

**Fairfield Public Schools**  
Fairfield, CT 06825

**TO:** Dr. David Title and Members of the Board of Education

**FROM:** Salvatore Morabito

**DATE:** September 6, 2013

**RE:** Osborn Hill Quarterly Testing Results

This letter is to notify you that the Fairfield Public School District has received the results of the quarterly follow-up testing for Polychlorinated Biphenyl (PCB) at Osborn Hill School conducted on August 21, 2013. This testing consisted of air and wipe samples taken in a portion of the interior spaces previously tested this past summer.

I would like to report that all of the wipe samples and 9 of the 11 air samples documented levels well below the EPA recommended limits. Two of the air samples documented levels above the EPA recommended limits. The two spaces with elevated levels are the Library Media Center and the custodian storage room. Both of these spaces are located directly adjacent to the gymnasium.

Remedial work will be done immediately on both of these spaces. After this remedial work is done the spaces will be retested. The result of these test will be shared when they are received.

The analytical results that were attached to the AMC Report will be posted on the Fairfield Public Schools' website. The Central Office Administration and the Osborn Hill School Principal will keep PCB test reports on file per State regulations.

If you have any questions or concerns regarding the specialized cleaning or the PCB testing, please feel free to contact me at (203) 255-7363.

Thank you.

c: Meg Brown  
Central Office Administration  
Sands Cleary



ENVIRONMENTAL, LLC

September 5, 2013

Mr. Tom Cullen  
Fairfield Board of Education  
501 Kings Highway East  
Fairfield, CT 06824

RE: PCB Operations and Maintenance Report for Osborn Hill Elementary  
School – August 2013 Sampling

Dear Mr. Cullen:

### **INTRODUCTION**

AMC Environmental performed the quarterly testing at Osborn Hill Elementary School located at 760 Stillson Road in Fairfield, CT on August 21, 2013 in accordance with the PCB Operations and Maintenance Plan that was developed and submitted on August 23, 2012. The inspection included three steps; visual assessments of previously encapsulated surfaces within the school, confirmatory wipe sampling, and confirmatory air sampling. This is the third round of quarterly testing performed since the library and media center have been open to the rest of the school.

### **SAMPLING**

#### **PCB Air Sampling**

PCB airborne sampling was conducted in eleven (11) areas of the school in accordance with the PCB Operations and Maintenance Plan. The areas sampled during this round of sampling were: Rooms 102, Library, Reading Room, Custodian Storage Room, Girls Toilet Room, Boys Toilet Room, Computer Room, Main Lobby, Corridor outside Room 120, Corridor outside Nurse/Principal Office and the Corridor outside Room 102.

The airborne samples were analyzed using EPA Method TO-10A for PCB Homolog Analysis and were submitted to Con-Test Analytical Laboratories in East Longmeadow, MA.

AMC  
Environmental,  
LLC

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Stratford, CT 06615

## PCB Wipe Sampling

PCB surface wipe sampling was conducted on twenty-four (24) surfaces within the same areas mentioned in the PCB air sampling section. The surfaces sampled were randomly selected floors and walls.

The surface wipe samples were analyzed using EPA Method 8082 with extraction performed by EPA Method 3540C and were submitted to Con-Test Analytical Laboratories in East Longmeadow, MA.

## RESULTS

### PCB Air Samples

A total of eleven (11) PCB airborne samples were obtained in different areas throughout Osborn Hill Elementary School. Two (2) samples documented concentrations above the EPA recommended 300 ng/m<sup>3</sup> threshold for children between the ages of six and twelve. A more conservative threshold of 100 ng/m<sup>3</sup> is the EPA recommended limit for children ages 3-6 years old within the school. The sample obtained from the Library and the Custodian Storage closet documented **unacceptable** levels of PCB in the air. The remaining nine (9) samples documented concentrations below the EPA recommended 300 ng/m<sup>3</sup> threshold for children over the age of six. Based on the sample results, the remaining nine air samples collected document **acceptable** levels of PCB in the air (see Analytical Results). Please note unlike classrooms, children do not spend a significant amount of time in the bathrooms or reading/computer rooms, therefore levels below 300ng/m<sup>3</sup> are still considered to be **acceptable**. EPA's recommended levels are based on a 6.5 hour school day for children over 3 years old. Please see air sample results in the table below.

**Table 1 – PCB Air Samples**

| <b>Sample Number</b> | <b>Location</b>              | <b>Results ng/m<sup>3</sup></b> |
|----------------------|------------------------------|---------------------------------|
| A0821-01             | Corridor o/s Room 120        | 84                              |
| A0821-02             | Girls Toilet Room            | 120                             |
| A0821-03             | Custodian Storage Room       | 560                             |
| A0821-04             | Library                      | 800                             |
| A0821-05             | Reading Room                 | 190                             |
| A0821-06             | Computer Room                | 140                             |
| A0821-07             | Boys Toilet Room             | 130                             |
| A0821-08             | Corridor o/s Nurse/Principal | 58                              |

**Table 1 – PCB Air Samples (continued)**

| Sample Number | Location              | Results ng/m <sup>3</sup> |
|---------------|-----------------------|---------------------------|
| A0821-09      | Room 102              | 87                        |
| A0821-10      | Corridor o/s Room 102 | 86                        |
| A0821-11      | Main Lobby            | 120                       |

PCB Wipe Samples

A total of twenty-four (24) PCB surface wipe samples, including two (2) blanks, were obtained from select surfaces and areas throughout Osborn Hill Elementary School. All twenty-four (24) samples documented levels below the 1 µg/100 cm<sup>2</sup>, the recommended threshold for surfaces within dermal contact set forth by the EPA and the CT DEEP. Therefore, the PCB wipe samples documented **acceptable** levels within the areas sampled (see Analytical Results). Table 2 documents the locations, surfaces and sample results for PCB wipe samples obtained.

**Table 2 – PCB Wipe Results**

| Sample Number | Location                 | Surface | Result µg/100cm <sup>2</sup> |
|---------------|--------------------------|---------|------------------------------|
| W0821-01      | Corridor o/s Room 120    | Wall    | 0.21                         |
| W0821-02      | Corridor o/s Room 120    | Floor   | ND                           |
| W0821-03      | Girls Toilet Room        | Wall    | ND                           |
| W0821-04      | Girls Toilet Room        | Floor   | 0.26                         |
| W0821-05      | Custodian Storage Room   | Wall    | ND                           |
| W0821-06      | Hall o/s Custodian Room  | Floor   | 0.26                         |
| W0821-07      | Library                  | Wall    | ND                           |
| W0821-08      | Hall o/s Library         | Floor   | 0.27                         |
| W0821-09      | Reading Room             | Wall    | ND                           |
| W0821-10      | Hall o/s Reading Room    | Floor   | 0.28                         |
| W0821-11      | Computer Room            | Wall    | ND                           |
| W0821-12      | Hall o/s Computer Room   | Floor   | 0.22                         |
| W0821-13      | Boys Toilet Room         | Wall    | ND                           |
| W0821-14      | Boys Toilet Room         | Floor   | 0.70                         |
| W0821-15      | Main Lobby               | Wall    | ND                           |
| W0821-16      | Main Lobby               | Floor   | ND                           |
| W0821-17      | Hall o/s Nurse/Principal | Wall    | ND                           |

**Table 2 – PCB Wipe Results (continued)**

| <b>Sample Number</b> | <b>Location</b>          | <b>Surface</b> | <b>Result<br/>µg/100cm<sup>2</sup></b> |
|----------------------|--------------------------|----------------|--|
| W0821-18             | Hall o/s Nurse/Principal | Floor          | ND                                     |
| W0821-19             | Room 109                 | Wall           | ND                                     |
| W0821-20             | Room 109                 | Floor          | ND                                     |
| W0821-21             | Room 102                 | Wall           | ND                                     |
| W0821-22             | Room 102                 | Floor          | ND                                     |
| W0821-23             | Blank                    | n/a            | ND                                     |
| W0821-24             | Blank                    | n/a            | 0.57                                   |

**Visual Inspection**

A thorough visual inspection of encapsulated surfaces throughout the school that contain a PCB containing material was also performed during the PCB Quarterly monitoring. As an interim measure, the previously identified PCB-containing paint on the schools interior block walls were encapsulated with an epoxy paint to eliminate the migration of PCB dust as well as maintain dermal hazards. Additionally, two hallways within the school were identified as having a stone tile that contained a PCB containing sealant on its surface. As an interim control in these areas, a skim coat was applied over the flooring and then a VCT tile was installed above it. Both areas were methodically inspected to ensure the engineering controls remain intact and effective. The inspection revealed that all surfaces encapsulated are still intact and maintaining its original integrity. Therefore, there did not appear to be any visible hazards identified during this assessment.

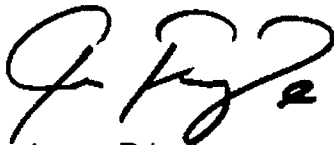
**Executive Summary**

Based on the visual inspection and analytical data of the surface sampling throughout representative areas of the school, it appears that interim controls in the hallways (encapsulation of walls and flooring) continue to be effective in maintaining PCB exposure through dermal contact. However, the airborne sample obtained in the Library as well as the Custodial Storage Closet documented 800 ng/m<sup>3</sup> and 560 ng/m<sup>3</sup> respectively. Both of these levels exceed the EPA's recommended level for PCB airborne concentrations for children 6-12 year olds. The remaining nine areas documented acceptable levels of PCB airborne concentrations for children ages 6-12 year olds (see Analytical Results). Please note that any activities or renovations that will occur within OHS shall be carefully coordinated with the PCB Program Coordinator or Designee to ensure PCB's are not disturbed during the activities.

### **Recommendations**

Based on the analytical results and the history of previous renovation in the Library as well as the Gymnasium, AMC recommends that the Library and Custodian Storage Closet be assessed to determine if there are any breaches between the Gymnasium and the affected areas. A review of the HVAC maintenance system should be performed. An assessment of the critical barriers between the Gymnasium and the Library should also be performed to determine if the critical barriers are still intact. It is also recommended that follow up airborne samples be obtained from the Library and Custodian Storage Closet. Based on the elevated levels, as a precaution, usage of the Library and the Custodian Storage Closet should be limited until acceptable airborne samples are received.

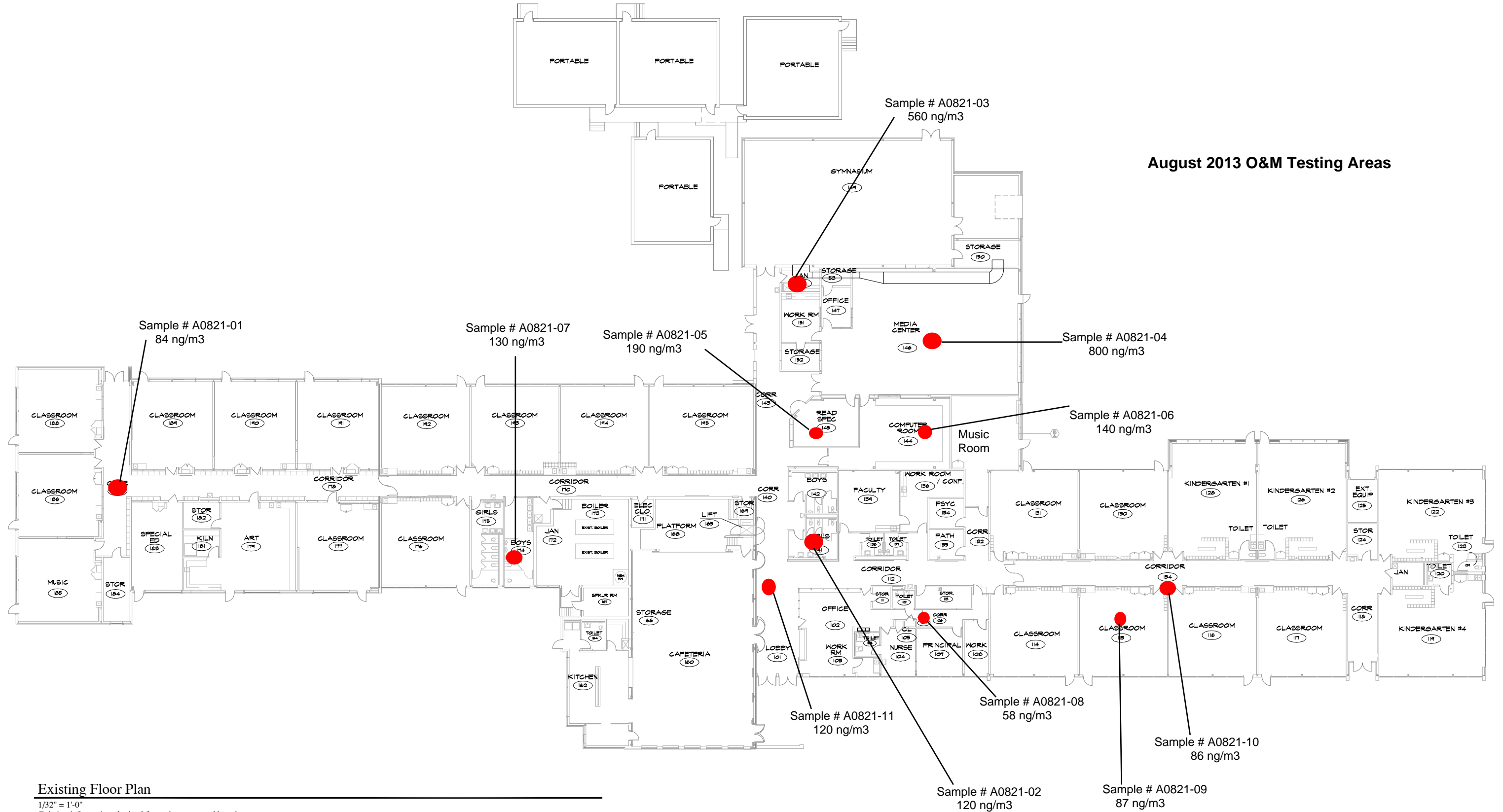
Very truly,

A handwritten signature in black ink, appearing to read 'J. Pringle', with a stylized flourish at the end.

