50:00 PM

Lab ID: 14040228-005A

Matrix: Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|---------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | | |
| | | | | | Prep Date: 4/9/2014 | Analyst: DM |
| Fluorene | 0.083 | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| Indeno(1,2,3-cd)pyrene | 1.1 | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| 1-Methylnaphthalene | 0.065 | 0.042 | * | mg/Kg-dry | 1 | 4/11/2014 |
| 2-Methylnaphthalene | 0.12 | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| Naphthalene | 0.091 | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| Phenanthrene | 1.4 | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| Pyrene | 2.3 | 0.042 | | mg/Kg-dry | 1 | 4/11/2014 |
| pH (25 °C) | SW9045C | | | | | |
| | | | | | Prep Date: 4/7/2014 | Analyst: RW |
| pH | 7.9 | | | pH Units | 1 | 4/7/2014 |
| Percent Moisture | D2974 | | | | | |
| | | | | | Prep Date: 4/7/2014 | Analyst: VA |
| Percent Moisture | 22.7 | 0.2 | * | wt% | 1 | 4/8/2014 |

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

Report Date: April 14, 2014

Print Date: April 14, 2014

ANALYTICAL RESULTS

Client: Weaver Boos

Client Sample ID: 237 / 0-0.5'

Lab Order: 14040228

Tag Number:

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

Collection Date: 4/2/2014 5:30:00 PM

Lab ID: 14040228-006A

Matrix: Soil

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

Mercury

SW7471A

Prep Date: 4/7/2014

Analyst: LB

Mercury

0.24

0.031

mg/Kg-dry

1

4/8/2014

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 4/10/2014

Analyst: JG

Aluminum

24000

290

mg/Kg-dry

100

4/10/2014

Antimony

3

2.9

mg/Kg-dry

10

4/10/2014

Arsenic

9

1.4

mg/Kg-dry

10

4/10/2014

Barium

230

1.4

mg/Kg-dry

10

4/10/2014

Cadmium

3.5

0.72

mg/Kg-dry

10

4/10/2014

Calcium

68000

870

mg/Kg-dry

100

4/10/2014

Chromium

96

1.4

mg/Kg-dry

10

4/11/2014

Cobalt

6.9

1.4

mg/Kg-dry

10

4/11/2014

Copper

57

3.6

mg/Kg-dry

10

4/11/2014

Iron

32000

430

mg/Kg-dry

100

4/10/2014

Lead

270

0.72

mg/Kg-dry

10

4/10/2014

Manganese

2200

14

mg/Kg-dry

100

4/10/2014

Molybdenum

ND

7.2

mg/Kg-dry

10

4/10/2014

Nickel

23

1.4

mg/Kg-dry

10

4/11/2014

Potassium

2200

43

mg/Kg-dry

10

4/11/2014

Selenium

2.6

1.4

mg/Kg-dry

10

4/10/2014

Silver

ND

1.4

mg/Kg-dry

10

4/10/2014

Thallium

ND

1.4

mg/Kg-dry

10

4/10/2014

Tin

38

7.2

*

mg/Kg-dry

10

4/10/2014

Titanium

260

3.6

*

mg/Kg-dry

10

4/11/2014

Vanadium

24

1.4

mg/Kg-dry

10

4/11/2014

Zinc

400

7.2

mg/Kg-dry

10

4/11/2014

Semivolatile Organic Compounds by GC/MS

SW8270C (SW3550B)

Prep Date: 4/9/2014

Analyst: DM

Acenaphthene

ND

0.053

mg/Kg-dry

1

4/11/2014

Acenaphthylene

ND

0.053

mg/Kg-dry

1

4/11/2014

Anthracene

0.059

0.053

mg/Kg-dry

1

4/11/2014

Benz(a)anthracene

0.31

0.053

mg/Kg-dry

1

4/11/2014

Benzo(a)pyrene

0.34

0.053

mg/Kg-dry

1

4/11/2014

Benzo(b)fluoranthene

0.32

0.053

mg/Kg-dry

1

4/11/2014

Benzo(g,h,i)perylene

0.28

0.053

mg/Kg-dry

1

4/11/2014

Benzo(k)fluoranthene

0.28

0.053

mg/Kg-dry

1

4/11/2014

2-Chloronaphthalene

ND

0.27

mg/Kg-dry

1

4/11/2014

Chrysene

0.36

0.053

mg/Kg-dry

1

4/11/2014

Dibenz(a,h)anthracene

0.13

0.053

mg/Kg-dry

1

4/11/2014

Fluoranthene

0.53

0.053

mg/Kg-dry

1

4/11/2014

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: April 14, 2014

Print Date: April 14, 2014

ANALYTICAL RESULTS

Client: Weaver Boos

Client Sample ID: 237 / 0-0.5'

Lab Order: 14040228

Tag Number:

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

Collection Date: 4/2/2014 5:30:00 PM

Lab ID: 14040228-006A

Matrix: Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|----------------------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 4/9/2014 | Analyst: DM |
| Fluorene | ND | 0.053 | | mg/Kg-dry | 1 | 4/11/2014 |
| Indeno(1,2,3-cd)pyrene | 0.22 | 0.053 | | mg/Kg-dry | 1 | 4/11/2014 |
| 1-Methylnaphthalene | ND | 0.053 | * | mg/Kg-dry | 1 | 4/11/2014 |
| 2-Methylnaphthalene | ND | 0.053 | | mg/Kg-dry | 1 | 4/11/2014 |
| Naphthalene | ND | 0.053 | | mg/Kg-dry | 1 | 4/11/2014 |
| Phenanthrene | 0.27 | 0.053 | | mg/Kg-dry | 1 | 4/11/2014 |
| Pyrene | 0.55 | 0.053 | | mg/Kg-dry | 1 | 4/11/2014 |
| pH (25 °C) | SW9045C | | | | Prep Date: 4/7/2014 | Analyst: RW |
| pH | 7.3 | | | pH Units | 1 | 4/7/2014 |
| Percent Moisture | D2974 | | | | Prep Date: 4/7/2014 | Analyst: VA |
| Percent Moisture | 37.7 | 0.2 | * | wt% | 1 | 4/8/2014 |

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: April 14, 2014

Print Date: April 14, 2014

ANALYTICAL RESULTS

Client: Weaver Boos

Client Sample ID: 238 / 0-0.5'

Lab Order: 14040228

Tag Number:

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

Collection Date: 4/2/2014 6:25:00 PM

Lab ID: 14040228-007A

Matrix: Soil

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

| | | | | | | |
|----------------|----------------|------|--|-----------|---------------------|-------------|
| Mercury | SW7471A | | | | Prep Date: 4/7/2014 | Analyst: LB |
| Mercury | 0.059 | 0.02 | | mg/Kg-dry | 1 | 4/8/2014 |

| | | | | | | |
|-------------------------|-------------------------|------|---|-----------|----------------------|-------------|
| Metals by ICP/MS | SW6020 (SW3050B) | | | | Prep Date: 4/10/2014 | Analyst: JG |
| Aluminum | 18000 | 220 | | mg/Kg-dry | 100 | 4/10/2014 |
| Antimony | ND | 2.2 | | mg/Kg-dry | 10 | 4/10/2014 |
| Arsenic | 9.7 | 1.1 | | mg/Kg-dry | 10 | 4/10/2014 |
| Barium | 260 | 1.1 | | mg/Kg-dry | 10 | 4/10/2014 |
| Cadmium | 1.7 | 0.55 | | mg/Kg-dry | 10 | 4/10/2014 |
| Calcium | 16000 | 660 | | mg/Kg-dry | 100 | 4/10/2014 |
| Chromium | 30 | 1.1 | | mg/Kg-dry | 10 | 4/11/2014 |
| Cobalt | 10 | 1.1 | | mg/Kg-dry | 10 | 4/11/2014 |
| Copper | 42 | 2.8 | | mg/Kg-dry | 10 | 4/11/2014 |
| Iron | 33000 | 330 | | mg/Kg-dry | 100 | 4/10/2014 |
| Lead | 90 | 0.55 | | mg/Kg-dry | 10 | 4/10/2014 |
| Manganese | 430 | 11 | | mg/Kg-dry | 100 | 4/10/2014 |
| Molybdenum | ND | 5.5 | | mg/Kg-dry | 10 | 4/10/2014 |
| Nickel | 30 | 1.1 | | mg/Kg-dry | 10 | 4/11/2014 |
| Potassium | 2900 | 33 | | mg/Kg-dry | 10 | 4/11/2014 |
| Selenium | ND | 1.1 | | mg/Kg-dry | 10 | 4/10/2014 |
| Silver | ND | 1.1 | | mg/Kg-dry | 10 | 4/10/2014 |
| Thallium | ND | 1.1 | | mg/Kg-dry | 10 | 4/10/2014 |
| Tin | ND | 5.5 | * | mg/Kg-dry | 10 | 4/10/2014 |
| Titanium | 83 | 2.8 | * | mg/Kg-dry | 10 | 4/11/2014 |
| Vanadium | 33 | 1.1 | | mg/Kg-dry | 10 | 4/11/2014 |
| Zinc | 250 | 5.5 | | mg/Kg-dry | 10 | 4/11/2014 |