Jason Pringle  
Principal

### O & M Sampling Plan Diagram

### August 2013 O&M Testing Areas



#### Existing Floor Plan

1/32" = 1'-0"  
 Existing information obtained from plans prepared by others  
 Room names have not been verified.

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT:  
 HAS BEEN PREPARED SPECIFICALLY FOR THE OWNER  
 FOR THIS PROJECT AT THIS SITE, AND IS NOT TO BE USED  
 FOR ANY OTHER PURPOSE, LOCATION, OR OWNER,  
 WITHOUT WRITTEN CONSENT OF THE ARCHITECT.

REVISED:

SCALE:  
 1/32" = 1'-0"  
 DATE:  
 11-28-06  
 DRAWN:

Osborn Hill Elementary School  
 Fairfield, Connecticut

26-21

Existing Floor Plan

# ASB-1

## **LABORATORY RESULTS**

### **PCB Air Sample Results**



September 5, 2013

Sandy Owen  
AMC Environmental, LLC  
PO Box 423  
Stratford, CT 06615

Project Location: Osborne Hill School, Fairfield, CT  
Client Job Number:  
Project Number: [none]  
Laboratory Work Order Number: 13H0899

Enclosed are results of analyses for samples received by the laboratory on August 22, 2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa A. Worthington  
Project Manager



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

AMC Environmental, LLC  
PO Box 423  
Stratford, CT 06615  
ATTN: Sandy Owen

REPORT DATE: 9/5/2013

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 13H0899

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Osborne Hill School, Fairfield, CT

| FIELD SAMPLE # | LAB ID:    | MATRIX | SAMPLE DESCRIPTION           | TEST                       | SUB LAB |
|----------------|------------|--------|------------------------------|----------------------------|---------|
| A0821-01       | 13H0899-01 | Air    | Corridor O/S Rm.120          | TO-10A/EPA 680<br>Modified |         |
| A0821-02       | 13H0899-02 | Air    | Girls Toilet Room            | TO-10A/EPA 680<br>Modified |         |
| A0821-03       | 13H0899-03 | Air    | Custodian Storage Rm         | TO-10A/EPA 680<br>Modified |         |
| A0821-04       | 13H0899-04 | Air    | Library                      | TO-10A/EPA 680<br>Modified |         |
| A0821-05       | 13H0899-05 | Air    | Reading Room                 | TO-10A/EPA 680<br>Modified |         |
| A0821-06       | 13H0899-06 | Air    | Computer Room                | TO-10A/EPA 680<br>Modified |         |
| A0821-07       | 13H0899-07 | Air    | Boys Toilet Room             | TO-10A/EPA 680<br>Modified |         |
| A0821-08       | 13H0899-08 | Air    | Corridor O/S Nurse/Principal | TO-10A/EPA 680<br>Modified |         |
| A0821-09       | 13H0899-09 | Air    | Room 109                     | TO-10A/EPA 680<br>Modified |         |
| A0821-10       | 13H0899-10 | Air    | Corridor O/S Rm.102          | TO-10A/EPA 680<br>Modified |         |
| A0821-11       | 13H0899-11 | Air    | Main Lobby                   | TO-10A/EPA 680<br>Modified |         |

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

Revised Report on 09/05/2013: Updated results due to calculation error.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian  
Laboratory Manager

**ANALYTICAL RESULTS**

Project Location: Osborne Hill School, Fairfield, C  
 Date Received: 8/22/2013  
**Field Sample #: A0821-01**  
**Sample ID: 13H0899-01**  
 Sample Matrix: Air  
 Sampled: 8/21/2013 16:27

Sample Description/Location: Corridor O/S Rm.120  
 Sub Description/Location:  
 Flow Controller ID:  
 Sample Type:  
 Air Volume L: 1800

**Work Order: 13H0899**

**TO-10A/EPA 680 Modified**

| Analyte                         | Total µg |        | Flag | ug/m3   |         | Dilution | Date/Time Analyzed | Analyst |
|---------------------------------|----------|--------|------|---------|---------|----------|--------------------|---------|
|                                 | Results  | RL     |      | Results | RL      |          |                    |         |
| Monochlorobiphenyls             | ND       | 0.0010 |      | ND      | 0.00056 | 1        | 8/26/13 16:45      | CJM     |
| Dichlorobiphenyls               | ND       | 0.0010 |      | ND      | 0.00056 | 1        | 8/26/13 16:45      | CJM     |
| Trichlorobiphenyls              | 0.0040   | 0.0010 |      | 0.0022  | 0.00056 | 1        | 8/26/13 16:45      | CJM     |
| Tetrachlorobiphenyls            | 0.048    | 0.0020 |      | 0.027   | 0.0011  | 1        | 8/26/13 16:45      | CJM     |
| Pentachlorobiphenyls            | 0.089    | 0.0020 |      | 0.049   | 0.0011  | 1        | 8/26/13 16:45      | CJM     |
| Hexachlorobiphenyls             | 0.0092   | 0.0020 |      | 0.0051  | 0.0011  | 1        | 8/26/13 16:45      | CJM     |
| Heptachlorobiphenyls            | ND       | 0.0030 |      | ND      | 0.0017  | 1        | 8/26/13 16:45      | CJM     |
| Octachlorobiphenyls             | ND       | 0.0030 |      | ND      | 0.0017  | 1        | 8/26/13 16:45      | CJM     |
| Nonachlorobiphenyls             | ND       | 0.0050 |      | ND      | 0.0028  | 1        | 8/26/13 16:45      | CJM     |
| Decachlorobiphenyl              | ND       | 0.0050 |      | ND      | 0.0028  | 1        | 8/26/13 16:45      | CJM     |
| Total Polychlorinated biphenyls | 0.15     |        |      | 0.084   |         | 1        | 8/26/13 16:45      | CJM     |

| Surrogates           | % Recovery | % REC Limits | Date/Time Analyzed |
|----------------------|------------|--------------|--------------------|
| Tetrachloro-m-xylene | 65.4       | 50-125       | 8/26/13 16:45      |

**ANALYTICAL RESULTS**

Project Location: Osborne Hill School, Fairfield, C  
 Date Received: 8/22/2013  
**Field Sample #: A0821-02**  
**Sample ID: 13H0899-02**  
 Sample Matrix: Air  
 Sampled: 8/21/2013 16:28

Sample Description/Location: Girls Toilet Room  
 Sub Description/Location:  
  
 Flow Controller ID:  
 Sample Type:  
 Air Volume L: 1805

**Work Order: 13H0899**

**TO-10A/EPA 680 Modified**

| Analyte                         | Total µg |        | Flag | ug/m3   |         | Dilution | Date/Time     |     | Analyst |
|---------------------------------|----------|--------|------|---------|---------|----------|---------------|-----|---------|
|                                 | Results  | RL     |      | Results | RL      |          | Analized      |     |         |
| Monochlorobiphenyls             | ND       | 0.0010 |      | ND      | 0.00055 | 1        | 8/28/13 18:31 | CJM |         |
| Dichlorobiphenyls               | ND       | 0.0010 |      | ND      | 0.00055 | 1        | 8/28/13 18:31 | CJM |         |
| Trichlorobiphenyls              | 0.0059   | 0.0010 |      | 0.0033  | 0.00055 | 1        | 8/28/13 18:31 | CJM |         |
| Tetrachlorobiphenyls            | 0.064    | 0.0020 |      | 0.035   | 0.0011  | 1        | 8/28/13 18:31 | CJM |         |
| Pentachlorobiphenyls            | 0.12     | 0.0020 |      | 0.069   | 0.0011  | 1        | 8/28/13 18:31 | CJM |         |
| Hexachlorobiphenyls             | 0.021    | 0.0020 |      | 0.012   | 0.0011  | 1        | 8/28/13 18:31 | CJM |         |
| Heptachlorobiphenyls            | ND       | 0.0030 |      | ND      | 0.0017  | 1        | 8/28/13 18:31 | CJM |         |
| Octachlorobiphenyls             | ND       | 0.0030 |      | ND      | 0.0017  | 1        | 8/28/13 18:31 | CJM |         |
| Nonachlorobiphenyls             | ND       | 0.0050 |      | ND      | 0.0028  | 1        | 8/28/13 18:31 | CJM |         |
| Decachlorobiphenyl              | ND       | 0.0050 |      | ND      | 0.0028  | 1        | 8/28/13 18:31 | CJM |         |
| Total Polychlorinated biphenyls | 0.22     |        |      | 0.12    |         | 1        | 8/28/13 18:31 | CJM |         |

| Surrogates           | % Recovery | % REC Limits |               |
|----------------------|------------|--------------|---------------|
| Tetrachloro-m-xylene | 90.1       | 50-125       | 8/28/13 18:31 |

**ANALYTICAL RESULTS**

Project Location: Osborne Hill School, Fairfield, C  
 Date Received: 8/22/2013  
**Field Sample #: A0821-03**  
**Sample ID: 13H0899-03**  
 Sample Matrix: Air  
 Sampled: 8/21/2013 16:28

Sample Description/Location: Custodian Storage Rm  
 Sub Description/Location:  
  
 Flow Controller ID:  
 Sample Type:  
 Air Volume L: 1620

**Work Order: 13H0899**

**TO-10A/EPA 680 Modified**

| Analyte                         | Total µg |        | Flag | ug/m3   |         | Dilution | Date/Time |       | Analyst |
|---------------------------------|----------|--------|------|---------|---------|----------|-----------|-------|---------|
|                                 | Results  | RL     |      | Results | RL      |          | Analyzed  |       |         |
| Monochlorobiphenyls             | ND       | 0.0010 |      | ND      | 0.00062 | 1        | 8/28/13   | 19:01 | CJM     |
| Dichlorobiphenyls               | ND       | 0.0010 |      | ND      | 0.00062 | 1        | 8/28/13   | 19:01 | CJM     |
| Trichlorobiphenyls              | 0.027    | 0.0010 |      | 0.016   | 0.00062 | 1        | 8/28/13   | 19:01 | CJM     |
| Tetrachlorobiphenyls            | 0.32     | 0.0020 |      | 0.20    | 0.0012  | 1        | 8/28/13   | 19:01 | CJM     |
| Pentachlorobiphenyls            | 0.47     | 0.0020 |      | 0.29    | 0.0012  | 1        | 8/28/13   | 19:01 | CJM     |
| Hexachlorobiphenyls             | 0.089    | 0.0020 |      | 0.055   | 0.0012  | 1        | 8/28/13   | 19:01 | CJM     |
| Heptachlorobiphenyls            | ND       | 0.0030 |      | ND      | 0.0019  | 1        | 8/28/13   | 19:01 | CJM     |
| Octachlorobiphenyls             | ND       | 0.0030 |      | ND      | 0.0019  | 1        | 8/28/13   | 19:01 | CJM     |
| Nonachlorobiphenyls             | ND       | 0.0050 |      | ND      | 0.0031  | 1        | 8/28/13   | 19:01 | CJM     |
| Decachlorobiphenyl              | ND       | 0.0050 |      | ND      | 0.0031  | 1        | 8/28/13   | 19:01 | CJM     |
| Total Polychlorinated biphenyls | 0.90     |        |      | 0.56    |         | 1        | 8/28/13   | 19:01 | CJM     |

| Surrogates           | % Recovery | % REC Limits |               |
|----------------------|------------|--------------|---------------|
| Tetrachloro-m-xylene | 99.8       | 50-125       | 8/28/13 19:01 |

**ANALYTICAL RESULTS**

Project Location: Osborne Hill School, Fairfield, C  
 Date Received: 8/22/2013  
**Field Sample #: A0821-04**  
**Sample ID: 13H0899-04**  
 Sample Matrix: Air  
 Sampled: 8/21/2013 16:29

Sample Description/Location: Library  
 Sub Description/Location:  
 Flow Controller ID:  
 Sample Type:  
 Air Volume L: 2166

**Work Order: 13H0899**

**TO-10A/EPA 680 Modified**

| Analyte                         | Total µg |        | Flag | ug/m3   |         | Dilution | Date/Time |      | Analyst |
|---------------------------------|----------|--------|------|---------|---------|----------|-----------|------|---------|
|                                 | Results  | RL     |      | Results | RL      |          | Analized  |      |         |
| Monochlorobiphenyls             | ND       | 0.0010 |      | ND      | 0.00046 | 1        | 8/29/13   | 6:47 | CJM     |
| Dichlorobiphenyls               | ND       | 0.0010 |      | ND      | 0.00046 | 1        | 8/29/13   | 6:47 | CJM     |
| Trichlorobiphenyls              | 0.039    | 0.0010 |      | 0.018   | 0.00046 | 1        | 8/29/13   | 6:47 | CJM     |
| Tetrachlorobiphenyls            | 0.58     | 0.0020 |      | 0.27    | 0.00092 | 1        | 8/29/13   | 6:47 | CJM     |
| Pentachlorobiphenyls            | 0.95     | 0.0020 |      | 0.44    | 0.00092 | 1        | 8/29/13   | 6:47 | CJM     |
| Hexachlorobiphenyls             | 0.15     | 0.0020 |      | 0.070   | 0.00092 | 1        | 8/29/13   | 6:47 | CJM     |
| Heptachlorobiphenyls            | 0.0042   | 0.0030 |      | 0.0019  | 0.0014  | 1        | 8/29/13   | 6:47 | CJM     |
| Octachlorobiphenyls             | ND       | 0.0030 |      | ND      | 0.0014  | 1        | 8/29/13   | 6:47 | CJM     |
| Nonachlorobiphenyls             | ND       | 0.0050 |      | ND      | 0.0023  | 1        | 8/29/13   | 6:47 | CJM     |
| Decachlorobiphenyl              | ND       | 0.0050 |      | ND      | 0.0023  | 1        | 8/29/13   | 6:47 | CJM     |
| Total Polychlorinated biphenyls | 1.7      |        |      | 0.80    |         | 1        | 8/29/13   | 6:47 | CJM     |

| Surrogates           | % Recovery | % REC Limits |              |
|----------------------|------------|--------------|--------------|
| Tetrachloro-m-xylene | 69.4       | 50-125       | 8/29/13 6:47 |

**ANALYTICAL RESULTS**

Project Location: Osborne Hill School, Fairfield, C  
 Date Received: 8/22/2013  
**Field Sample #: A0821-05**  
**Sample ID: 13H0899-05**  
 Sample Matrix: Air  
 Sampled: 8/21/2013 16:29

Sample Description/Location: Reading Room  
 Sub Description/Location:  
  
 Flow Controller ID:  
 Sample Type:  
 Air Volume L: 1805

**Work Order: 13H0899**

**TO-10A/EPA 680 Modified**

| Analyte                         | Total µg |        | Flag | ug/m3   |         | Dilution | Date/Time |       | Analyst |
|---------------------------------|----------|--------|------|---------|---------|----------|-----------|-------|---------|
|                                 | Results  | RL     |      | Results | RL      |          | Analized  |       |         |
| Monochlorobiphenyls             | ND       | 0.0010 |      | ND      | 0.00055 | 1        | 8/26/13   | 18:44 | CJM     |
| Dichlorobiphenyls               | ND       | 0.0010 |      | ND      | 0.00055 | 1        | 8/26/13   | 18:44 | CJM     |
| Trichlorobiphenyls              | 0.0079   | 0.0010 |      | 0.0044  | 0.00055 | 1        | 8/26/13   | 18:44 | CJM     |
| Tetrachlorobiphenyls            | 0.12     | 0.0020 |      | 0.064   | 0.0011  | 1        | 8/26/13   | 18:44 | CJM     |
| Pentachlorobiphenyls            | 0.19     | 0.0020 |      | 0.10    | 0.0011  | 1        | 8/26/13   | 18:44 | CJM     |
| Hexachlorobiphenyls             | 0.029    | 0.0020 |      | 0.016   | 0.0011  | 1        | 8/26/13   | 18:44 | CJM     |
| Heptachlorobiphenyls            | ND       | 0.0030 |      | ND      | 0.0017  | 1        | 8/26/13   | 18:44 | CJM     |
| Octachlorobiphenyls             | ND       | 0.0030 |      | ND      | 0.0017  | 1        | 8/26/13   | 18:44 | CJM     |
| Nonachlorobiphenyls             | ND       | 0.0050 |      | ND      | 0.0028  | 1        | 8/26/13   | 18:44 | CJM     |
| Decachlorobiphenyl              | ND       | 0.0050 |      | ND      | 0.0028  | 1        | 8/26/13   | 18:44 | CJM     |
| Total Polychlorinated biphenyls | 0.34     |        |      | 0.19    |         | 1        | 8/26/13   | 18:44 | CJM     |

| Surrogates           | % Recovery | % REC Limits |               |
|----------------------|------------|--------------|---------------|
| Tetrachloro-m-xylene | 76.7       | 50-125       | 8/26/13 18:44 |



**ANALYTICAL RESULTS**

Project Location: Osborne Hill School, Fairfield, C  
 Date Received: 8/22/2013  
**Field Sample #: A0821-06**  
**Sample ID: 13H0899-06**  
 Sample Matrix: Air  
 Sampled: 8/21/2013 16:59

Sample Description/Location: Computer Room  
 Sub Description/Location:  
 Flow Controller ID:  
 Sample Type:  
 Air Volume L: 1820

**Work Order: 13H0899**

**TO-10A/EPA 680 Modified**

| Analyte                         | Total µg |        | Flag | ug/m3   |         | Dilution | Date/Time Analyzed | Analyst |
|---------------------------------|----------|--------|------|---------|---------|----------|--------------------|---------|
|                                 | Results  | RL     |      | Results | RL      |          |                    |         |
| Monochlorobiphenyls             | ND       | 0.0010 |      | ND      | 0.00055 | 1        | 8/26/13 19:13      | CJM     |
| Dichlorobiphenyls               | ND       | 0.0010 |      | ND      | 0.00055 | 1        | 8/26/13 19:13      | CJM     |
| Trichlorobiphenyls              | 0.0068   | 0.0010 |      | 0.0038  | 0.00055 | 1        | 8/26/13 19:13      | CJM     |
| Tetrachlorobiphenyls            | 0.078    | 0.0020 |      | 0.043   | 0.0011  | 1        | 8/26/13 19:13      | CJM     |
| Pentachlorobiphenyls            | 0.15     | 0.0020 |      | 0.082   | 0.0011  | 1        | 8/26/13 19:13      | CJM     |
| Hexachlorobiphenyls             | 0.029    | 0.0020 |      | 0.016   | 0.0011  | 1        | 8/26/13 19:13      | CJM     |
| Heptachlorobiphenyls            | ND       | 0.0030 |      | ND      | 0.0016  | 1        | 8/26/13 19:13      | CJM     |
| Octachlorobiphenyls             | ND       | 0.0030 |      | ND      | 0.0016  | 1        | 8/26/13 19:13      | CJM     |
| Nonachlorobiphenyls             | ND       | 0.0050 |      | ND      | 0.0027  | 1        | 8/26/13 19:13      | CJM     |
| Decachlorobiphenyl              | ND       | 0.0050 |      | ND      | 0.0027  | 1        | 8/26/13 19:13      | CJM     |
| Total Polychlorinated biphenyls | 0.26     |        |      | 0.14    |         | 1        | 8/26/13 19:13      | CJM     |

| Surrogates           | % Recovery | % REC Limits |               |
|----------------------|------------|--------------|---------------|
| Tetrachloro-m-xylene | 79.5       | 50-125       | 8/26/13 19:13 |

**ANALYTICAL RESULTS**

Project Location: Osborne Hill School, Fairfield, C  
 Date Received: 8/22/2013  
**Field Sample #: A0821-07**  
**Sample ID: 13H0899-07**  
 Sample Matrix: Air  
 Sampled: 8/21/2013 16:30

Sample Description/Location: Boys Toilet Room  
 Sub Description/Location:  
  
 Flow Controller ID:  
 Sample Type:  
 Air Volume L: 1985.5

**Work Order: 13H0899**

**TO-10A/EPA 680 Modified**

| Analyte                         | Total µg |        | Flag | ug/m3   |        | Dilution | Date/Time Analyzed | Analyst |
|---------------------------------|----------|--------|------|---------|--------|----------|--------------------|---------|
|                                 | Results  | RL     |      | Results | RL     |          |                    |         |
| Monochlorobiphenyls             | ND       | 0.0010 |      | ND      | 0.0005 | 1        | 8/26/13 19:43      | CJM     |
| Dichlorobiphenyls               | ND       | 0.0010 |      | ND      | 0.0005 | 1        | 8/26/13 19:43      | CJM     |
| Trichlorobiphenyls              | 0.0064   | 0.0010 |      | 0.0032  | 0.0005 | 1        | 8/26/13 19:43      | CJM     |
| Tetrachlorobiphenyls            | 0.086    | 0.0020 |      | 0.043   | 0.001  | 1        | 8/26/13 19:43      | CJM     |
| Pentachlorobiphenyls            | 0.15     | 0.0020 |      | 0.074   | 0.001  | 1        | 8/26/13 19:43      | CJM     |
| Hexachlorobiphenyls             | 0.028    | 0.0020 |      | 0.014   | 0.001  | 1        | 8/26/13 19:43      | CJM     |
| Heptachlorobiphenyls            | ND       | 0.0030 |      | ND      | 0.0015 | 1        | 8/26/13 19:43      | CJM     |
| Octachlorobiphenyls             | ND       | 0.0030 |      | ND      | 0.0015 | 1        | 8/26/13 19:43      | CJM     |
| Nonachlorobiphenyls             | ND       | 0.0050 |      | ND      | 0.0025 | 1        | 8/26/13 19:43      | CJM     |
| Decachlorobiphenyl              | ND       | 0.0050 |      | ND      | 0.0025 | 1        | 8/26/13 19:43      | CJM     |
| Total Polychlorinated biphenyls | 0.27     |        |      | 0.13    |        | 1        | 8/26/13 19:43      | CJM     |

| Surrogates           | % Recovery | % REC Limits |               |
|----------------------|------------|--------------|---------------|
| Tetrachloro-m-xylene | 64.4       | 50-125       | 8/26/13 19:43 |

**ANALYTICAL RESULTS**

Project Location: Osborne Hill School, Fairfield, C  
 Date Received: 8/22/2013  
**Field Sample #: A0821-08**  
**Sample ID: 13H0899-08**  
 Sample Matrix: Air  
 Sampled: 8/21/2013 16:30

Sample Description/Location: Corridor O/S Nurse/Principal  
 Sub Description/Location:  
  
 Flow Controller ID:  
 Sample Type:  
 Air Volume L: 1800

**Work Order: 13H0899**

**TO-10A/EPA 680 Modified**

| Analyte                         | Total µg |        | Flag | ug/m3   |         | Dilution | Date/Time Analyzed | Analyst |
|---------------------------------|----------|--------|------|---------|---------|----------|--------------------|---------|
|                                 | Results  | RL     |      | Results | RL      |          |                    |         |
| Monochlorobiphenyls             | ND       | 0.0010 |      | ND      | 0.00056 | 1        | 8/26/13 20:12      | CJM     |
| Dichlorobiphenyls               | ND       | 0.0010 |      | ND      | 0.00056 | 1        | 8/26/13 20:12      | CJM     |
| Trichlorobiphenyls              | 0.0025   | 0.0010 |      | 0.0014  | 0.00056 | 1        | 8/26/13 20:12      | CJM     |
| Tetrachlorobiphenyls            | 0.034    | 0.0020 |      | 0.019   | 0.0011  | 1        | 8/26/13 20:12      | CJM     |
| Pentachlorobiphenyls            | 0.063    | 0.0020 |      | 0.035   | 0.0011  | 1        | 8/26/13 20:12      | CJM     |
| Hexachlorobiphenyls             | 0.0047   | 0.0020 |      | 0.0026  | 0.0011  | 1        | 8/26/13 20:12      | CJM     |
| Heptachlorobiphenyls            | ND       | 0.0030 |      | ND      | 0.0017  | 1        | 8/26/13 20:12      | CJM     |
| Octachlorobiphenyls             | ND       | 0.0030 |      | ND      | 0.0017  | 1        | 8/26/13 20:12      | CJM     |
| Nonachlorobiphenyls             | ND       | 0.0050 |      | ND      | 0.0028  | 1        | 8/26/13 20:12      | CJM     |
| Decachlorobiphenyl              | ND       | 0.0050 |      | ND      | 0.0028  | 1        | 8/26/13 20:12      | CJM     |
| Total Polychlorinated biphenyls | 0.10     |        |      | 0.058   |         | 1        | 8/26/13 20:12      | CJM     |

| Surrogates           | % Recovery | % REC Limits |               |
|----------------------|------------|--------------|---------------|
| Tetrachloro-m-xylene | 88.3       | 50-125       | 8/26/13 20:12 |

**ANALYTICAL RESULTS**

Project Location: Osborne Hill School, Fairfield, C  
 Date Received: 8/22/2013  
**Field Sample #: A0821-09**  
**Sample ID: 13H0899-09**  
 Sample Matrix: Air  
 Sampled: 8/21/2013 16:31

Sample Description/Location: Room 109  
 Sub Description/Location:  
 Flow Controller ID:  
 Sample Type:  
 Air Volume L: 1805

**Work Order: 13H0899**

**TO-10A/EPA 680 Modified**

| Analyte                         | Total µg |        | Flag | ug/m3   |         | Dilution | Date/Time |       | Analyst |
|---------------------------------|----------|--------|------|---------|---------|----------|-----------|-------|---------|
|                                 | Results  | RL     |      | Results | RL      |          | Analyzed  |       |         |
| Monochlorobiphenyls             | ND       | 0.0010 |      | ND      | 0.00055 | 1        | 8/26/13   | 20:42 | CJM     |
| Dichlorobiphenyls               | ND       | 0.0010 |      | ND      | 0.00055 | 1        | 8/26/13   | 20:42 | CJM     |
| Trichlorobiphenyls              | 0.0030   | 0.0010 |      | 0.0017  | 0.00055 | 1        | 8/26/13   | 20:42 | CJM     |
| Tetrachlorobiphenyls            | 0.049    | 0.0020 |      | 0.027   | 0.0011  | 1        | 8/26/13   | 20:42 | CJM     |
| Pentachlorobiphenyls            | 0.087    | 0.0020 |      | 0.048   | 0.0011  | 1        | 8/26/13   | 20:42 | CJM     |
| Hexachlorobiphenyls             | 0.017    | 0.0020 |      | 0.0095  | 0.0011  | 1        | 8/26/13   | 20:42 | CJM     |
| Heptachlorobiphenyls            | ND       | 0.0030 |      | ND      | 0.0017  | 1        | 8/26/13   | 20:42 | CJM     |
| Octachlorobiphenyls             | ND       | 0.0030 |      | ND      | 0.0017  | 1        | 8/26/13   | 20:42 | CJM     |
| Nonachlorobiphenyls             | ND       | 0.0050 |      | ND      | 0.0028  | 1        | 8/26/13   | 20:42 | CJM     |
| Decachlorobiphenyl              | ND       | 0.0050 |      | ND      | 0.0028  | 1        | 8/26/13   | 20:42 | CJM     |
| Total Polychlorinated biphenyls | 0.16     |        |      | 0.087   |         | 1        | 8/26/13   | 20:42 | CJM     |

| Surrogates           | % Recovery | % REC Limits |               |
|----------------------|------------|--------------|---------------|
| Tetrachloro-m-xylene | 84.6       | 50-125       | 8/26/13 20:42 |

**ANALYTICAL RESULTS**

Project Location: Osborne Hill School, Fairfield, C  
 Date Received: 8/22/2013  
**Field Sample #: A0821-10**  
**Sample ID: 13H0899-10**  
 Sample Matrix: Air  
 Sampled: 8/21/2013 16:31

Sample Description/Location: Corridor O/S Rm.102  
 Sub Description/Location:  
  