| | | | | | | |
|--|--------------------------|-------|--|-----------|---------------------|-------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 4/9/2014 | Analyst: DM |
| Acenaphthene | ND | 0.035 | | mg/Kg-dry | 1 | 4/11/2014 |
| Acenaphthylene | ND | 0.035 | | mg/Kg-dry | 1 | 4/11/2014 |
| Anthracene | ND | 0.035 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benz(a)anthracene | 0.076 | 0.035 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(a)pyrene | 0.098 | 0.035 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(b)fluoranthene | 0.1 | 0.035 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(g,h,i)perylene | 0.12 | 0.035 | | mg/Kg-dry | 1 | 4/11/2014 |
| Benzo(k)fluoranthene | 0.097 | 0.035 | | mg/Kg-dry | 1 | 4/11/2014 |
| 2-Chloronaphthalene | ND | 0.18 | | mg/Kg-dry | 1 | 4/11/2014 |
| Chrysene | 0.11 | 0.035 | | mg/Kg-dry | 1 | 4/11/2014 |
| Dibenz(a,h)anthracene | 0.045 | 0.035 | | mg/Kg-dry | 1 | 4/11/2014 |
| Fluoranthene | 0.14 | 0.035 | | mg/Kg-dry | 1 | 4/11/2014 |

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: April 14, 2014

Print Date: April 14, 2014

ANALYTICAL RESULTS

Client: Weaver Boos

Client Sample ID: 238 / 0-0.5'

Lab Order: 14040228

Tag Number:

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

Collection Date: 4/2/2014 6:25:00 PM

Lab ID: 14040228-007A

Matrix: Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|----------------------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | Prep Date: 4/9/2014 | Analyst: DM |
| Fluorene | ND | 0.035 | | mg/Kg-dry | 1 | 4/11/2014 |
| Indeno(1,2,3-cd)pyrene | 0.064 | 0.035 | | mg/Kg-dry | 1 | 4/11/2014 |
| 1-Methylnaphthalene | ND | 0.035 | * | mg/Kg-dry | 1 | 4/11/2014 |
| 2-Methylnaphthalene | ND | 0.035 | | mg/Kg-dry | 1 | 4/11/2014 |
| Naphthalene | ND | 0.035 | | mg/Kg-dry | 1 | 4/11/2014 |
| Phenanthrene | 0.073 | 0.035 | | mg/Kg-dry | 1 | 4/11/2014 |
| Pyrene | 0.11 | 0.035 | | mg/Kg-dry | 1 | 4/11/2014 |
| pH (25 °C) | SW9045C | | | | Prep Date: 4/7/2014 | Analyst: RW |
| pH | 7.6 | | | pH Units | 1 | 4/7/2014 |
| Percent Moisture | D2974 | | | | Prep Date: 4/7/2014 | Analyst: VA |
| Percent Moisture | 7.7 | 0.2 | * | wt% | 1 | 4/8/2014 |

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: April 14, 2014

Print Date: April 14, 2014

ANALYTICAL RESULTS

Client: Weaver Boos

Client Sample ID: 221 / 0-0.5'

Lab Order: 14040228

Tag Number:

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

Collection Date: 4/2/2014 1:40:00 PM

Lab ID: 14040228-008A

Matrix: Soil

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

Mercury

SW7471A

Prep Date: 4/7/2014

Analyst: LB

Mercury

0.095

0.027

mg/Kg-dry

1

4/8/2014

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 4/10/2014

Analyst: JG

Aluminum

8300

260

mg/Kg-dry

100

4/10/2014

Antimony

ND

2.6

mg/Kg-dry

10

4/10/2014

Arsenic

8.9

1.3

mg/Kg-dry

10

4/10/2014

Barium

110

1.3

mg/Kg-dry

10

4/10/2014

Cadmium

2.2

0.65

mg/Kg-dry

10

4/10/2014

Calcium

37000

780

mg/Kg-dry

100

4/10/2014

Chromium

32

1.3

mg/Kg-dry

10

4/10/2014

Cobalt

7.2

1.3

mg/Kg-dry

10

4/10/2014

Copper

61

3.3

mg/Kg-dry

10

4/10/2014

Iron

29000

390

mg/Kg-dry

100

4/10/2014

Lead

160

0.65

mg/Kg-dry

10

4/10/2014

Manganese

990

1.3

mg/Kg-dry

10

4/10/2014

Molybdenum

ND

6.5

mg/Kg-dry

10

4/10/2014

Nickel

23

1.3

mg/Kg-dry

10

4/10/2014

Potassium

1800

39

mg/Kg-dry

10

4/10/2014

Selenium

ND

1.3

mg/Kg-dry

10

4/10/2014

Silver

ND

1.3

mg/Kg-dry

10

4/10/2014

Thallium

ND

1.3

mg/Kg-dry

10

4/10/2014

Tin

7.4

6.5

*

mg/Kg-dry

10

4/10/2014

Titanium

ND

3.3

*

mg/Kg-dry

10

4/10/2014

Vanadium

24

1.3

mg/Kg-dry

10

4/10/2014

Zinc

420

6.5

mg/Kg-dry

10

4/10/2014

Semivolatile Organic Compounds by GC/MS

SW8270C (SW3550B)

Prep Date: 4/8/2014

Analyst: DM

Acenaphthene

0.056

0.051

mg/Kg-dry

1

4/11/2014

Acenaphthylene

ND

0.051

mg/Kg-dry

1

4/11/2014

Anthracene

0.17

0.051

mg/Kg-dry

1

4/11/2014

Benz(a)anthracene

0.68

0.051

mg/Kg-dry

1

4/11/2014

Benzo(a)pyrene

0.82

0.051

mg/Kg-dry

1

4/11/2014

Benzo(b)fluoranthene

0.73

0.051

mg/Kg-dry

1

4/11/2014

Benzo(g,h,i)perylene

0.67

0.051

mg/Kg-dry

1

4/11/2014

Benzo(k)fluoranthene

0.59

0.051

mg/Kg-dry

1

4/11/2014

2-Chloronaphthalene

ND

0.26

mg/Kg-dry

1

4/11/2014

Chrysene

0.84

0.051

mg/Kg-dry

1

4/11/2014

Dibenz(a,h)anthracene

0.32

0.051

mg/Kg-dry

1

4/11/2014

Fluoranthene

1.2

0.051

mg/Kg-dry

1

4/11/2014

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: April 14, 2014

Print Date: April 14, 2014

ANALYTICAL RESULTS

Client: Weaver Boos

Client Sample ID: 221 / 0-0.5'

Lab Order: 14040228

Tag Number:

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

Collection Date: 4/2/2014 1:40:00 PM

Lab ID: 14040228-008A

Matrix: Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|--|--------------------------|-------|-----------|-----------|---------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW8270C (SW3550B) | | | | | |
| | | | | | Prep Date: 4/8/2014 | Analyst: DM |
| Fluorene | 0.054 | 0.051 | | mg/Kg-dry | 1 | 4/11/2014 |
| Indeno(1,2,3-cd)pyrene | 0.48 | 0.051 | | mg/Kg-dry | 1 | 4/11/2014 |
| 1-Methylnaphthalene | ND | 0.051 | * | mg/Kg-dry | 1 | 4/11/2014 |
| 2-Methylnaphthalene | 0.053 | 0.051 | | mg/Kg-dry | 1 | 4/11/2014 |
| Naphthalene | ND | 0.051 | | mg/Kg-dry | 1 | 4/11/2014 |
| Phenanthrene | 0.73 | 0.051 | | mg/Kg-dry | 1 | 4/11/2014 |
| Pyrene | 0.96 | 0.051 | | mg/Kg-dry | 1 | 4/11/2014 |
| pH (25 °C) | SW9045C | | | | Prep Date: 4/7/2014 | Analyst: RW |
| pH | 7.7 | | | pH Units | 1 | 4/7/2014 |
| Percent Moisture | D2974 | | | | Prep Date: 4/8/2014 | Analyst: VA |
| Percent Moisture | 35.9 | 0.2 | * | wt% | 1 | 4/9/2014 |

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
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E - Value above quantitation range
H - Holding time exceeded

CHAIN OF CUSTODY RECORD

[illegible]

Sample Receipt Checklist


Client Name **WEAVER BOOS**

Date and Time Received: **4/7/2014 9:26:00 AM**

Work Order Number **14040228**

Received by: **ART**

Checklist completed by:

Signature 

Date **4/7/14**

Reviewed by:

Initials 

Date **4/14/2014**

Matrix:

Carrier name Client Delivered

| | | | |
|---|---|------------------------------|---|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| Custody seals intact on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of custody agrees with sample labels/containers? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Container or Temp Blank temperature in compliance? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Temperature 1.6 °C |
| Water - VOA vials have zero headspace? | No VOA vials submitted <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Water - Samples pH checked? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Checked by: _____ |
| Water - Samples properly preserved? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | pH Adjusted? _____ |

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

Comments:

Client / Person
contacted: _____

Date contacted: _____

Contacted by: _____

Response:

CLIENT: Weaver Boos
Work Order: 14040228
Project: 3682-300-07, Quinn Emanuel, Chicago, IL
Test No: SW8270C **Matrix:** S

QC SUMMARY REPORT SURROGATE RECOVERIES

| Sample ID | CLPH2D4 | DCBZ12D4 | NO2BZD5 | PH246BR | PH2F | PHD5 | PHEN2F | PHEND14 |
|------------------|---------|----------|---------|---------|------|------|--------|---------|
| MB-75578-SVOC | 74.1 | 88.4 | 82.9 | 95.3 | 73.4 | 73.9 | 86.8 | 89.4 |
| LCS-75578-SVOC | 67.6 | 81.1 | 76.9 | 88.2 | 67.9 | 69.3 | 81.3 | 83.5 |
| 14040281-001BMS | 68.0 | 77.8 | 77.8 | 92.5 | 62.0 | 70.5 | 82.5 | 82.4 |
| 14040281-001BMSD | 70.5 | 79.7 | 79.3 | 93.7 | 66.9 | 72.4 | 83.2 | 81.6 |
| 14040228-001A | 71.9 | 81.7 | 82.4 | 96.4 | 67.2 | 73.6 | 83.1 | 86.6 |
| 14040228-002A | 68.9 | 78.4 | 73.0 | 79.8 | 67.5 | 66.2 | 74.2 | 72.9 |
| 14040228-003A | 68.0 | 77.4 | 71.7 | 88.6 | 67.4 | 66.5 | 76.8 | 83.1 |
| 14040228-004A | 62.4 | 73.2 | 68.2 | 74.1 | 61.0 | 59.4 | 70.0 | 72.2 |
| 14040228-005A | 63.2 | 74.6 | 69.5 | 74.1 | 59.7 | 59.2 | 70.3 | 71.0 |
| 14040228-006A | 72.1 | 80.7 | 78.3 | 88.4 | 70.7 | 70.5 | 78.9 | 81.7 |
| 14040228-007A | 60.2 | 71.6 | 68.0 | 67.8 | 54.4 | 54.4 | 69.5 | 60.0 |
| 14040228-008A | 67.1 | 79.2 | 74.3 | 78.1 | 62.3 | 65.5 | 77.4 | 71.0 |

| Acronym | Surrogate | QC Limits |
|----------|--------------------------|-----------|
| CLPH2D4 | = 2-Chlorophenol-d4 | 20-130 |
| DCBZ12D4 | = 1,2-Dichlorobenzene-d4 | 20-130 |
| NO2BZD5 | = Nitrobenzene-d5 | 23-120 |
| PH246BR | = 2,4,6-Tribromophenol | 19-122 |
| PH2F | = 2-Fluorophenol | 25-121 |
| PHD5 | = Phenol-d5 | 24-113 |
| PHEN2F | = 2-Fluorobiphenyl | 30-115 |
| PHEND14 | = 4-Terphenyl-d14 | 18-137 |

* Surrogate recovery outside acceptance limit

Prep Start Date: **4/8/2014 9:55:13 AM**

 Prep End Date: **4/10/2014 12:21:55**

Prep Factor Units:

mL / Kg

 Prep Batch **75578** Prep Code: **3550_SVOC** Technician: **PEM**

| Sample ID | Matrix | pH | SampAmt | Sol Added | Sol Recov | Fin Vol | factor | PrepStart | PrepEnd |
|------------------|--------|----|---------|-----------|-----------|---------|--------|-----------|----------|
| MB-75578-SVOC | | | 0.03 | 0 | 0 | 1 | 33.333 | 4/8/2014 | 4/8/2014 |
| LCS-75578-SVOC | | | 0.03 | 0 | 0 | 1 | 33.333 | 4/8/2014 | 4/8/2014 |
| 14040189-003B | Soil | | 0.03003 | 0 | 0 | 1 | 33.300 | 4/8/2014 | 4/8/2014 |
| 14040189-004B | Soil | | 0.03034 | 0 | 0 | 1 | 32.960 | 4/8/2014 | 4/8/2014 |
| 14040189-005B | Soil | | 0.03027 | 0 | 0 | 1 | 33.036 | 4/8/2014 | 4/8/2014 |
| 14040189-006B | Soil | | 0.03031 | 0 | 0 | 1 | 32.992 | 4/8/2014 | 4/8/2014 |
| 14040227-001B | Soil | | 0.03017 | 0 | 0 | 1 | 33.146 | 4/8/2014 | 4/8/2014 |
| 14040227-002B | Soil | | 0.03027 | 0 | 0 | 1 | 33.036 | 4/8/2014 | 4/8/2014 |
| 14040227-003A | Soil | | 0.03006 | 0 | 0 | 1 | 33.267 | 4/8/2014 | 4/8/2014 |
| 14040228-008A | Soil | | 0.03032 | 0 | 0 | 1 | 32.982 | 4/8/2014 | 4/8/2014 |
| 14040281-001B | Soil | | 0.03023 | 0 | 0 | 1 | 33.080 | 4/8/2014 | 4/8/2014 |
| 14040281-002B | Soil | | 0.03024 | 0 | 0 | 1 | 33.069 | 4/8/2014 | 4/8/2014 |
| 14040281-001BMS | Soil | | 0.03022 | 0 | 0 | 1 | 33.091 | 4/8/2014 | 4/8/2014 |
| 14040281-001BMSD | Soil | | 0.03022 | 0 | 0 | 1 | 33.091 | 4/8/2014 | 4/8/2014 |
| 14040228-001A | Soil | | 0.03022 | 0 | 0 | 1 | 33.091 | 4/9/2014 | 4/9/2014 |
| 14040228-002A | Soil | | 0.03015 | 0 | 0 | 1 | 33.167 | 4/9/2014 | 4/9/2014 |
| 14040228-003A | Soil | | 0.03018 | 0 | 0 | 1 | 33.135 | 4/9/2014 | 4/9/2014 |
| 14040228-004A | Soil | | 0.03022 | 0 | 0 | 1 | 33.091 | 4/9/2014 | 4/9/2014 |
| 14040228-005A | Soil | | 0.03019 | 0 | 0 | 1 | 33.124 | 4/9/2014 | 4/9/2014 |
| 14040228-006A | Soil | | 0.03024 | 0 | 0 | 1 | 33.069 | 4/9/2014 | 4/9/2014 |
| 14040228-007A | Soil | | 0.0303 | 0 | 0 | 1 | 33.003 | 4/9/2014 | 4/9/2014 |
| 14040247-001A | Soil | | 0.03028 | 0 | 0 | 1 | 33.025 | 4/9/2014 | 4/9/2014 |
| 14040247-002A | Soil | | 0.03024 | 0 | 0 | 1 | 33.069 | 4/9/2014 | 4/9/2014 |
| 14040305-001B | Soil | | 0.03029 | 0 | 0 | 1 | 33.014 | 4/8/2014 | 4/9/2014 |