 Flow Controller ID:  
 Sample Type:  
 Air Volume L: 1805

**Work Order: 13H0899**

**TO-10A/EPA 680 Modified**

| Analyte                         | Total µg |        | Flag | ug/m3   |         | Dilution | Date/Time |       | Analyst |
|---------------------------------|----------|--------|------|---------|---------|----------|-----------|-------|---------|
|                                 | Results  | RL     |      | Results | RL      |          | Analized  |       |         |
| Monochlorobiphenyls             | ND       | 0.0010 |      | ND      | 0.00055 | 1        | 8/26/13   | 21:12 | CJM     |
| Dichlorobiphenyls               | ND       | 0.0010 |      | ND      | 0.00055 | 1        | 8/26/13   | 21:12 | CJM     |
| Trichlorobiphenyls              | 0.0036   | 0.0010 |      | 0.002   | 0.00055 | 1        | 8/26/13   | 21:12 | CJM     |
| Tetrachlorobiphenyls            | 0.047    | 0.0020 |      | 0.026   | 0.0011  | 1        | 8/26/13   | 21:12 | CJM     |
| Pentachlorobiphenyls            | 0.10     | 0.0020 |      | 0.057   | 0.0011  | 1        | 8/26/13   | 21:12 | CJM     |
| Hexachlorobiphenyls             | ND       | 0.0020 |      | ND      | 0.0011  | 1        | 8/26/13   | 21:12 | CJM     |
| Heptachlorobiphenyls            | ND       | 0.0030 |      | ND      | 0.0017  | 1        | 8/26/13   | 21:12 | CJM     |
| Octachlorobiphenyls             | ND       | 0.0030 |      | ND      | 0.0017  | 1        | 8/26/13   | 21:12 | CJM     |
| Nonachlorobiphenyls             | ND       | 0.0050 |      | ND      | 0.0028  | 1        | 8/26/13   | 21:12 | CJM     |
| Decachlorobiphenyl              | ND       | 0.0050 |      | ND      | 0.0028  | 1        | 8/26/13   | 21:12 | CJM     |
| Total Polychlorinated biphenyls | 0.15     |        |      | 0.086   |         | 1        | 8/26/13   | 21:12 | CJM     |

| Surrogates           | % Recovery | % REC Limits |               |
|----------------------|------------|--------------|---------------|
| Tetrachloro-m-xylene | 62.4       | 50-125       | 8/26/13 21:12 |

**ANALYTICAL RESULTS**

Project Location: Osborne Hill School, Fairfield, C  
 Date Received: 8/22/2013  
**Field Sample #: A0821-11**  
**Sample ID: 13H0899-11**  
 Sample Matrix: Air  
 Sampled: 8/21/2013 16:30

Sample Description/Location: Main Lobby  
 Sub Description/Location:  
  
 Flow Controller ID:  
 Sample Type:  
 Air Volume L: 1805

**Work Order: 13H0899**

**TO-10A/EPA 680 Modified**

| Analyte                         | Total µg |        | Flag | ug/m3   |         | Dilution | Date/Time |      | Analyst |
|---------------------------------|----------|--------|------|---------|---------|----------|-----------|------|---------|
|                                 | Results  | RL     |      | Results | RL      |          | Analized  |      |         |
| Monochlorobiphenyls             | ND       | 0.0010 |      | ND      | 0.00055 | 1        | 8/27/13   | 2:38 | CJM     |
| Dichlorobiphenyls               | ND       | 0.0010 |      | ND      | 0.00055 | 1        | 8/27/13   | 2:38 | CJM     |
| Trichlorobiphenyls              | 0.0041   | 0.0010 |      | 0.0023  | 0.00055 | 1        | 8/27/13   | 2:38 | CJM     |
| Tetrachlorobiphenyls            | 0.062    | 0.0020 |      | 0.035   | 0.0011  | 1        | 8/27/13   | 2:38 | CJM     |
| Pentachlorobiphenyls            | 0.13     | 0.0020 |      | 0.070   | 0.0011  | 1        | 8/27/13   | 2:38 | CJM     |
| Hexachlorobiphenyls             | 0.024    | 0.0020 |      | 0.013   | 0.0011  | 1        | 8/27/13   | 2:38 | CJM     |
| Heptachlorobiphenyls            | ND       | 0.0030 |      | ND      | 0.0017  | 1        | 8/27/13   | 2:38 | CJM     |
| Octachlorobiphenyls             | ND       | 0.0030 |      | ND      | 0.0017  | 1        | 8/27/13   | 2:38 | CJM     |
| Nonachlorobiphenyls             | ND       | 0.0050 |      | ND      | 0.0028  | 1        | 8/27/13   | 2:38 | CJM     |
| Decachlorobiphenyl              | ND       | 0.0050 |      | ND      | 0.0028  | 1        | 8/27/13   | 2:38 | CJM     |
| Total Polychlorinated biphenyls | 0.22     |        |      | 0.12    |         | 1        | 8/27/13   | 2:38 | CJM     |

| Surrogates           | % Recovery | % REC Limits |              |
|----------------------|------------|--------------|--------------|
| Tetrachloro-m-xylene | 67.5       | 50-125       | 8/27/13 2:38 |

### Sample Extraction Data

Prep Method: SW-846 3540C-TO-10A/EPA 680 Modified

| Lab Number [Field ID]    | Batch   | Initial [Cartridge] | Final [mL] | Date     |
|--------------------------|---------|---------------------|------------|----------|
| 13H0899-01RE1 [A0821-01] | B079484 | 1.00                | 1.00       | 08/23/13 |
| 13H0899-02RE1 [A0821-02] | B079484 | 1.00                | 1.00       | 08/23/13 |
| 13H0899-03RE1 [A0821-03] | B079484 | 1.00                | 1.00       | 08/23/13 |
| 13H0899-04RE1 [A0821-04] | B079484 | 1.00                | 1.00       | 08/23/13 |
| 13H0899-05RE1 [A0821-05] | B079484 | 1.00                | 1.00       | 08/23/13 |
| 13H0899-06RE1 [A0821-06] | B079484 | 1.00                | 1.00       | 08/23/13 |
| 13H0899-07RE1 [A0821-07] | B079484 | 1.00                | 1.00       | 08/23/13 |
| 13H0899-08RE1 [A0821-08] | B079484 | 1.00                | 1.00       | 08/23/13 |
| 13H0899-09RE1 [A0821-09] | B079484 | 1.00                | 1.00       | 08/23/13 |
| 13H0899-10RE1 [A0821-10] | B079484 | 1.00                | 1.00       | 08/23/13 |
| 13H0899-11RE1 [A0821-11] | B079484 | 1.00                | 1.00       | 08/23/13 |

**QUALITY CONTROL**

**PCB Homologues by GC/MS with Soxhlet Extraction - Quality Control**

| Analyte | Total µg |    | ug/m3   |    | Spike Level | Source | %REC | %REC   | RPD | RPD   | Flag |
|---------|----------|----|---------|----|-------------|--------|------|--------|-----|-------|------|
|         | Results  | RL | Results | RL | Total µg    | Result | %REC | Limits | RPD | Limit |      |

**Batch B079484 - SW-846 3540C**

**Blank (B079484-BLK1)**

Prepared: 08/23/13 Analyzed: 08/30/13

|  |              |        |  |  |              |  |             |               |  |  |  |
|--|--------------|--------|--|--|--------------|--|-------------|---------------|--|--|--|
| Monochlorobiphenyls                    | ND           | 0.0010 |  |  |              |  |             |               |  |  |  |
| Dichlorobiphenyls                      | ND           | 0.0010 |  |  |              |  |             |               |  |  |  |
| Trichlorobiphenyls                     | ND           | 0.0010 |  |  |              |  |             |               |  |  |  |
| Tetrachlorobiphenyls                   | ND           | 0.0020 |  |  |              |  |             |               |  |  |  |
| Pentachlorobiphenyls                   | ND           | 0.0020 |  |  |              |  |             |               |  |  |  |
| Hexachlorobiphenyls                    | ND           | 0.0020 |  |  |              |  |             |               |  |  |  |
| Heptachlorobiphenyls                   | ND           | 0.0030 |  |  |              |  |             |               |  |  |  |
| Octachlorobiphenyls                    | ND           | 0.0030 |  |  |              |  |             |               |  |  |  |
| Nonachlorobiphenyls                    | ND           | 0.0050 |  |  |              |  |             |               |  |  |  |
| Decachlorobiphenyl                     | ND           | 0.0050 |  |  |              |  |             |               |  |  |  |
| Total Polychlorinated biphenyls        | 0.0          |        |  |  |              |  |             |               |  |  |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | <i>0.164</i> |        |  |  | <i>0.200</i> |  | <i>82.2</i> | <i>50-125</i> |  |  |  |

**LCS (B079484-BS1)**

Prepared: 08/23/13 Analyzed: 08/30/13

|  |              |        |  |  |              |  |             |               |  |  |  |
|--|--------------|--------|--|--|--------------|--|-------------|---------------|--|--|--|
| Monochlorobiphenyls                    | 0.17         | 0.0010 |  |  | 0.200        |  | 85.6        | 40-140        |  |  |  |
| Dichlorobiphenyls                      | 0.18         | 0.0010 |  |  | 0.200        |  | 89.9        | 40-140        |  |  |  |
| Trichlorobiphenyls                     | 0.18         | 0.0010 |  |  | 0.200        |  | 87.8        | 40-140        |  |  |  |
| Tetrachlorobiphenyls                   | 0.37         | 0.0020 |  |  | 0.400        |  | 92.5        | 40-140        |  |  |  |
| Pentachlorobiphenyls                   | 0.36         | 0.0020 |  |  | 0.400        |  | 91.0        | 40-140        |  |  |  |
| Hexachlorobiphenyls                    | 0.35         | 0.0020 |  |  | 0.400        |  | 88.1        | 40-140        |  |  |  |
| Heptachlorobiphenyls                   | 0.52         | 0.0030 |  |  | 0.600        |  | 87.3        | 40-140        |  |  |  |
| Octachlorobiphenyls                    | 0.52         | 0.0030 |  |  | 0.600        |  | 87.3        | 40-140        |  |  |  |
| Nonachlorobiphenyls                    | 0.88         | 0.0050 |  |  | 1.00         |  | 88.3        | 40-140        |  |  |  |
| Decachlorobiphenyl                     | 0.82         | 0.0050 |  |  | 1.00         |  | 82.1        | 40-140        |  |  |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | <i>0.184</i> |        |  |  | <i>0.200</i> |  | <i>91.8</i> | <i>50-125</i> |  |  |  |

**LCS Dup (B079484-BSD1)**

Prepared: 08/23/13 Analyzed: 08/30/13

|  |              |        |  |  |              |  |             |               |      |    |  |
|--|--------------|--------|--|--|--------------|--|-------------|---------------|------|----|--|
| Monochlorobiphenyls                    | 0.16         | 0.0010 |  |  | 0.200        |  | 77.5        | 40-140        | 9.83 | 50 |  |
| Dichlorobiphenyls                      | 0.16         | 0.0010 |  |  | 0.200        |  | 82.0        | 40-140        | 9.22 | 50 |  |
| Trichlorobiphenyls                     | 0.16         | 0.0010 |  |  | 0.200        |  | 79.1        | 40-140        | 10.4 | 50 |  |
| Tetrachlorobiphenyls                   | 0.34         | 0.0020 |  |  | 0.400        |  | 84.1        | 40-140        | 9.58 | 50 |  |
| Pentachlorobiphenyls                   | 0.33         | 0.0020 |  |  | 0.400        |  | 82.2        | 40-140        | 10.1 | 50 |  |
| Hexachlorobiphenyls                    | 0.32         | 0.0020 |  |  | 0.400        |  | 80.0        | 40-140        | 9.65 | 50 |  |
| Heptachlorobiphenyls                   | 0.48         | 0.0030 |  |  | 0.600        |  | 79.6        | 40-140        | 9.19 | 50 |  |
| Octachlorobiphenyls                    | 0.47         | 0.0030 |  |  | 0.600        |  | 78.7        | 40-140        | 10.4 | 50 |  |
| Nonachlorobiphenyls                    | 0.81         | 0.0050 |  |  | 1.00         |  | 80.9        | 40-140        | 8.71 | 50 |  |
| Decachlorobiphenyl                     | 0.76         | 0.0050 |  |  | 1.00         |  | 76.4        | 40-140        | 7.31 | 50 |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | <i>0.165</i> |        |  |  | <i>0.200</i> |  | <i>82.3</i> | <i>50-125</i> |      |    |  |



**FLAG/QUALIFIER SUMMARY**

- \* QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

CERTIFICATIONS

Certified Analyses included in this Report

| Analyte | Certifications |
|---------|----------------|
|---------|----------------|

*TO-10A/EPA 680 Modified in Air*

|                                 |      |
|---------------------------------|------|
| Total Polychlorinated biphenyls | AIHA |
|---------------------------------|------|

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

| Code | Description                                  | Number        | Expires    |
|------|--|---------------|------------|
| AIHA | AIHA-LAP, LLC                                | 100033        | 02/1/2014  |
| MA   | Massachusetts DEP                            | M-MA100       | 06/30/2014 |
| CT   | Connecticut Department of Public Health      | PH-0567       | 09/30/2013 |
| NY   | New York State Department of Health          | 10899 NELAP   | 04/1/2014  |
| NH-S | New Hampshire Environmental Lab              | 2516 NELAP    | 02/5/2014  |
| RI   | Rhode Island Department of Health            | LAO00112      | 12/30/2013 |
| NC   | North Carolina Div. of Water Quality         | 652           | 12/31/2013 |
| NJ   | New Jersey DEP                               | MA007 NELAP   | 06/30/2014 |
| FL   | Florida Department of Health                 | E871027 NELAP | 06/30/2014 |
| VT   | Vermont Department of Health Lead Laboratory | LL015036      | 07/30/2014 |
| WA   | State of Washington Department of Ecology    | C2065         | 02/23/2014 |
| ME   | State of Maine                               | 2011028       | 06/9/2015  |
| VA   | Commonwealth of Virginia                     | 460217        | 12/14/2013 |
| NH-P | New Hampshire Environmental Lab              | 2557 NELAP    | 09/6/2012  |



Phone: 413-525-2332  
 Fax: 413-525-6405  
 Email: info@contestlabs.com

**AIR SAMPLE CHAIN OF CUSTODY RECORD**

39 SPRUCE ST  
 EAST LONGMEADOW, MA 01028

Page \_\_\_ of \_\_\_

Company Name:

AMC Environmental

www.contestlabs.com

Address:

P.O. Box 423  
 Shafford

Attention:

Project Location: Osborne Hill School, Fairfield, CT

Sampled By: J. Stanbur

Proposal Provided? (For Billing purposes)

yes  no proposal date

Telephone: ( )  
 Project #  
 Client PO #

1340899

DATA DELIVERY (check one):

FAX  EMAIL  WEBSITE CLIENT

Fax #:  
 Email:  
 Format:  EXCEL  PDF  GIS KEY  OTHER

ONLY USE WHEN USING PUMPS

| Field ID | Sample Description         | Media | Lab # | Date Time      | Date Time      | Total | Flow Rate | Volume | Matrix | Code* | ANALYSIS REQUESTED |                |  |
|----------|----------------------------|-------|-------|----------------|----------------|-------|-----------|--------|--------|-------|--------------------|----------------|--|
|          |                            |       |       |                |                |       |           |        |        |       | Start              | Stop           | Minutes Sampled  |
| A032-01  | Caused/O15 Rm. 120         | RAI   |       | 08-21-13 10:27 | 08-21-13 10:27 | 36    | 5         | 1800   |        |       |                    | 10-10A EPA 680 | Please fill out completely, sign, date and retain the yellow copy for your records               |
| -02      | Girls Toilet Room          |       |       | 08-21-13 10:27 | 08-21-13 10:27 | 36    | 5         | 1805   |        |       |                    |                | Summa canisters returned within 14 days of receipt or rental will apply.                         |
| -03      | Caused/O15 Storage Rm.     |       |       | 08-21-13 10:28 | 08-21-13 10:28 | 36    | 4.5       | 1620   |        |       |                    |                | Summa canisters will be retained for a minimum of 14 days after sampling date prior to cleaning. |
| -04      | Library                    |       |       | 08-21-13 10:28 | 08-21-13 10:29 | 36    | 6         | 2166   |        |       |                    |                |  |
| -05      | Reading Room               |       |       | 08-21-13 10:29 | 08-21-13 10:29 | 36    | 5         | 1805   |        |       |                    |                |  |
| -06      | Computer Room              |       |       | 08-21-13 10:29 | 08-21-13 10:29 | 36    | 5         | 1820   |        |       |                    |                |  |
| -07      | Boys Toilet Room           |       |       | 08-21-13 10:29 | 08-21-13 10:30 | 36    | 5.5       | 1985.5 |        |       |                    |                |  |
| -08      | Caused/O15 Nurse/Principal |       |       | 08-21-13 10:30 | 08-21-13 10:30 | 36    | 5         | 1800   |        |       |                    |                |  |

Laboratory Comments:

CLIENT COMMENTS:

Turnaround \*\*

7-Day  
 10-Day  
 Other

RUSH \*  
 \*24-Hr  \*48-Hr  
 \*72-Hr  \*4-Day

Approval Required

Special Requirements

Regulations: \_\_\_\_\_

Data Enhancement/RCP?  Y  N  
 Enhanced Data Package  Y  N  
 (Surcharge Applies)

Required Detection Limits: <500 µg/m<sup>3</sup>  
 Other: total mass

Matrix Code:

SG= SOIL GAS  
 IA= INDOOR AIR  
 AMB= AMBIENT  
 SS= SUB SLAB  
 D= DUP  
 BL= BLANK  
 O= other

Media Codes:

S= summa can  
 TB= tediular bag  
 P= PUF  
 T= tube  
 F= filter  
 C= cassette  
 O= Other

\*\* TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAP & WBE/DBE Certified



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**AIR SAMPLE CHAIN OF CUSTODY RECORD**  
13H0899

39 SPRUCE ST  
EAST LONGMEADOW, MA 01028

Page \_\_\_ of \_\_\_

Company Name: AMC Environmental  
Address: P.O. Box 423  
Stafford

Telephone: ( ) \_\_\_\_\_  
Project # \_\_\_\_\_  
Client PO # \_\_\_\_\_

Attention: \_\_\_\_\_

Project Location: Osborne Hill School, Rivfield, CT

Sampled By: J. Stanben

Proposal Provided? (For Billing purposes)

yes \_\_\_\_\_ proposal date \_\_\_\_\_

**DATA DELIVERY (check one):**  
 FAX  EMAIL  WEBSITE CLIENT

Fax #: \_\_\_\_\_  
Email: \_\_\_\_\_  
Format:  EXCEL  PDF  GIS KEY  OTHER \_\_\_\_\_

**ONLY USE WHEN USING PUMPS**

| Date Sampled  | Start         | Stop          | Total Minutes Sampled | Flow Rate (L/Min. or M <sup>3</sup> /Min.) | Volume (Liters or M <sup>3</sup> ) | Matrix Code* |
|---------------|---------------|---------------|-----------------------|--|------------------------------------|--------------|
| 08-21-13 1030 | 08-21-13 1030 | 08-21-13 1031 | 30                    | 5  | 1805                               | B05          |
| 08-21-13 1030 | 08-21-13 1030 | 08-21-13 1031 | 30                    | 5  | 1805                               | B05          |
| 08-21-13 1029 | 08-21-13 1029 | 08-21-13 1030 | 30                    | 5  | 1805                               | B05          |

**ANALYSIS REQUESTED**

**Hg**

Please fill out completely, sign, date and retain the yellow copy for your record.

Summa canisters at flow controllers must be returned within 14 days of receipt or rental fee will apply.

Summa canisters will be retained for a minimum of 14 days after sampling date prior to cleaning.

Summa Canister ID: 021513-9

Flow Control ID: 1

| Field ID | Sample Description   | Media | Lab # | Date Time     | Date Time     | Total Minutes Sampled | Flow Rate (L/Min. or M <sup>3</sup> /Min.) | Volume (Liters or M <sup>3</sup> ) | Matrix Code* |
|----------|----------------------|-------|-------|---------------|---------------|-----------------------|--|------------------------------------|--------------|
| AB21-09  | Room 109             | RUF   | 09    | 08-21-13 1030 | 08-21-13 1031 | 30                    | 5  | 1805                               | B05          |
| -10      | Corridor O/S Rm. 102 |       | 10    | 08-21-13 1030 | 08-21-13 1031 | 30                    | 5  | 1805                               | B05          |
| -11      | Main Lobby           |       | 11    | 08-21-13 1029 | 08-21-13 1030 | 30                    | 5  | 1805                               | B05          |

Laboratory Comments:

CLIENT COMMENTS:

**Turnaround \*\***

7-Day  
 10-Day  
 Other \_\_\_\_\_

**RUSH \***

\*24-Hr  \*48-Hr  
 \*72-Hr  \*4-Day

\*Approval Required

**Special Requirements**

Regulations: \_\_\_\_\_  
Data Enhancement/RCP?  Y  N  
Enhanced Data Package  Y  N  
(Surcharge Applies)

Required Detection Limits: 500ug/m<sup>3</sup>  
Other: 100ug/m<sup>3</sup>

**Matrix Code:**

SG= SOIL GAS  
IA= INDOOR AIR  
AMB= AMBIENT  
SS= SUB SLAB  
D= DUP  
BL= BLANK  
O= other \_\_\_\_\_

**Media Codes:**

S= summa can  
TB= tedlar bag  
P= PUF  
T= tube  
F= filter  
C= cassette  
O= Other \_\_\_\_\_

\*\* TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAP & WBE/DBE Certified

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 East Longmeadow, MA. 01028  
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### Sample Receipt Checklist

CLIENT NAME: AMC RECEIVED BY: RLF DATE: 8/22/13

- 1) Was the chain(s) of custody relinquished and signed? **Yes** No No CoC Included  
 2) Does the chain agree with the samples? **Yes** No  
 If not, explain:  
 3) Are all the samples in good condition? **Yes** No  
 If not, explain:

4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)? **Yes** No N/A

Temperature °C by Temp blank \_\_\_\_\_ Temperature °C by Temp gun 5.1°C

5) Are there Dissolved samples for the lab to filter? Yes **No**

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes **No**

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

7) Location where samples are stored:

19

Permission to subcontract samples? Yes No  
 (Walk-in clients only) if not already approved  
 Client Signature: \_\_\_\_\_

8) Do all samples have the proper Acid pH: Yes No **N/A**

9) Do all samples have the proper Base pH: Yes No **N/A**

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No **N/A**

### Containers received at Con-Test

|                                | # of containers |                       | # of containers |
|--------------------------------|-----------------|-----------------------|-----------------|
| 1 Liter Amber                  |                 | 8 oz amber/clear jar  |                 |
| 500 mL Amber                   |                 | 4 oz amber/clear jar  |                 |
| 250 mL Amber (8oz amber)       |                 | 2 oz amber/clear jar  |                 |
| 1 Liter Plastic                |                 | Air Cassette          |                 |
| 500 mL Plastic                 |                 | Hg/Hopcalite Tube     |                 |
| 250 mL plastic                 |                 | Plastic Bag / Ziploc  |                 |
| 40 mL Vial - type listed below |                 | PM 2.5 / PM 10        |                 |
| Colisure / bacteria bottle     |                 | PUF Cartridge         | <u>11</u>       |
| Dissolved Oxygen bottle        |                 | SOC Kit               |                 |
| Encore                         |                 | TO-17 Tubes           |                 |
| Flashpoint bottle              |                 | Non-ConTest Container |                 |
| Perchlorate Kit                |                 | Other glass jar       |                 |
| Other                          |                 | Other                 |                 |

Laboratory Comments:

40 mL vials: # HCl \_\_\_\_\_ # Methanol \_\_\_\_\_  
 # Bisulfate \_\_\_\_\_ # DI Water \_\_\_\_\_  
 # Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_

Time and Date Frozen:

Doc# 277

Rev. 3 May 2012

## **LABORATORY RESULTS**

### **PCB Wipe Sample Results**

August 29, 2013

Jason Pringle  
AMC Environmental, LLC  
PO Box 423  
Stratford, CT 06615

Project Location: Osborn  
Client Job Number:  
Project Number: [none]  
Laboratory Work Order Number: 13H0891

Enclosed are results of analyses for samples received by the laboratory on August 22, 2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa A. Worthington  
Project Manager

AMC Environmental, LLC  
 PO Box 423  
 Stratford, CT 06615  
 ATTN: Jason Pringle

REPORT DATE: 8/29/2013

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 13H0891

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Osborn

| FIELD SAMPLE # | LAB ID:    | MATRIX | SAMPLE DESCRIPTION             | TEST         | SUB LAB |
|----------------|------------|--------|--------------------------------|--------------|---------|
| W0821-01       | 13H0891-01 | Wipe   | Corridor Wall o/s 120          | SW-846 8082A |         |
| W0821-02       | 13H0891-02 | Wipe   | Corridor Floor o/s 120         | SW-846 8082A |         |
| W0821-03       | 13H0891-03 | Wipe   | Girl's Lav. Wall               | SW-846 8082A |         |
| W0821-04       | 13H0891-04 | Wipe   | Girl's Lav. Floor              | SW-846 8082A |         |
| W0821-05       | 13H0891-05 | Wipe   | Custodian Rm. Wall             | SW-846 8082A |         |
| W0821-06       | 13H0891-06 | Wipe   | Hall o/s Custodian Rm. Floor   | SW-846 8082A |         |
| W0821-07       | 13H0891-07 | Wipe   | Library Wall                   | SW-846 8082A |         |
| W0821-08       | 13H0891-08 | Wipe   | Hall o/s Library Floor         | SW-846 8082A |         |
| W0821-09       | 13H0891-09 | Wipe   | Reading Room Wall              | SW-846 8082A |         |
| W0821-10       | 13H0891-10 | Wipe   | Hall o/s Reading Rm. Floor     | SW-846 8082A |         |
| W0821-11       | 13H0891-11 | Wipe   | Computer Rm. Wall              | SW-846 8082A |         |
| W0821-12       | 13H0891-12 | Wipe   | Hall o/s Computer Rm. Floor    | SW-846 8082A |         |
| W0821-13       | 13H0891-13 | Wipe   | Boy's Lav. Wall                | SW-846 8082A |         |
| W0821-14       | 13H0891-14 | Wipe   | Boy's Lav. Floor               | SW-846 8082A |         |
| W0821-15       | 13H0891-15 | Wipe   | Main Lobby Wall                | SW-846 8082A |         |
| W0821-16       | 13H0891-16 | Wipe   | Main Lobby Floor               | SW-846 8082A |         |
| W0821-17       | 13H0891-17 | Wipe   | Hall o/s Nurse/Principal Wall  | SW-846 8082A |         |
| W0821-18       | 13H0891-18 | Wipe   | Hall o/s Nurse/Principal Floor | SW-846 8082A |         |
| W0821-19       | 13H0891-19 | Wipe   | Rm. 109 Wall                   | SW-846 8082A |         |
| W0821-20       | 13H0891-20 | Wipe   | Rm. 109 Floor                  | SW-846 8082A |         |
| W0821-21       | 13H0891-21 | Wipe   | Rm. 102 Wall                   | SW-846 8082A |         |
| W0821-22       | 13H0891-22 | Wipe   | Rm. 102 Floor                  | SW-846 8082A |         |
| W0821-23       | 13H0891-23 | Wipe   | Blank                          | SW-846 8082A |         |
| W0821-24       | 13H0891-24 | Wipe   | Blank                          | SW-846 8082A |         |



CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

---

Sample fingerprint does not match standard exactly. Sample was quantitated against the closest matching standard.