CLIENT: Weaver Boos

Work Order: 14040228

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 75578

| | | | | | | | | | | | |
|---------------------------------|------------------------|----------------------------|---------------------|--------------------------------|-------------------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: MB-75578-SVOC | SampType: MBLK | TestCode: SVOC_SOIL | Units: mg/Kg | Prep Date: 4/8/2014 | Run ID: SVOC-5_140408B | | | | | | |
| Client ID: ZZZZ | Batch ID: 75578 | TestNo: SW8270C | | Analysis Date: 4/8/2014 | SeqNo: 2642988 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | | | | | |
|------------------------|----|-------|--|--|--|--|--|--|--|--|---|
| 1-Methylnaphthalene | ND | 0.033 | | | | | | | | | * |
| Acenaphthene | ND | 0.033 | | | | | | | | | |
| Acenaphthylene | ND | 0.033 | | | | | | | | | |
| Anthracene | ND | 0.033 | | | | | | | | | |
| Benz(a)anthracene | ND | 0.033 | | | | | | | | | |
| Benzo(a)pyrene | ND | 0.033 | | | | | | | | | |
| Benzo(b)fluoranthene | ND | 0.033 | | | | | | | | | |
| Benzo(g,h,i)perylene | ND | 0.033 | | | | | | | | | |
| Benzo(k)fluoranthene | ND | 0.033 | | | | | | | | | |
| 2-Chloronaphthalene | ND | 0.17 | | | | | | | | | |
| Chrysene | ND | 0.033 | | | | | | | | | |
| Dibenz(a,h)anthracene | ND | 0.033 | | | | | | | | | |
| Fluoranthene | ND | 0.033 | | | | | | | | | |
| Fluorene | ND | 0.033 | | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | ND | 0.033 | | | | | | | | | |
| 2-Methylnaphthalene | ND | 0.17 | | | | | | | | | |
| Naphthalene | ND | 0.033 | | | | | | | | | |
| Phenanthrene | ND | 0.033 | | | | | | | | | |
| Pyrene | ND | 0.033 | | | | | | | | | |

| | | | | | | | | | | | |
|----------------------------------|------------------------|----------------------------|---------------------|--------------------------------|-------------------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: LCS-75578-SVOC | SampType: LCS | TestCode: SVOC_SOIL | Units: mg/Kg | Prep Date: 4/8/2014 | Run ID: SVOC-5_140408B | | | | | | |
| Client ID: ZZZZ | Batch ID: 75578 | TestNo: SW8270C | | Analysis Date: 4/8/2014 | SeqNo: 2642991 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | | | | | |
|-------------------------|-------|-------|-------|---|------|----|-----|---|---|--|--|
| Acenaphthene | 1.413 | 0.033 | 1.667 | 0 | 84.8 | 37 | 134 | 0 | 0 | | |
| 4-Chloro-3-methylphenol | 2.53 | 0.33 | 3.333 | 0 | 75.9 | 29 | 134 | 0 | 0 | | |
| 2-Chlorophenol | 2.221 | 0.17 | 3.333 | 0 | 66.6 | 29 | 105 | 0 | 0 | | |
| 1,4-Dichlorobenzene | 1.237 | 0.17 | 1.667 | 0 | 74.2 | 26 | 111 | 0 | 0 | | |
| 2,4-Dinitrotoluene | 1.378 | 0.033 | 1.667 | 0 | 82.7 | 46 | 125 | 0 | 0 | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Weaver Boos
Work Order: 14040228
Project: 3682-300-07, Quinn Emanuel, Chicago, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 75578

| | | | | | | | | | | | |
|----------------------------------|------------------------|----------------------------|---------------------|--------------------------------|-------------------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: LCS-75578-SVOC | SampType: LCS | TestCode: SVOC_SOIL | Units: mg/Kg | Prep Date: 4/8/2014 | Run ID: SVOC-5_140408B | | | | | | |
| Client ID: ZZZZ | Batch ID: 75578 | TestNo: SW8270C | | Analysis Date: 4/8/2014 | SeqNo: 2642991 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | | | | | |
|---------------------------|-------|-------|-------|---|------|----|-----|---|---|--|--|
| 4-Nitrophenol | 2.759 | 0.33 | 3.333 | 0 | 82.8 | 12 | 146 | 0 | 0 | | |
| N-Nitrosodi-n-propylamine | 1.223 | 0.033 | 1.667 | 0 | 73.4 | 29 | 109 | 0 | 0 | | |
| Pentachlorophenol | 2.681 | 0.067 | 3.333 | 0 | 80.4 | 10 | 192 | 0 | 0 | | |
| Phenol | 2.215 | 0.17 | 3.333 | 0 | 66.4 | 27 | 104 | 0 | 0 | | |
| Pyrene | 1.407 | 0.033 | 1.667 | 0 | 84.4 | 42 | 148 | 0 | 0 | | |
| 1,2,4-Trichlorobenzene | 1.252 | 0.17 | 1.667 | 0 | 75.1 | 55 | 106 | 0 | 0 | | |

| | | | | | | | | | | | |
|----------------------------|-----------------|---------------------|------------------|-------------------------|------------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: 14040281-001BMS | SampType: MS | TestCode: SVOC_SOIL | Units: mg/Kg-dry | Prep Date: 4/8/2014 | Run ID: SVOC-5_140408B | | | | | | |
| Client ID: ZZZZ | Batch ID: 75578 | TestNo: SW8270C | | Analysis Date: 4/8/2014 | SeqNo: 2643018 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | | | | | |
|---------------------------|-------|-------|-------|--------|------|----|-----|---|---|--|--|
| Acenaphthene | 1.72 | 0.039 | 1.975 | 0.2159 | 76.1 | 24 | 139 | 0 | 0 | | |
| 4-Chloro-3-methylphenol | 3.089 | 0.39 | 3.948 | 0 | 78.2 | 28 | 121 | 0 | 0 | | |
| 2-Chlorophenol | 2.606 | 0.20 | 3.948 | 0 | 66 | 21 | 102 | 0 | 0 | | |
| 1,4-Dichlorobenzene | 1.388 | 0.20 | 1.975 | 0 | 70.3 | 27 | 95 | 0 | 0 | | |
| 2,4-Dinitrotoluene | 1.655 | 0.039 | 1.975 | 0 | 83.8 | 32 | 127 | 0 | 0 | | |
| 4-Nitrophenol | 3.289 | 0.39 | 3.948 | 0 | 83.3 | 10 | 156 | 0 | 0 | | |
| N-Nitrosodi-n-propylamine | 1.447 | 0.039 | 1.975 | 0 | 73.3 | 16 | 122 | 0 | 0 | | |
| Pentachlorophenol | 3.183 | 0.080 | 3.948 | 0 | 80.6 | 10 | 204 | 0 | 0 | | |
| Phenol | 2.665 | 0.20 | 3.948 | 0 | 67.5 | 20 | 103 | 0 | 0 | | |
| Pyrene | 2.571 | 0.039 | 1.975 | 2.137 | 22 | 10 | 184 | 0 | 0 | | |
| 1,2,4-Trichlorobenzene | 1.553 | 0.20 | 1.975 | 0 | 78.6 | 55 | 106 | 0 | 0 | | |

| | | | | | | | | | | | |
|-----------------------------|-----------------|---------------------|------------------|-------------------------|------------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: 14040281-001BMSD | SampType: MSD | TestCode: SVOC_SOIL | Units: mg/Kg-dry | Prep Date: 4/8/2014 | Run ID: SVOC-5_140408B | | | | | | |
| Client ID: ZZZZ | Batch ID: 75578 | TestNo: SW8270C | | Analysis Date: 4/8/2014 | SeqNo: 2643019 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | | | | | |
|-------------------------|-------|-------|-------|--------|------|----|-----|-------|-------|----|--|
| Acenaphthene | 1.75 | 0.039 | 1.975 | 0.2159 | 77.7 | 24 | 139 | 1.72 | 1.73 | 57 | |
| 4-Chloro-3-methylphenol | 3.116 | 0.39 | 3.948 | 0 | 78.9 | 28 | 121 | 3.089 | 0.866 | 88 | |
| 2-Chlorophenol | 2.727 | 0.20 | 3.948 | 0 | 69.1 | 21 | 102 | 2.606 | 4.53 | 49 | |
| 1,4-Dichlorobenzene | 1.481 | 0.20 | 1.975 | 0 | 75 | 27 | 95 | 1.388 | 6.50 | 43 | |