Analyte & Samples(s) Qualified:

Aroclor-1254, Aroclor-1254 [2C]

13H0891-08[W0821-08], 13H0891-10[W0821-10]

---

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian  
Laboratory Manager

Project Location: Osborn

Sample Description: Corridor Wall o/s 120

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-01

Sample ID: 13H0891-01

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:01       | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:01       | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:01       | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:01       | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:01       | MJC     |
| Aroclor-1254 [2]         | 0.21    | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:01       | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:01       | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:01       | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:01       | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 116        | 30-150          |          |      |              |               | 8/27/13 4:01       |         |
| Decachlorobiphenyl [2]   |         | 115        | 30-150          |          |      |              |               | 8/27/13 4:01       |         |
| Tetrachloro-m-xylene [1] |         | 111        | 30-150          |          |      |              |               | 8/27/13 4:01       |         |
| Tetrachloro-m-xylene [2] |         | 109        | 30-150          |          |      |              |               | 8/27/13 4:01       |         |

Project Location: Osborn

Sample Description: Corridor Floor o/s 120

Work Order: 13H0891

Date Received: 8/22/2013

Field Sample #: W0821-02

Sampled: 8/21/2013 00:00

Sample ID: 13H0891-02

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:13       | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:13       | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:13       | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:13       | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:13       | MJC     |
| Aroclor-1254 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:13       | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:13       | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:13       | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:13       | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 116        | 30-150          |          |      |              |               | 8/27/13 4:13       |         |
| Decachlorobiphenyl [2]   |         | 114        | 30-150          |          |      |              |               | 8/27/13 4:13       |         |
| Tetrachloro-m-xylene [1] |         | 110        | 30-150          |          |      |              |               | 8/27/13 4:13       |         |
| Tetrachloro-m-xylene [2] |         | 109        | 30-150          |          |      |              |               | 8/27/13 4:13       |         |

Project Location: Osborn

Sample Description: Girl's Lav. Wall

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-03

Sample ID: 13H0891-03

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:26       | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:26       | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:26       | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:26       | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:26       | MJC     |
| Aroclor-1254 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:26       | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:26       | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:26       | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:26       | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 109        | 30-150          |          |      |              |               | 8/27/13 4:26       |         |
| Decachlorobiphenyl [2]   |         | 107        | 30-150          |          |      |              |               | 8/27/13 4:26       |         |
| Tetrachloro-m-xylene [1] |         | 102        | 30-150          |          |      |              |               | 8/27/13 4:26       |         |
| Tetrachloro-m-xylene [2] |         | 101        | 30-150          |          |      |              |               | 8/27/13 4:26       |         |

Project Location: Osborn

Sample Description: Girl's Lav. Floor

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-04

Sample ID: 13H0891-04

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:38       | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:38       | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:38       | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:38       | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:38       | MJC     |
| Aroclor-1254 [2]         | 0.26    | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:38       | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:38       | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:38       | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:38       | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 111        | 30-150          |          |      |              |               | 8/27/13 4:38       |         |
| Decachlorobiphenyl [2]   |         | 109        | 30-150          |          |      |              |               | 8/27/13 4:38       |         |
| Tetrachloro-m-xylene [1] |         | 106        | 30-150          |          |      |              |               | 8/27/13 4:38       |         |
| Tetrachloro-m-xylene [2] |         | 105        | 30-150          |          |      |              |               | 8/27/13 4:38       |         |

Project Location: Osborn

Sample Description: Custodian Rm. Wall

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-05

Sample ID: 13H0891-05

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:50       | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:50       | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:50       | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:50       | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:50       | MJC     |
| Aroclor-1254 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:50       | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:50       | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:50       | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 4:50       | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 113        | 30-150          |          |      |              |               | 8/27/13 4:50       |         |
| Decachlorobiphenyl [2]   |         | 111        | 30-150          |          |      |              |               | 8/27/13 4:50       |         |
| Tetrachloro-m-xylene [1] |         | 108        | 30-150          |          |      |              |               | 8/27/13 4:50       |         |
| Tetrachloro-m-xylene [2] |         | 107        | 30-150          |          |      |              |               | 8/27/13 4:50       |         |

Project Location: Osborn

Sample Description: Hall o/s Custodian Rm. Floor

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-06

Sample ID: 13H0891-06

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 5:03       | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 5:03       | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 5:03       | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 5:03       | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 5:03       | MJC     |
| Aroclor-1254 [2]         | 0.26    | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 5:03       | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 5:03       | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 5:03       | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 5:03       | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 112        | 30-150          |          |      |              |               | 8/27/13 5:03       |         |
| Decachlorobiphenyl [2]   |         | 111        | 30-150          |          |      |              |               | 8/27/13 5:03       |         |
| Tetrachloro-m-xylene [1] |         | 108        | 30-150          |          |      |              |               | 8/27/13 5:03       |         |
| Tetrachloro-m-xylene [2] |         | 107        | 30-150          |          |      |              |               | 8/27/13 5:03       |         |

Project Location: Osborn

Sample Description: Library Wall

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-07

Sample ID: 13H0891-07

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:02      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:02      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:02      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:02      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:02      | MJC     |
| Aroclor-1254 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:02      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:02      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:02      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:02      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 124        | 30-150          |          |      |              |               | 8/27/13 18:02      |         |
| Decachlorobiphenyl [2]   |         | 118        | 30-150          |          |      |              |               | 8/27/13 18:02      |         |
| Tetrachloro-m-xylene [1] |         | 105        | 30-150          |          |      |              |               | 8/27/13 18:02      |         |
| Tetrachloro-m-xylene [2] |         | 107        | 30-150          |          |      |              |               | 8/27/13 18:02      |         |



Project Location: Osborn

Sample Description: Hall o/s Library Floor

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-08

Sample ID: 13H0891-08

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:14      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:14      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:14      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:14      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:14      | MJC     |
| Aroclor-1254 [2]         | 0.27    | 0.20       | µg/Wipe         | 1        | O-04 | SW-846 8082A | 8/23/13       | 8/27/13 18:14      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:14      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:14      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:14      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 113        | 30-150          |          |      |              |               | 8/27/13 18:14      |         |
| Decachlorobiphenyl [2]   |         | 110        | 30-150          |          |      |              |               | 8/27/13 18:14      |         |
| Tetrachloro-m-xylene [1] |         | 102        | 30-150          |          |      |              |               | 8/27/13 18:14      |         |
| Tetrachloro-m-xylene [2] |         | 104        | 30-150          |          |      |              |               | 8/27/13 18:14      |         |

Project Location: Osborn

Sample Description: Reading Room Wall

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-09

Sample ID: 13H0891-09

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:27      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:27      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:27      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:27      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:27      | MJC     |
| Aroclor-1254 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:27      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:27      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:27      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:27      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 120        | 30-150          |          |      |              |               | 8/27/13 18:27      |         |
| Decachlorobiphenyl [2]   |         | 116        | 30-150          |          |      |              |               | 8/27/13 18:27      |         |
| Tetrachloro-m-xylene [1] |         | 106        | 30-150          |          |      |              |               | 8/27/13 18:27      |         |
| Tetrachloro-m-xylene [2] |         | 108        | 30-150          |          |      |              |               | 8/27/13 18:27      |         |

Project Location: Osborn

Sample Description: Hall o/s Reading Rm. Floor

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-10

Sample ID: 13H0891-10

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:39      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:39      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:39      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:39      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:39      | MJC     |
| Aroclor-1254 [2]         | 0.28    | 0.20       | µg/Wipe         | 1        | O-04 | SW-846 8082A | 8/23/13       | 8/27/13 18:39      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:39      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:39      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:39      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 119        | 30-150          |          |      |              |               | 8/27/13 18:39      |         |
| Decachlorobiphenyl [2]   |         | 117        | 30-150          |          |      |              |               | 8/27/13 18:39      |         |
| Tetrachloro-m-xylene [1] |         | 108        | 30-150          |          |      |              |               | 8/27/13 18:39      |         |
| Tetrachloro-m-xylene [2] |         | 110        | 30-150          |          |      |              |               | 8/27/13 18:39      |         |

Project Location: Osborn

Sample Description: Computer Rm. Wall

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-11

Sample ID: 13H0891-11

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:51      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:51      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:51      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:51      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:51      | MJC     |
| Aroclor-1254 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:51      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:51      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:51      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 18:51      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 120        | 30-150          |          |      |              |               | 8/27/13 18:51      |         |
| Decachlorobiphenyl [2]   |         | 115        | 30-150          |          |      |              |               | 8/27/13 18:51      |         |
| Tetrachloro-m-xylene [1] |         | 107        | 30-150          |          |      |              |               | 8/27/13 18:51      |         |
| Tetrachloro-m-xylene [2] |         | 110        | 30-150          |          |      |              |               | 8/27/13 18:51      |         |

Project Location: Osborn

Sample Description: Hall o/s Computer Rm. Floor

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-12

Sample ID: 13H0891-12

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:04      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:04      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:04      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:04      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:04      | MJC     |
| Aroclor-1254 [2]         | 0.22    | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:04      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:04      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:04      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:04      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 115        | 30-150          |          |      |              |               | 8/27/13 19:04      |         |
| Decachlorobiphenyl [2]   |         | 115        | 30-150          |          |      |              |               | 8/27/13 19:04      |         |
| Tetrachloro-m-xylene [1] |         | 106        | 30-150          |          |      |              |               | 8/27/13 19:04      |         |
| Tetrachloro-m-xylene [2] |         | 108        | 30-150          |          |      |              |               | 8/27/13 19:04      |         |

Project Location: Osborn

Sample Description: Boy's Lav. Wall

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-13

Sample ID: 13H0891-13

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:16      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:16      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:16      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:16      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:16      | MJC     |
| Aroclor-1254 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:16      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:16      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:16      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:16      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 103        | 30-150          |          |      |              |               | 8/27/13 19:16      |         |
| Decachlorobiphenyl [2]   |         | 103        | 30-150          |          |      |              |               | 8/27/13 19:16      |         |
| Tetrachloro-m-xylene [1] |         | 94.2       | 30-150          |          |      |              |               | 8/27/13 19:16      |         |
| Tetrachloro-m-xylene [2] |         | 95.6       | 30-150          |          |      |              |               | 8/27/13 19:16      |         |

Project Location: Osborn

Sample Description: Boy's Lav. Floor

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-14

Sample ID: 13H0891-14

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:54      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:54      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:54      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:54      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:54      | MJC     |
| Aroclor-1254 [2]         | 0.70    | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:54      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:54      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:54      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 19:54      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 124        | 30-150          |          |      |              |               | 8/27/13 19:54      |         |
| Decachlorobiphenyl [2]   |         | 118        | 30-150          |          |      |              |               | 8/27/13 19:54      |         |
| Tetrachloro-m-xylene [1] |         | 108        | 30-150          |          |      |              |               | 8/27/13 19:54      |         |
| Tetrachloro-m-xylene [2] |         | 109        | 30-150          |          |      |              |               | 8/27/13 19:54      |         |

Project Location: Osborn

Sample Description: Main Lobby Wall

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-15

Sample ID: 13H0891-15

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:06      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:06      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:06      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:06      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:06      | MJC     |
| Aroclor-1254 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:06      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:06      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:06      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:06      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 111        | 30-150          |          |      |              |               | 8/27/13 20:06      |         |
| Decachlorobiphenyl [2]   |         | 113        | 30-150          |          |      |              |               | 8/27/13 20:06      |         |
| Tetrachloro-m-xylene [1] |         | 104        | 30-150          |          |      |              |               | 8/27/13 20:06      |         |
| Tetrachloro-m-xylene [2] |         | 105        | 30-150          |          |      |              |               | 8/27/13 20:06      |         |



Project Location: Osborn

Sample Description: Main Lobby Floor

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-16

Sample ID: 13H0891-16

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:18      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:18      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:18      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:18      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:18      | MJC     |
| Aroclor-1254 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:18      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:18      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:18      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:18      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 112        | 30-150          |          |      |              |               | 8/27/13 20:18      |         |
| Decachlorobiphenyl [2]   |         | 109        | 30-150          |          |      |              |               | 8/27/13 20:18      |         |
| Tetrachloro-m-xylene [1] |         | 102        | 30-150          |          |      |              |               | 8/27/13 20:18      |         |
| Tetrachloro-m-xylene [2] |         | 103        | 30-150          |          |      |              |               | 8/27/13 20:18      |         |



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Osborn

Sample Description: Hall o/s Nurse/Principal Wall

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-17

Sample ID: 13H0891-17

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:31      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:31      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:31      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:31      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:31      | MJC     |
| Aroclor-1254 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:31      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:31      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:31      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:31      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 111        | 30-150          |          |      |              |               | 8/27/13 20:31      |         |
| Decachlorobiphenyl [2]   |         | 110        | 30-150          |          |      |              |               | 8/27/13 20:31      |         |
| Tetrachloro-m-xylene [1] |         | 102        | 30-150          |          |      |              |               | 8/27/13 20:31      |         |
| Tetrachloro-m-xylene [2] |         | 103        | 30-150          |          |      |              |               | 8/27/13 20:31      |         |

Project Location: Osborn

Sample Description: Hall o/s Nurse/Principal Floor

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-18

Sample ID: 13H0891-18

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:43      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:43      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:43      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:43      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:43      | MJC     |
| Aroclor-1254 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:43      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:43      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:43      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:43      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 110        | 30-150          |          |      |              |               | 8/27/13 20:43      |         |
| Decachlorobiphenyl [2]   |         | 113        | 30-150          |          |      |              |               | 8/27/13 20:43      |         |
| Tetrachloro-m-xylene [1] |         | 103        | 30-150          |          |      |              |               | 8/27/13 20:43      |         |
| Tetrachloro-m-xylene [2] |         | 105        | 30-150          |          |      |              |               | 8/27/13 20:43      |         |

Project Location: Osborn

Sample Description: Rm. 109 Wall

Work Order: 13H0891

Date Received: 8/22/2013

Field Sample #: W0821-19

Sampled: 8/21/2013 00:00

Sample ID: 13H0891-19

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:56      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:56      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:56      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:56      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:56      | MJC     |
| Aroclor-1254 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:56      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:56      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:56      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 20:56      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 116        | 30-150          |          |      |              |               | 8/27/13 20:56      |         |
| Decachlorobiphenyl [2]   |         | 118        | 30-150          |          |      |              |               | 8/27/13 20:56      |         |
| Tetrachloro-m-xylene [1] |         | 108        | 30-150          |          |      |              |               | 8/27/13 20:56      |         |
| Tetrachloro-m-xylene [2] |         | 109        | 30-150          |          |      |              |               | 8/27/13 20:56      |         |