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits E - Value above quantitation range
* - Non Accredited Parameter H/HT - Holding Time Exceeded

CLIENT: Weaver Boos

Work Order: 14040228

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 75578

| Sample ID: 14040281-001BMSD | SampType: MSD | TestCode: SVOC_SOIL | Units: mg/Kg-dry | Prep Date: 4/8/2014 | Run ID: SVOC-5_140408B | | | | | | |
|-----------------------------|-----------------|---------------------|------------------|-------------------------|------------------------|----------|-----------|-------------|-------|----------|------|
| Client ID: ZZZZ | Batch ID: 75578 | TestNo: SW8270C | | Analysis Date: 4/8/2014 | SeqNo: 2643019 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| 2,4-Dinitrotoluene | 1.631 | 0.039 | 1.975 | 0 | 82.6 | 32 | 127 | 1.655 | 1.42 | 37 | |
| 4-Nitrophenol | 3.172 | 0.39 | 3.948 | 0 | 80.3 | 10 | 156 | 3.289 | 3.63 | 56 | |
| N-Nitrosodi-n-propylamine | 1.443 | 0.039 | 1.975 | 0 | 73.1 | 16 | 122 | 1.447 | 0.301 | 47 | |
| Pentachlorophenol | 3.193 | 0.080 | 3.948 | 0 | 80.9 | 10 | 204 | 3.183 | 0.297 | 47 | |
| Phenol | 2.768 | 0.20 | 3.948 | 0 | 70.1 | 20 | 103 | 2.665 | 3.81 | 66 | |
| Pyrene | 2.663 | 0.039 | 1.975 | 2.137 | 26.7 | 10 | 184 | 2.571 | 3.55 | 51 | |
| 1,2,4-Trichlorobenzene | 1.583 | 0.20 | 1.975 | 0 | 80.1 | 55 | 106 | 1.553 | 1.91 | 23 | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank
E - Value above quantitation range

Prep Start Date: **4/10/2014 12:30:00**

 Prep End Date: **4/10/2014 3:00:00 P**

Prep Factor Units:

 Prep Batch **75655**

 Prep Code: **M_S_PREP**

 Technician: **MDDT**

mL / g

| Sample ID | Matrix | pH | SampAmt | Sol Added | Sol Recov | Fin Vol | factor | PrepStart | PrepEnd |
|------------------|--------|----|---------|-----------|-----------|---------|----------|-----------|-----------|
| IMBS2 4/10/14 | | | 1 | 0 | 0 | 50 | 50.000 | 4/10/2014 | 4/10/2014 |
| ILCSS2 4/10/14 | | | 1 | 0 | 0 | 50 | 50.000 | 4/10/2014 | 4/10/2014 |
| 14040228-001A | Soil | | 0.9967 | 0 | 0 | 50 | 50.166 | 4/10/2014 | 4/10/2014 |
| 14040228-002A | Soil | | 0.9994 | 0 | 0 | 50 | 50.030 | 4/10/2014 | 4/10/2014 |
| 14040228-003A | Soil | | 1.0695 | 0 | 0 | 50 | 46.751 | 4/10/2014 | 4/10/2014 |
| 14040228-004A | Soil | | 0.9969 | 0 | 0 | 50 | 50.155 | 4/10/2014 | 4/10/2014 |
| 14040228-005A | Soil | | 1.0782 | 0 | 0 | 50 | 46.374 | 4/10/2014 | 4/10/2014 |
| 14040228-006A | Soil | | 1.1095 | 0 | 0 | 50 | 45.065 | 4/10/2014 | 4/10/2014 |
| 14040228-007A | Soil | | 0.9783 | 0 | 0 | 50 | 51.109 | 4/10/2014 | 4/10/2014 |
| 14040228-008A | Soil | | 1.1961 | 0 | 0 | 50 | 41.803 | 4/10/2014 | 4/10/2014 |
| 14040297-001B | Soil | | 0.9877 | 0 | 0 | 50 | 50.623 | 4/10/2014 | 4/10/2014 |
| 14040247-001A | Soil | | 1.1763 | 0 | 0 | 50 | 42.506 | 4/10/2014 | 4/10/2014 |
| 14040247-002A | Soil | | 0.9766 | 0 | 0 | 50 | 51.198 | 4/10/2014 | 4/10/2014 |
| 14040247-003A | Soil | | 1.1218 | 0 | 0 | 50 | 44.571 | 4/10/2014 | 4/10/2014 |
| 14040247-004A | Soil | | 1.1336 | 0 | 0 | 50 | 44.107 | 4/10/2014 | 4/10/2014 |
| 14040247-005A | Soil | | 1.1873 | 0 | 0 | 50 | 42.112 | 4/10/2014 | 4/10/2014 |
| 14040247-006A | Soil | | 0.9718 | 0 | 0 | 50 | 51.451 | 4/10/2014 | 4/10/2014 |
| 14040247-006AMS | Soil | | 0.9759 | 0 | 0 | 50 | 51.235 | 4/10/2014 | 4/10/2014 |
| 14040247-006AMSD | Soil | | 0.9716 | 0 | 0 | 50 | 51.462 | 4/10/2014 | 4/10/2014 |
| 14040213-001A | Solid | | 0.0216 | 0 | 0 | 50 | 2314.815 | 4/10/2014 | 4/10/2014 |

CLIENT: Weaver Boos
Work Order: 14040228
Project: 3682-300-07, Quinn Emanuel, Chicago, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 75655

| Sample ID: IMBS2 4/10/14 | SampType: MBLK | TestCode: M_ICPMS_S | Units: mg/Kg | Prep Date: 4/10/2014 | Run ID: ICPMS_140410A | | | | | | |
|---------------------------------|------------------------|----------------------------|---------------------|---------------------------------|------------------------------|----------|-----------|-------------|------|----------|------|
| Client ID: ZZZZ | Batch ID: 75655 | TestNo: SW6020 | | Analysis Date: 4/10/2014 | SeqNo: 2644881 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Aluminum | ND | 10 | | | | | | | | | |
| Antimony | ND | 1.0 | | | | | | | | | |
| Arsenic | ND | 0.50 | | | | | | | | | |
| Barium | 0.14 | 0.50 | | | | | | | | | J |
| Cadmium | 0.1045 | 0.25 | | | | | | | | | J |
| Calcium | ND | 30 | | | | | | | | | |
| Chromium | 0.1725 | 0.50 | | | | | | | | | J |
| Cobalt | ND | 0.50 | | | | | | | | | |
| Copper | 0.2005 | 1.2 | | | | | | | | | J |
| Iron | ND | 15 | | | | | | | | | |
| Lead | ND | 0.25 | | | | | | | | | |
| Manganese | ND | 0.50 | | | | | | | | | |
| Molybdenum | ND | 2.5 | | | | | | | | | |
| Nickel | ND | 0.50 | | | | | | | | | |
| Potassium | ND | 15 | | | | | | | | | |
| Selenium | ND | 0.50 | | | | | | | | | |
| Silver | ND | 0.50 | | | | | | | | | |
| Thallium | 0.088 | 0.50 | | | | | | | | | J |
| Tin | 1.524 | 2.5 | | | | | | | | | J* |
| Titanium | ND | 1.2 | | | | | | | | | * |
| Vanadium | ND | 0.50 | | | | | | | | | |
| Zinc | ND | 2.5 | | | | | | | | | |

| Sample ID: ILCSS2 4/10/14 | SampType: LCS | TestCode: M_ICPMS_S | Units: mg/Kg | Prep Date: 4/10/2014 | Run ID: ICPMS_140410A | | | | | | |
|----------------------------------|------------------------|----------------------------|---------------------|---------------------------------|------------------------------|----------|-----------|-------------|------|----------|------|
| Client ID: ZZZZ | Batch ID: 75655 | TestNo: SW6020 | | Analysis Date: 4/10/2014 | SeqNo: 2644882 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Antimony | 18.6 | 1.0 | 12.5 | 0 | 149 | 80 | 120 | 0 | 0 | | S |
| Arsenic | 24.45 | 0.50 | 25 | 0 | 97.8 | 80 | 120 | 0 | 0 | | |
| Barium | 25.4 | 0.50 | 25 | 0.14 | 101 | 80 | 120 | 0 | 0 | | |
| Cadmium | 24.64 | 0.25 | 25 | 0.1045 | 98.1 | 80 | 120 | 0 | 0 | | |

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits E - Value above quantitation range
* - Non Accredited Parameter H/HT - Holding Time Exceeded

CLIENT: Weaver Boos
Work Order: 14040228
Project: 3682-300-07, Quinn Emanuel, Chicago, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 75655

| Sample ID: ILCSS2 4/10/14 | SampType: LCS | TestCode: M_ICPMS_S | Units: mg/Kg | Prep Date: 4/10/2014 | Run ID: ICPMS_140410A | | | | | | |
|----------------------------------|------------------------|----------------------------|---------------------|---------------------------------|------------------------------|----------|-----------|-------------|------|----------|------|
| Client ID: ZZZZZ | Batch ID: 75655 | TestNo: SW6020 | | Analysis Date: 4/10/2014 | SeqNo: 2644882 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Calcium | 101 | 30 | 100 | 0 | 101 | 80 | 120 | 0 | 0 | | |
| Chromium | 24.75 | 0.50 | 25 | 0.1725 | 98.3 | 80 | 120 | 0 | 0 | | |
| Cobalt | 24.81 | 0.50 | 25 | 0 | 99.2 | 80 | 120 | 0 | 0 | | |
| Copper | 25.72 | 1.2 | 25 | 0.2005 | 102 | 80 | 120 | 0 | 0 | | |
| Iron | 100.4 | 15 | 100 | 0 | 100 | 80 | 120 | 0 | 0 | | |
| Lead | 26.38 | 0.25 | 25 | 0 | 106 | 80 | 120 | 0 | 0 | | |
| Manganese | 25.22 | 0.50 | 25 | 0 | 101 | 80 | 120 | 0 | 0 | | |
| Molybdenum | 12.62 | 2.5 | 12.5 | 0 | 101 | 80 | 120 | 0 | 0 | | |
| Nickel | 24.96 | 0.50 | 25 | 0 | 99.8 | 80 | 120 | 0 | 0 | | |
| Potassium | 100.2 | 15 | 100 | 0 | 100 | 80 | 120 | 0 | 0 | | |
| Selenium | 23.24 | 0.50 | 25 | 0 | 92.9 | 80 | 120 | 0 | 0 | | |
| Silver | 9.66 | 0.50 | 10 | 0 | 96.6 | 80 | 120 | 0 | 0 | | |
| Thallium | 25.35 | 0.50 | 25 | 0.088 | 101 | 80 | 120 | 0 | 0 | | |
| Tin | 14.69 | 2.5 | 12.5 | 1.524 | 105 | 80 | 120 | 0 | 0 | | * |
| Titanium | ND | 1.2 | 12.5 | 0 | 0 | 80 | 120 | 0 | 0 | | S* |
| Vanadium | 24.6 | 0.50 | 25 | 0 | 98.4 | 80 | 120 | 0 | 0 | | |
| Zinc | 23.04 | 2.5 | 25 | 0 | 92.1 | 80 | 120 | 0 | 0 | | |

| | | | | | | | | | | | |
|----------------------------------|------------------------|----------------------------|---------------------|---------------------------------|--------------------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: ILCSS2 4/10/14 | SampType: LCS | TestCode: M_ICPMS_S | Units: mg/Kg | Prep Date: 4/10/2014 | Run ID: ICPMS-2_140410A | | | | | | |
| Client ID: ZZZZ | Batch ID: 75655 | TestNo: SW6020 | | Analysis Date: 4/10/2014 | SeqNo: 2644897 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Aluminum | 26.13 | 10 | 25 | 0 | 105 | 80 | 120 | 0 | 0 | | |

| | | | | | | | | | | | |
|----------------------------|-----------------|---------------------|------------------|--------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: 14040247-006AMS | SampType: MS | TestCode: M_ICPMS_S | Units: mg/Kg-dry | Prep Date: 4/10/2014 | Run ID: ICPMS_140410A | | | | | | |
| Client ID: ZZZZ | Batch ID: 75655 | TestNo: SW6020 | | Analysis Date: 4/10/2014 | SeqNo: 2645032 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Antimony | 4.957 | 2.5 | 15.56 | 0 | 31.9 | 75 | 125 | 0 | 0 | | S |
| Arsenic | 40.63 | 1.2 | 31.13 | 9.621 | 99.6 | 75 | 125 | 0 | 0 | | |
| Barium | 107.7 | 1.2 | 31.13 | 81.15 | 85.3 | 75 | 125 | 0 | 0 | | |

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits E - Value above quantitation range
* - Non Accredited Parameter H/HT - Holding Time Exceeded

CLIENT: Weaver Boos
Work Order: 14040228
Project: 3682-300-07, Quinn Emanuel, Chicago, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 75655

| Sample ID: 14040247-006AMS | SampType: MS | TestCode: M_ICPMS_S | Units: mg/Kg-dry | Prep Date: 4/10/2014 | Run ID: ICPMS_140410A | | | | | | |
|----------------------------|-----------------|---------------------|------------------|--------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Client ID: ZZZZ | Batch ID: 75655 | TestNo: SW6020 | | Analysis Date: 4/10/2014 | SeqNo: 2645032 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Cadmium | 31.14 | 0.62 | 31.13 | 0.8415 | 97.3 | 75 | 125 | 0 | 0 | | |
| Chromium | 58.43 | 1.2 | 31.13 | 23.89 | 111 | 75 | 125 | 0 | 0 | | |
| Cobalt | 42.53 | 1.2 | 31.13 | 12.78 | 95.5 | 75 | 125 | 0 | 0 | | |
| Copper | 61.56 | 3.1 | 31.13 | 29.74 | 102 | 75 | 125 | 0 | 0 | | |
| Lead | 74.52 | 0.62 | 31.13 | 43.67 | 99.1 | 75 | 125 | 0 | 0 | | |
| Manganese | 1127 | 1.2 | 31.13 | 831.5 | 949 | 75 | 125 | 0 | 0 | | S |
| Molybdenum | 18.96 | 6.2 | 15.56 | 5.063 | 89.3 | 75 | 125 | 0 | 0 | | |
| Nickel | 58.23 | 1.2 | 31.13 | 29.08 | 93.7 | 75 | 125 | 0 | 0 | | |
| Potassium | 2556 | 37 | 124.5 | 2429 | 101 | 75 | 125 | 0 | 0 | | |
| Selenium | 29.64 | 1.2 | 31.13 | 0.9909 | 92 | 75 | 125 | 0 | 0 | | |
| Silver | 11.52 | 1.2 | 12.45 | 0.09628 | 91.7 | 75 | 125 | 0 | 0 | | |
| Thallium | 31.48 | 1.2 | 31.13 | 0.8233 | 98.5 | 75 | 125 | 0 | 0 | | |
| Tin | 18.33 | 6.2 | 15.56 | 3.66 | 94.3 | 75 | 125 | 0 | 0 | | * |
| Titanium | ND | 3.1 | 15.56 | 0 | 0 | 75 | 125 | 0 | 0 | | S* |
| Vanadium | 48.36 | 1.2 | 31.13 | 19.92 | 91.4 | 75 | 125 | 0 | 0 | | |
| Zinc | 101.8 | 6.2 | 31.13 | 90.52 | 36.4 | 75 | 125 | 0 | 0 | | S |