Project Location: Osborn

Sample Description: Rm. 109 Floor

Work Order: 13H0891

Date Received: 8/22/2013

Field Sample #: W0821-20

Sampled: 8/21/2013 00:00

Sample ID: 13H0891-20

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:08      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:08      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:08      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:08      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:08      | MJC     |
| Aroclor-1254 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:08      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:08      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:08      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:08      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 114        | 30-150          |          |      |              |               | 8/27/13 21:08      |         |
| Decachlorobiphenyl [2]   |         | 114        | 30-150          |          |      |              |               | 8/27/13 21:08      |         |
| Tetrachloro-m-xylene [1] |         | 106        | 30-150          |          |      |              |               | 8/27/13 21:08      |         |
| Tetrachloro-m-xylene [2] |         | 108        | 30-150          |          |      |              |               | 8/27/13 21:08      |         |

Project Location: Osborn

Sample Description: Rm. 102 Wall

Work Order: 13H0891

Date Received: 8/22/2013

Field Sample #: W0821-21

Sampled: 8/21/2013 00:00

Sample ID: 13H0891-21

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:21      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:21      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:21      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:21      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:21      | MJC     |
| Aroclor-1254 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:21      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:21      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:21      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:21      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 110        | 30-150          |          |      |              |               | 8/27/13 21:21      |         |
| Decachlorobiphenyl [2]   |         | 117        | 30-150          |          |      |              |               | 8/27/13 21:21      |         |
| Tetrachloro-m-xylene [1] |         | 106        | 30-150          |          |      |              |               | 8/27/13 21:21      |         |
| Tetrachloro-m-xylene [2] |         | 108        | 30-150          |          |      |              |               | 8/27/13 21:21      |         |

Project Location: Osborn

Sample Description: Rm. 102 Floor

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-22

Sample ID: 13H0891-22

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:33      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:33      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:33      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:33      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:33      | MJC     |
| Aroclor-1254 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:33      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:33      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:33      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:33      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 109        | 30-150          |          |      |              |               | 8/27/13 21:33      |         |
| Decachlorobiphenyl [2]   |         | 111        | 30-150          |          |      |              |               | 8/27/13 21:33      |         |
| Tetrachloro-m-xylene [1] |         | 102        | 30-150          |          |      |              |               | 8/27/13 21:33      |         |
| Tetrachloro-m-xylene [2] |         | 104        | 30-150          |          |      |              |               | 8/27/13 21:33      |         |

Project Location: Osborn

Sample Description: Blank

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-23

Sample ID: 13H0891-23

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:45      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:45      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:45      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:45      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:45      | MJC     |
| Aroclor-1254 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:45      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:45      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:45      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:45      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 114        | 30-150          |          |      |              |               | 8/27/13 21:45      |         |
| Decachlorobiphenyl [2]   |         | 118        | 30-150          |          |      |              |               | 8/27/13 21:45      |         |
| Tetrachloro-m-xylene [1] |         | 108        | 30-150          |          |      |              |               | 8/27/13 21:45      |         |
| Tetrachloro-m-xylene [2] |         | 110        | 30-150          |          |      |              |               | 8/27/13 21:45      |         |



Project Location: Osborn

Sample Description: Blank

Work Order: 13H0891

Date Received: 8/22/2013

Sampled: 8/21/2013 00:00

Field Sample #: W0821-24

Sample ID: 13H0891-24

Sample Matrix: Wipe

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

| Analyte                  | Results | RL         | Units           | Dilution | Flag | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|--------------------------|---------|------------|-----------------|----------|------|--------------|---------------|--------------------|---------|
| Aroclor-1016 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:58      | MJC     |
| Aroclor-1221 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:58      | MJC     |
| Aroclor-1232 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:58      | MJC     |
| Aroclor-1242 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:58      | MJC     |
| Aroclor-1248 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:58      | MJC     |
| Aroclor-1254 [2]         | 0.57    | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:58      | MJC     |
| Aroclor-1260 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:58      | MJC     |
| Aroclor-1262 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:58      | MJC     |
| Aroclor-1268 [1]         | ND      | 0.20       | µg/Wipe         | 1        |      | SW-846 8082A | 8/23/13       | 8/27/13 21:58      | MJC     |
| Surrogates               |         | % Recovery | Recovery Limits |          | Flag |              |               |                    |         |
| Decachlorobiphenyl [1]   |         | 101        | 30-150          |          |      |              |               | 8/27/13 21:58      |         |
| Decachlorobiphenyl [2]   |         | 103        | 30-150          |          |      |              |               | 8/27/13 21:58      |         |
| Tetrachloro-m-xylene [1] |         | 96.1       | 30-150          |          |      |              |               | 8/27/13 21:58      |         |
| Tetrachloro-m-xylene [2] |         | 94.4       | 30-150          |          |      |              |               | 8/27/13 21:58      |         |

**Sample Extraction Data**

Prep Method: SW-846 3540C-SW-846 8082A

| Lab Number [Field ID] | Batch   | Initial [Wipe] | Final [mL] | Date     |
|-----------------------|---------|----------------|------------|----------|
| 13H0891-07 [W0821-07] | B079482 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-08 [W0821-08] | B079482 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-09 [W0821-09] | B079482 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-10 [W0821-10] | B079482 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-11 [W0821-11] | B079482 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-12 [W0821-12] | B079482 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-13 [W0821-13] | B079482 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-14 [W0821-14] | B079482 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-15 [W0821-15] | B079482 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-16 [W0821-16] | B079482 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-17 [W0821-17] | B079482 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-18 [W0821-18] | B079482 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-19 [W0821-19] | B079482 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-20 [W0821-20] | B079482 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-21 [W0821-21] | B079482 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-22 [W0821-22] | B079482 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-23 [W0821-23] | B079482 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-24 [W0821-24] | B079482 | 1.00           | 10.0       | 08/23/13 |

Prep Method: SW-846 3540C-SW-846 8082A

| Lab Number [Field ID] | Batch   | Initial [Wipe] | Final [mL] | Date     |
|-----------------------|---------|----------------|------------|----------|
| 13H0891-01 [W0821-01] | B079483 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-02 [W0821-02] | B079483 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-03 [W0821-03] | B079483 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-04 [W0821-04] | B079483 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-05 [W0821-05] | B079483 | 1.00           | 10.0       | 08/23/13 |
| 13H0891-06 [W0821-06] | B079483 | 1.00           | 10.0       | 08/23/13 |

**QUALITY CONTROL**

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control**

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

**Batch B079482 - SW-846 3540C**

**Blank (B079482-BLK1)**

Prepared: 08/23/13 Analyzed: 08/27/13

|                                      |      |      |         |      |  |      |        |  |  |  |
|--------------------------------------|------|------|---------|------|--|------|--------|--|--|--|
| Aroclor-1016                         | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Aroclor-1016 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Aroclor-1221                         | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Aroclor-1221 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Aroclor-1232                         | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Aroclor-1232 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Aroclor-1242                         | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Aroclor-1242 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Aroclor-1248                         | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Aroclor-1248 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Aroclor-1254                         | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Aroclor-1254 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Aroclor-1260                         | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Aroclor-1260 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Aroclor-1262                         | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Aroclor-1262 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Aroclor-1268                         | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Aroclor-1268 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |      |        |  |  |  |
| Surrogate: Decachlorobiphenyl        | 2.23 |      | µg/Wipe | 2.00 |  | 112  | 30-150 |  |  |  |
| Surrogate: Decachlorobiphenyl [2C]   | 2.30 |      | µg/Wipe | 2.00 |  | 115  | 30-150 |  |  |  |
| Surrogate: Tetrachloro-m-xylene      | 1.97 |      | µg/Wipe | 2.00 |  | 98.6 | 30-150 |  |  |  |
| Surrogate: Tetrachloro-m-xylene [2C] | 2.04 |      | µg/Wipe | 2.00 |  | 102  | 30-150 |  |  |  |

**LCS (B079482-BS1)**

Prepared: 08/23/13 Analyzed: 08/27/13

|                                      |      |      |         |       |  |      |        |  |  |  |
|--------------------------------------|------|------|---------|-------|--|------|--------|--|--|--|
| Aroclor-1016                         | 0.54 | 0.20 | µg/Wipe | 0.500 |  | 108  | 40-140 |  |  |  |
| Aroclor-1016 [2C]                    | 0.56 | 0.20 | µg/Wipe | 0.500 |  | 112  | 40-140 |  |  |  |
| Aroclor-1260                         | 0.55 | 0.20 | µg/Wipe | 0.500 |  | 109  | 40-140 |  |  |  |
| Aroclor-1260 [2C]                    | 0.56 | 0.20 | µg/Wipe | 0.500 |  | 112  | 40-140 |  |  |  |
| Surrogate: Decachlorobiphenyl        | 2.20 |      | µg/Wipe | 2.00  |  | 110  | 30-150 |  |  |  |
| Surrogate: Decachlorobiphenyl [2C]   | 2.26 |      | µg/Wipe | 2.00  |  | 113  | 30-150 |  |  |  |
| Surrogate: Tetrachloro-m-xylene      | 1.93 |      | µg/Wipe | 2.00  |  | 96.6 | 30-150 |  |  |  |
| Surrogate: Tetrachloro-m-xylene [2C] | 1.99 |      | µg/Wipe | 2.00  |  | 99.6 | 30-150 |  |  |  |

**LCS Dup (B079482-BSD1)**

Prepared: 08/23/13 Analyzed: 08/27/13

|                                      |      |      |         |       |  |      |        |       |    |  |
|--------------------------------------|------|------|---------|-------|--|------|--------|-------|----|--|
| Aroclor-1016                         | 0.56 | 0.20 | µg/Wipe | 0.500 |  | 112  | 40-140 | 4.08  | 30 |  |
| Aroclor-1016 [2C]                    | 0.59 | 0.20 | µg/Wipe | 0.500 |  | 119  | 40-140 | 5.43  | 30 |  |
| Aroclor-1260                         | 0.55 | 0.20 | µg/Wipe | 0.500 |  | 109  | 40-140 | 0.335 | 30 |  |
| Aroclor-1260 [2C]                    | 0.57 | 0.20 | µg/Wipe | 0.500 |  | 114  | 40-140 | 1.84  | 30 |  |
| Surrogate: Decachlorobiphenyl        | 2.24 |      | µg/Wipe | 2.00  |  | 112  | 30-150 |       |    |  |
| Surrogate: Decachlorobiphenyl [2C]   | 2.35 |      | µg/Wipe | 2.00  |  | 117  | 30-150 |       |    |  |
| Surrogate: Tetrachloro-m-xylene      | 1.98 |      | µg/Wipe | 2.00  |  | 99.2 | 30-150 |       |    |  |
| Surrogate: Tetrachloro-m-xylene [2C] | 2.04 |      | µg/Wipe | 2.00  |  | 102  | 30-150 |       |    |  |

**QUALITY CONTROL**

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control**

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

**Batch B079483 - SW-846 3540C**

**Blank (B079483-BLK1)**

Prepared: 08/23/13 Analyzed: 08/27/13

|                                      |      |      |         |      |  |     |        |  |  |  |
|--------------------------------------|------|------|---------|------|--|-----|--------|--|--|--|
| Aroclor-1016                         | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Aroclor-1016 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Aroclor-1221                         | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Aroclor-1221 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Aroclor-1232                         | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Aroclor-1232 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Aroclor-1242                         | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Aroclor-1242 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Aroclor-1248                         | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Aroclor-1248 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Aroclor-1254                         | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Aroclor-1254 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Aroclor-1260                         | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Aroclor-1260 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Aroclor-1262                         | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Aroclor-1262 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Aroclor-1268                         | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Aroclor-1268 [2C]                    | ND   | 0.20 | µg/Wipe |      |  |     |        |  |  |  |
| Surrogate: Decachlorobiphenyl        | 2.37 |      | µg/Wipe | 2.00 |  | 118 | 30-150 |  |  |  |
| Surrogate: Decachlorobiphenyl [2C]   | 2.30 |      | µg/Wipe | 2.00 |  | 115 | 30-150 |  |  |  |
| Surrogate: Tetrachloro-m-xylene      | 2.16 |      | µg/Wipe | 2.00 |  | 108 | 30-150 |  |  |  |
| Surrogate: Tetrachloro-m-xylene [2C] | 2.15 |      | µg/Wipe | 2.00 |  | 107 | 30-150 |  |  |  |

**LCS (B079483-BS1)**

Prepared: 08/23/13 Analyzed: 08/27/13

|                                      |      |      |         |       |  |     |        |  |  |  |
|--------------------------------------|------|------|---------|-------|--|-----|--------|--|--|--|
| Aroclor-1016                         | 0.60 | 0.20 | µg/Wipe | 0.500 |  | 120 | 40-140 |  |  |  |
| Aroclor-1016 [2C]                    | 0.60 | 0.20 | µg/Wipe | 0.500 |  | 121 | 40-140 |  |  |  |
| Aroclor-1260                         | 0.57 | 0.20 | µg/Wipe | 0.500 |  | 113 | 40-140 |  |  |  |
| Aroclor-1260 [2C]                    | 0.56 | 0.20 | µg/Wipe | 0.500 |  | 112 | 40-140 |  |  |  |
| Surrogate: Decachlorobiphenyl        | 2.35 |      | µg/Wipe | 2.00  |  | 117 | 30-150 |  |  |  |
| Surrogate: Decachlorobiphenyl [2C]   | 2.32 |      | µg/Wipe | 2.00  |  | 116 | 30-150 |  |  |  |
| Surrogate: Tetrachloro-m-xylene      | 2.25 |      | µg/Wipe | 2.00  |  | 113 | 30-150 |  |  |  |
| Surrogate: Tetrachloro-m-xylene [2C] | 2.25 |      | µg/Wipe | 2.00  |  | 112 | 30-150 |  |  |  |

**LCS Dup (B079483-BSD1)**

Prepared: 08/23/13 Analyzed: 08/27/13

|                                      |      |      |         |       |  |      |        |      |    |  |
|--------------------------------------|------|------|---------|-------|--|------|--------|------|----|--|
| Aroclor-1016                         | 0.56 | 0.20 | µg/Wipe | 0.500 |  | 113  | 40-140 | 5.86 | 30 |  |
| Aroclor-1016 [2C]                    | 0.53 | 0.20 | µg/Wipe | 0.500 |  | 106  | 40-140 | 12.5 | 30 |  |
| Aroclor-1260                         | 0.53 | 0.20 | µg/Wipe | 0.500 |  | 106  | 40-140 | 6.83 | 30 |  |
| Aroclor-1260 [2C]                    | 0.52 | 0.20 | µg/Wipe | 0.500 |  | 104  | 40-140 | 7.33 | 30 |  |
| Surrogate: Decachlorobiphenyl        | 2.14 |      | µg/Wipe | 2.00  |  | 107  | 30-150 |      |    |  |
| Surrogate: Decachlorobiphenyl [2C]   | 2.11 |      | µg/Wipe | 2.00  |  | 106  | 30-150 |      |    |  |
| Surrogate: Tetrachloro-m-xylene      | 1.94 |      | µg/Wipe | 2.00  |  | 96.9 | 30-150 |      |    |  |
| Surrogate: Tetrachloro-m-xylene [2C] | 1.93 |      | µg/Wipe | 2.00  |  | 96.4 | 30-150 |      |    |  |

**FLAG/QUALIFIER SUMMARY**

- \* QC result is outside of established limits.
  - † Wide recovery limits established for difficult compound.
  - ‡ Wide RPD limits established for difficult compound.
  - # Data exceeded client recommended or regulatory level
- Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.  
No results have been blank subtracted unless specified in the case narrative section.
- O-04 Sample fingerprint does not match standard exactly. Sample was quantitated against the closest matching standard.