| Sample ID: 14040247-006AMS | SampType: MS | TestCode: M_ICPMS_S | Units: mg/Kg-dry | Prep Date: 4/10/2014 | Run ID: ICPMS-2_140410A | | | | | | |
|----------------------------|-----------------|---------------------|------------------|--------------------------|-------------------------|----------|-----------|-------------|------|----------|------|
| Client ID: ZZZZ | Batch ID: 75655 | TestNo: SW6020 | | Analysis Date: 4/10/2014 | SeqNo: 2645071 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Aluminum | 12250 | 250 | 31.13 | 10080 | 6960 | 75 | 125 | 0 | 0 | | S |
| Calcium | 80870 | 750 | 124.5 | 73140 | 6200 | 75 | 125 | 0 | 0 | | S |
| Iron | 31180 | 370 | 124.5 | 24430 | 5430 | 75 | 125 | 0 | 0 | | S |

| | | | | | | | | | | | |
|----------------------------|-----------------|---------------------|------------------|--------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: 14040247-006AMS | SampType: MS | TestCode: M_ICPMS_S | Units: mg/Kg-dry | Prep Date: 4/10/2014 | Run ID: ICPMS_140411A | | | | | | |
| Client ID: ZZZZ | Batch ID: 75655 | TestNo: SW6020 | | Analysis Date: 4/11/2014 | SeqNo: 2645571 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Barium | 114.5 | 1.2 | 31.13 | 77.65 | 119 | 75 | 125 | 0 | 0 | | |

| | | | |
|--------------------|--|---|---|
| Qualifiers: | ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits | B - Analyte detected in the associated Method Blank |
| | J - Analyte detected below quantitation limits | R - RPD outside accepted recovery limits | E - Value above quantitation range |
| | * - Non Accredited Parameter | H/HT - Holding Time Exceeded | |

CLIENT: Weaver Boos
Work Order: 14040228
Project: 3682-300-07, Quinn Emanuel, Chicago, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 75655

| Sample ID: 14040247-006AMSD | SampType: MSD | TestCode: M_ICPMS_S | Units: mg/Kg-dry | Prep Date: 4/10/2014 | Run ID: ICPMS_140410A | | | | | | |
|-----------------------------|-----------------|---------------------|------------------|--------------------------|-----------------------|----------|-----------|-------------|-------|----------|------|
| Client ID: ZZZZ | Batch ID: 75655 | TestNo: SW6020 | | Analysis Date: 4/10/2014 | SeqNo: 2645033 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Antimony | 5.176 | 2.5 | 15.63 | 0 | 33.1 | 75 | 125 | 4.957 | 4.31 | 20 | S |
| Arsenic | 43.48 | 1.3 | 31.26 | 9.621 | 108 | 75 | 125 | 40.63 | 6.79 | 20 | |
| Barium | 96.73 | 1.3 | 31.26 | 81.15 | 49.9 | 75 | 125 | 107.7 | 10.7 | 20 | S |
| Cadmium | 31.2 | 0.63 | 31.26 | 0.8415 | 97.1 | 75 | 125 | 31.14 | 0.181 | 20 | |
| Chromium | 52.96 | 1.3 | 31.26 | 23.89 | 93 | 75 | 125 | 58.43 | 9.82 | 20 | |
| Cobalt | 42.06 | 1.3 | 31.26 | 12.78 | 93.6 | 75 | 125 | 42.53 | 1.09 | 20 | |
| Copper | 59.35 | 3.1 | 31.26 | 29.74 | 94.7 | 75 | 125 | 61.56 | 3.65 | 20 | |
| Lead | 73.47 | 0.63 | 31.26 | 43.67 | 95.3 | 75 | 125 | 74.52 | 1.41 | 20 | |
| Manganese | 830.4 | 1.3 | 31.26 | 831.5 | -3.45 | 75 | 125 | 1127 | 30.3 | 20 | SR |
| Molybdenum | 20.54 | 6.3 | 15.63 | 5.063 | 99 | 75 | 125 | 18.96 | 8.02 | 20 | |
| Nickel | 58.37 | 1.3 | 31.26 | 29.08 | 93.7 | 75 | 125 | 58.23 | 0.238 | 20 | |
| Potassium | 2753 | 38 | 125.1 | 2429 | 259 | 75 | 125 | 2556 | 7.45 | 20 | S |
| Selenium | 31.73 | 1.3 | 31.26 | 0.9909 | 98.3 | 75 | 125 | 29.64 | 6.83 | 20 | |
| Silver | 11.68 | 1.3 | 12.51 | 0.09628 | 92.6 | 75 | 125 | 11.52 | 1.41 | 20 | |
| Thallium | 32.66 | 1.3 | 31.26 | 0.8233 | 102 | 75 | 125 | 31.48 | 3.67 | 20 | |
| Tin | 18.65 | 6.3 | 15.63 | 3.66 | 95.9 | 75 | 125 | 18.33 | 1.72 | 20 | * |
| Titanium | ND | 3.1 | 15.63 | 0 | 0 | 75 | 125 | 0 | 0 | 0 | S* |
| Vanadium | 48.85 | 1.3 | 31.26 | 19.92 | 92.6 | 75 | 125 | 48.36 | 1.01 | 20 | |
| Zinc | 97.17 | 6.3 | 31.26 | 90.52 | 21.3 | 75 | 125 | 101.8 | 4.70 | 20 | S |

| Sample ID: 14040247-006AMSD | SampType: MSD | TestCode: M_ICPMS_S | Units: mg/Kg-dry | Prep Date: 4/10/2014 | Run ID: ICPMS-2_140410A | | | | | | |
|-----------------------------|-----------------|---------------------|------------------|--------------------------|-------------------------|----------|-----------|-------------|------|----------|------|
| Client ID: ZZZZ | Batch ID: 75655 | TestNo: SW6020 | | Analysis Date: 4/10/2014 | SeqNo: 2645072 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Aluminum | 12690 | 250 | 31.26 | 10080 | 8350 | 75 | 125 | 12250 | 3.54 | 20 | S |
| Calcium | 88290 | 750 | 125.1 | 73140 | 12100 | 75 | 125 | 80870 | 8.78 | 20 | S |
| Iron | 30870 | 380 | 125.1 | 24430 | 5150 | 75 | 125 | 31180 | 1.01 | 20 | S |

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits E - Value above quantitation range
* - Non Accredited Parameter H/HT - Holding Time Exceeded

Prep Start Date: **4/8/2014 2:36:00 PM**

 Prep End Date: **4/8/2014 3:15:00 PM**

Prep Factor Units:

 Prep Batch **75589** Prep Code: **M_HG_S_PRE** Technician: **LB**

mL / g

| Sample ID | Matrix | pH | SampAmt | Sol Added | Sol Recov | Fin Vol | factor | PrepStart | PrepEnd |
|------------------|--------|----|---------|-----------|-----------|---------|--------|-----------|----------|
| HGMBS1 4/7/14 | | | 0.302 | 0 | 0 | 30 | 99.338 | 4/7/2014 | 4/7/2014 |
| HGLCSS1 4/7/14 | | | 0.301 | 0 | 0 | 30 | 99.668 | 4/7/2014 | 4/7/2014 |
| 14040080-005B | Soil | | 0.372 | 0 | 0 | 30 | 80.645 | 4/7/2014 | 4/7/2014 |
| 14040158-001A | Soil | | 0.315 | 0 | 0 | 30 | 95.238 | 4/7/2014 | 4/7/2014 |
| 14040158-002A | Soil | | 0.343 | 0 | 0 | 30 | 87.464 | 4/7/2014 | 4/7/2014 |
| 14040158-003A | Soil | | 0.332 | 0 | 0 | 30 | 90.361 | 4/7/2014 | 4/7/2014 |
| 14040158-004A | Soil | | 0.362 | 0 | 0 | 30 | 82.873 | 4/7/2014 | 4/7/2014 |
| 14040158-005A | Soil | | 0.38 | 0 | 0 | 30 | 78.947 | 4/7/2014 | 4/7/2014 |
| 14040158-006A | Soil | | 0.358 | 0 | 0 | 30 | 83.799 | 4/7/2014 | 4/7/2014 |
| 14040158-007A | Soil | | 0.324 | 0 | 0 | 30 | 92.593 | 4/7/2014 | 4/7/2014 |
| 14040227-001B | Soil | | 0.363 | 0 | 0 | 30 | 82.645 | 4/7/2014 | 4/7/2014 |
| 14040227-002B | Soil | | 0.319 | 0 | 0 | 30 | 94.044 | 4/7/2014 | 4/7/2014 |
| 14040228-001A | Soil | | 0.39 | 0 | 0 | 30 | 76.923 | 4/7/2014 | 4/7/2014 |
| 14040228-002A | Soil | | 0.347 | 0 | 0 | 30 | 86.455 | 4/7/2014 | 4/7/2014 |
| 14040228-003A | Soil | | 0.316 | 0 | 0 | 30 | 94.937 | 4/7/2014 | 4/7/2014 |
| 14040228-004A | Soil | | 0.354 | 0 | 0 | 30 | 84.746 | 4/7/2014 | 4/7/2014 |
| 14040228-005A | Soil | | 0.329 | 0 | 0 | 30 | 91.185 | 4/7/2014 | 4/7/2014 |
| 14040228-006A | Soil | | 0.31 | 0 | 0 | 30 | 96.774 | 4/7/2014 | 4/7/2014 |
| 14040228-007A | Soil | | 0.33 | 0 | 0 | 30 | 90.909 | 4/7/2014 | 4/7/2014 |
| 14040228-008A | Soil | | 0.348 | 0 | 0 | 30 | 86.207 | 4/7/2014 | 4/7/2014 |
| 14040158-002AMS | Soil | | 0.341 | 0 | 0 | 30 | 87.977 | 4/7/2014 | 4/7/2014 |
| 14040158-002AMSD | Soil | | 0.343 | 0 | 0 | 30 | 87.464 | 4/7/2014 | 4/7/2014 |
| 14040281-001B | Soil | | 0.329 | 0 | 0 | 30 | 91.185 | 4/8/2014 | 4/8/2014 |
| 14040281-002B | Soil | | 0.345 | 0 | 0 | 30 | 86.957 | 4/8/2014 | 4/8/2014 |

CLIENT: Weaver Boos

Work Order: 14040228

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 75589

| | | | | | |
|---------------------------------|------------------------|-----------------------------|--------------------------------|----------------------------|--|
| Sample ID: HGMBS1 4/7/14 | SampType: MBLK | TestCode: M_HG_SOLID | Units: mg/Kg | Prep Date: 4/7/2014 | Run ID: CETAC 2_140408A |
| Client ID: ZZZZ | Batch ID: 75589 | TestNo: SW7471A | Analysis Date: 4/8/2014 | SeqNo: 2642341 | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual |
| Mercury | 0.002483 | 0.020 | | | J |

| | | | | | |
|----------------------------------|------------------------|-----------------------------|--------------------------------|----------------------------|--|
| Sample ID: HGLCSS1 4/7/14 | SampType: LCS | TestCode: M_HG_SOLID | Units: mg/Kg | Prep Date: 4/7/2014 | Run ID: CETAC 2_140408A |
| Client ID: ZZZZ | Batch ID: 75589 | TestNo: SW7471A | Analysis Date: 4/8/2014 | SeqNo: 2642342 | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual |
| Mercury | 0.2532 | 0.020 | 0.2492 | 0.002483 | 101 80 120 0 0 |

| | | | | | |
|-----------------------------------|------------------------|-----------------------------|--------------------------------|----------------------------|--|
| Sample ID: 14040158-002AMS | SampType: MS | TestCode: M_HG_SOLID | Units: mg/Kg-dry | Prep Date: 4/7/2014 | Run ID: CETAC 2_140408A |
| Client ID: ZZZZ | Batch ID: 75589 | TestNo: SW7471A | Analysis Date: 4/8/2014 | SeqNo: 2642349 | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual |
| Mercury | 0.2999 | 0.022 | 0.2756 | 0.03507 | 96.1 75 125 0 0 |

| | | | | | |
|------------------------------------|------------------------|-----------------------------|--------------------------------|----------------------------|--|
| Sample ID: 14040158-002AMSD | SampType: MSD | TestCode: M_HG_SOLID | Units: mg/Kg-dry | Prep Date: 4/7/2014 | Run ID: CETAC 2_140408A |
| Client ID: ZZZZ | Batch ID: 75589 | TestNo: SW7471A | Analysis Date: 4/8/2014 | SeqNo: 2642351 | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual |
| Mercury | 0.3069 | 0.022 | 0.274 | 0.03507 | 99.2 75 125 0.2999 2.31 20 |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Weaver Boos

Work Order: 14040228

Project: 3682-300-07, Quinn Emanuel, Chicago, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: R97765

| | | | | | | | | | | | |
|-----------------------------|------------------|-----------------|-----------------|-------------------------|--------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: 14040175-004BDUP | SampType: DUP | TestCode: PH_S | Units: pH Units | Prep Date: 4/7/2014 | Run ID: PH_140407B | | | | | | |
| Client ID: ZZZZ | Batch ID: R97765 | TestNo: SW9045C | | Analysis Date: 4/7/2014 | SeqNo: 2641403 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| pH | 8.12 | 0 | 0 | 0 | 0 | 0 | 0 | 8.01 | 1.36 | 20 | |

Qualifiers: ND - Not Detected at the Reporting Limit
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H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Weaver Boos
Work Order: 14040228
Project: 3682-300-07, Quinn Emanuel, Chicago, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: R97776

| | | | | | | | | | | | |
|---------------------------------|-------------------------|-------------------------|-------------------|--------------------------------|--------------------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: PMMBK2 4/7/14 | SampType: MBLK | TestCode: PMOIST | Units: wt% | Prep Date: 4/7/2014 | Run ID: BALANCE_140407D | | | | | | |
| Client ID: ZZZZ | Batch ID: R97776 | TestNo: D2974 | | Analysis Date: 4/8/2014 | SeqNo: 2641806 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | | | | | |
|------------------|----|-------|--|--|--|--|--|--|--|--|---|
| Percent Moisture | ND | 0.200 | | | | | | | | | * |
|------------------|----|-------|--|--|--|--|--|--|--|--|---|

| | | | | | | | | | | | |
|-----------------------------------|-------------------------|-------------------------|-------------------|--------------------------------|--------------------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: PMLCS-S2 4/7/14 | SampType: LCS | TestCode: PMOIST | Units: wt% | Prep Date: 4/7/2014 | Run ID: BALANCE_140407D | | | | | | |
| Client ID: ZZZZ | Batch ID: R97776 | TestNo: D2974 | | Analysis Date: 4/8/2014 | SeqNo: 2641807 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | | | | | |
|------------------|------|-------|---|---|------|----|-----|---|---|--|---|
| Percent Moisture | 4.47 | 0.200 | 5 | 0 | 89.4 | 80 | 120 | 0 | 0 | | * |
|------------------|------|-------|---|---|------|----|-----|---|---|--|---|

| | | | | | | | | | | | |
|-----------------------------------|-------------------------|-------------------------|-------------------|--------------------------------|--------------------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: PMLCS-W2 4/7/14 | SampType: LCS | TestCode: PMOIST | Units: wt% | Prep Date: 4/7/2014 | Run ID: BALANCE_140407D | | | | | | |
| Client ID: ZZZZ | Batch ID: R97776 | TestNo: D2974 | | Analysis Date: 4/8/2014 | SeqNo: 2641808 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | | | | | |
|------------------|-------|-------|------|---|-----|----|-----|---|---|--|---|
| Percent Moisture | 99.79 | 0.200 | 99.8 | 0 | 100 | 80 | 120 | 0 | 0 | | * |
|------------------|-------|-------|------|---|-----|----|-----|---|---|--|---|

| | | | | | | | | | | | |
|------------------------------|------------------|------------------|------------|-------------------------|-------------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: 14040228-003A DUP | SampType: DUP | TestCode: PMOIST | Units: wt% | Prep Date: 4/7/2014 | Run ID: BALANCE_140407D | | | | | | |
| Client ID: 214 / 0-0.5' | Batch ID: R97776 | TestNo: D2974 | | Analysis Date: 4/8/2014 | SeqNo: 2641810 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | | | | | |
|------------------|-------|-------|---|---|---|---|---|-------|-------|----|---|
| Percent Moisture | 21.67 | 0.200 | 0 | 0 | 0 | 0 | 0 | 21.57 | 0.463 | 20 | * |
|------------------|-------|-------|---|---|---|---|---|-------|-------|----|---|

Qualifiers: ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank
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