**CERTIFICATIONS**

**Certified Analyses included in this Report**

| Analyte | Certifications |
|---------|----------------|
|---------|----------------|

**No certified Analyses included in this Report**

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

| Code | Description                                  | Number        | Expires    |
|------|--|---------------|------------|
| AIHA | AIHA-LAP, LLC                                | 100033        | 02/1/2014  |
| MA   | Massachusetts DEP                            | M-MA100       | 06/30/2014 |
| CT   | Connecticut Department of Public Health      | PH-0567       | 09/30/2013 |
| NY   | New York State Department of Health          | 10899 NELAP   | 04/1/2014  |
| NH-S | New Hampshire Environmental Lab              | 2516 NELAP    | 02/5/2014  |
| RI   | Rhode Island Department of Health            | LAO00112      | 12/30/2013 |
| NC   | North Carolina Div. of Water Quality         | 652           | 12/31/2013 |
| NJ   | New Jersey DEP                               | MA007 NELAP   | 06/30/2014 |
| FL   | Florida Department of Health                 | E871027 NELAP | 06/30/2014 |
| VT   | Vermont Department of Health Lead Laboratory | LL015036      | 07/30/2014 |
| WA   | State of Washington Department of Ecology    | C2065         | 02/23/2014 |
| ME   | State of Maine                               | 2011028       | 06/9/2015  |
| VA   | Commonwealth of Virginia                     | 460217        | 12/14/2013 |
| NH-P | New Hampshire Environmental Lab              | 2557 NELAP    | 09/6/2012  |



**CON-TEST**  
ANALYTICAL LABORATORY

Phone: 413-525-2332  
Fax: 413-525-6405  
Email: info@contestlabs.com  
www.contestlabs.com

**CHAIN OF CUSTODY RECORD**

39 Spruce Street  
East Longmeadow, MA 01028

Company Name: AMC Environmental  
Address: P.O. Box 423  
Stratford, CT 06615  
Attention: Jason Pringle  
Project Location: Osborn,  
Sampled By: J. Stanton

Telephone: 203-378-5020

Project #

Client PO#

DATA DELIVERY (check all that apply)

FAX  EMAIL  WEBSITE

Fax #

Email: results@amcenviro.com

Format:  PDF  EXCEL  GIS

OTHER

Project Proposal Provided? (for billing purposes)

yes  no

proposal date

Con-Test Lab ID

(Laboratory use only)

Client Sample ID / Description

Beginning Date/Time

Ending Date/Time

Composite

Grab

\*Matrix Code

Lab Code

Soxhlet 8082A

ANALYSIS REQUESTED

# of Containers

\*\* Preservation

\*\*\* Container Code

Dissolved Metals

Field Filtered  
 Lab to Filter

\*\*\*Cont. Code:

A=amber glass  
G=glass  
P=plastic  
ST=sterile  
V=vial  
S=summa can  
T=tedlar bag  
O=Other

\*\*Preservation

I=iced  
H=HCL  
M=Methanol  
N=Nitric Acid  
S=Sulfuric Acid  
B=Sodium bisulfate  
X=Na hydroxide  
T=Na thiosulfate  
O=Other

\*Matrix Code:

GW=groundwater  
WW=wastewater  
DW=drinking water  
A=air  
S=soil/solid  
SL=sludge  
O=other

Relinquished by (signature)

Date/Time

Relinquished by (signature)

Date/Time

Relinquished by (signature)

Date/Time

Comments:  
Surface Area = 100 cm<sup>2</sup>

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

**Detection Limit Requirements**

Massachusetts:

Connecticut:

Other:

<1PPM

Other:

**Is your project MCP or RCP ?**

- MCP Form Required
- RCP Form Required
- MA State DW Form Required PWSID # \_\_\_\_\_



NELAC & AIHA Certified  
WBE/DBE Certified

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT



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Page 2 of 3

Company Name: AMC Environmental

Telephone: 203-378-5020

Address: P.O. Box 423  
Stratford, CT 06615

Project #

Attention: Jason Pringle

Client PO#

Project Location: Osborn

DATA DELIVERY (check all that apply)

Sampled By: T. Stanfa

Fax #

Email: results@amcenviro.com

Project Proposal Provided? (for billing purposes)  
 Yes  No

Format:

PDF  EXCEL  OGIS  
 OTHER

| Con-Test Lab ID<br><small>(laboratory use only)</small> | Client Sample ID / Description | Collection          |                  | Composite | Grab | *Matrix Code | Line Code |
|---|--------------------------------|---------------------|------------------|-----------|------|--------------|-----------|
|   |                                | Beginning Date/Time | Ending Date/Time |           |      |              |           |
| 11  | M0821-11 Computer room wall    | 08-21-13            |                  |           |      | S            |           |
| 12  | 12 Main Lobby - Floor          |                     |                  |           |      | S            |           |
| 13  | 13 Boys' Lav - Wall            |                     |                  |           |      | S            |           |
| 14  | 14 Boys' Lav - Floor           |                     |                  |           |      | S            |           |
| 15  | 15 Main Lobby - Wall           |                     |                  |           |      | S            |           |
| 16  | 16 Main Lobby - Floor          |                     |                  |           |      | S            |           |
| 17  | 17 Main Lobby - Wall           |                     |                  |           |      | S            |           |
| 18  | 18 Main Lobby - Floor          |                     |                  |           |      | S            |           |
| 19  | 19 Main Lobby - Wall           |                     |                  |           |      | S            |           |
| 20  | 20 Main Lobby - Floor          |                     |                  |           |      | S            |           |

Comments: Surface Area = 100cm<sup>2</sup>

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:  
H - High, M - Medium, L - Low, C - Clean, U - Unknown

| # of Containers | ** Preservation | *** Container Code |
|-----------------|-----------------|--------------------|
|                 |                 |                    |
|                 |                 |                    |
|                 |                 |                    |

| Dissolved Metals                     |
|--------------------------------------|
| <input type="radio"/> Field Filtered |
| <input type="radio"/> Lab to Filter  |

| ***Cont. Code: |
|----------------|
| A=amber glass  |
| G=glass        |
| P=plastic      |
| ST=sterile     |
| V=Vial         |
| S=Summa can    |
| T=tetlar bag   |
| O=Other        |

| **Preservation       |
|----------------------|
| I = Iced             |
| H = HCL              |
| M = Methanol         |
| N = Nitric Acid      |
| S = Sulfuric Acid    |
| B = Sodium bisulfate |
| X = Na hydroxide     |
| T = Na thiosulfate   |
| O = Other            |

| *Matrix Code:       |
|---------------------|
| GW = groundwater    |
| WW = wastewater     |
| DW = drinking water |
| A = air             |
| S = soil/solid      |
| SL = sludge         |
| O = other           |

Relinquished by (signature)  
*[Signature]*

Turnaround  7-Day  
 10-Day  
 Other

Is your project MCP or RCP?  
 MCP Form Required  
 RCP Form Required  
 MA State DW Form Required PWSID # \_\_\_\_\_

Received by (signature)  
*[Signature]*

Require lab approval  
 124-Hr  148-Hr  
 172-Hr  14-Day  
 RUSH  Other

Detection Limit Requirements  
Massachusetts: \_\_\_\_\_  
Connecticut: <1PPM

Relinquished by (signature)  
*[Signature]*

Date/Time: 8/21/13

NEIAC & AIHA Certified  
WBE/DBE Certified

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Page 3 of 3

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Project #

Client PO#

Attention: Jason Pringle

DATA DELIVERY (check all that apply)  
 FAX  EMAIL  WEBSITE

Project Location: Osborn

Fax #

Sampled By:

Email: results@amcenviro.com

Project Proposal Provided? (for billing purposes)  
 yes  no

Format:  PDF  EXCEL  GIS  
 OTHER

Collection:  "Enhanced Data Package"

| Con-Test Lab ID<br><small>(laboratory use only)</small> | Client Sample ID / Description | Beginning Date/Time | Ending Date/Time | Collection |      | Matrix Code | Barcode       |
|---|--------------------------------|---------------------|------------------|------------|------|-------------|---------------|
|   |                                |                     |                  | Composite  | Grab |             |               |
| 21  | W0821-21 Km. 102 wall          | 08-21-13            |                  |            |      | S           | Soxhlet 8082A |
| 22  | -12 Km. 102 Hwy                | 08-21-13            |                  |            |      | S           |               |
| 23  | BLANK                          |                     |                  |            |      | S           |               |
| 24  | BLANK                          |                     |                  |            |      | S           |               |
|   |                                |                     |                  |            |      | S           |               |
|   |                                |                     |                  |            |      | S           |               |
|   |                                |                     |                  |            |      | S           |               |
|   |                                |                     |                  |            |      | S           |               |
|   |                                |                     |                  |            |      | S           |               |
|   |                                |                     |                  |            |      | S           |               |

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Comments: SURFACE AREA = 100 CM<sup>2</sup>

ANALYSIS REQUESTED

# of Containers  
\*\* Preservation  
\*\*\* Container Code

Dissolved Metals  
 Field Filtered  
 Lab to Filter

\*\*\*Cont. Code:

A=amber glass  
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Is your project MCP or RCP?

- MCP Form Required
- RCP Form Required
- MA State DW Form Required PWSID # \_\_\_\_\_



NELAC & AIHA Certified  
WB/DBE Certified

Retrieved by: (signature) *[Signature]* Date/Time: *8/21/13*

Received by: (signature) *[Signature]* Date/Time: *8/21/13*

Received by: (signature) *[Signature]* Date/Time: *8/21/13*

Received by: (signature) *[Signature]* Date/Time: *8/21/13*

Turnaround  7-Day  
 10-Day  
 Other \_\_\_\_\_

RUSH  124-Hr  148-Hr

172-Hr  14-Day

Require lab approval \_\_\_\_\_

Detection Limit Requirements

Massachusetts: \_\_\_\_\_  
Connecticut: <1PPM

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### Sample Receipt Checklist

CLIENT NAME: Amc RECEIVED BY: PLF DATE: 8/20/13

1) Was the chain(s) of custody relinquished and signed?  Yes No No CoC Included

2) Does the chain agree with the samples?  Yes No  
 If not, explain:

3) Are all the samples in good condition?  Yes No  
 If not, explain:

4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)?  Yes No N/A

Temperature °C by Temp blank \_\_\_\_\_ Temperature °C by Temp gun 5.1°C

5) Are there Dissolved samples for the lab to filter? Yes  No  
 Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes  No  
 Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

7) Location where samples are stored: 19 Permission to subcontract samples? Yes No  
 (Walk-in clients only) if not already approved  
 Client Signature: \_\_\_\_\_

8) Do all samples have the proper Acid pH: Yes No  N/A \_\_\_\_\_

9) Do all samples have the proper Base pH: Yes No  N/A \_\_\_\_\_

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No  N/A

### Containers received at Con-Test

|                                | # of containers |                             | # of containers |
|--------------------------------|-----------------|-----------------------------|-----------------|
| 1 Liter Amber                  |                 | 8 oz amber/clear jar        |                 |
| 500 mL Amber                   |                 | 4 oz amber/clear jar        |                 |
| 250 mL Amber (8oz amber)       |                 | 2 oz amber <u>clear</u> jar | <u>24</u>       |
| 1 Liter Plastic                |                 | Air Cassette                |                 |
| 500 mL Plastic                 |                 | Hg/Hopcalite Tube           |                 |
| 250 mL plastic                 |                 | Plastic Bag / Ziploc        |                 |
| 40 mL Vial - type listed below |                 | PM 2.5 / PM 10              |                 |
| Colisure / bacteria bottle     |                 | PUF Cartridge               |                 |
| Dissolved Oxygen bottle        |                 | SOC Kit                     |                 |
| Encore                         |                 | TO-17 Tubes                 |                 |
| Flashpoint bottle              |                 | Non-ConTest Container       |                 |
| Perchlorate Kit                |                 | Other glass jar             |                 |
| Other                          |                 | Other                       |                 |

Laboratory Comments:

|   |                       |
|---|-----------------------|
| 40 mL vials: # HCl _____ # Methanol _____             | Time and Date Frozen: |
| Doc# 277 # Bisulfate _____ # DI Water _____           |                       |
| Rev. 3 May 2012 # Thiosulfate _____ Unpreserved _____ |                       |