

January 10, 2017

Mr. Michael Tambroni  
North Tonawanda City School District  
Director of Facilities  
176 Walck Road  
North Tonawanda, New York 14120

**re: Investigation and Sampling of Drinking Water for Lead Concentrations**

Dear Mr. Tambroni:

Included with this letter is Stohl Environmental LLC's report for the Water Sampling performed at the educational buildings of the North Tonawanda City School District, including:

- Gilmore Building, 176 Walck Road, North Tonawanda, New York

This report is prepared to assist the District in complying with the requirements of NYS regulations, *SUBPART 67-4: Lead Testing in School Drinking Water*, by identifying the sources of potable water with lead concentrations greater than the NYS "Action Level of 15 parts per billion (ppb)".

The Investigation and Sampling was performed on October 18 and October 20, 2016. The Protocol for the Investigation followed the requirements of NYS regulations as well as USEPA Technical Guidance Document "3-T's for Reducing Lead in Drinking Water in Schools".

As detailed in Section 1.2 (*Executive Summary*) of the accompanying report, based upon the sampling and analysis performed, 11 sources of potable water at the Gilmore Building have been identified as having lead concentrations in water above the NYS Action Level of 15 parts per billion. To comply with NYS regulations, Response actions as identified in this report by the District are required.

Thank you for the opportunity to be of service to North Tonawanda City School District.

Sincerely,  
Stohl Environmental, LLC.



William K. Sisco  
Senior Project Manager

**Investigation and Sampling  
Of Sources of Potable Water  
For Lead Concentrations**

**Prepared for:**

**Mr. Michael Tambroni  
North Tonawanda City School District  
Director of Facilities  
176 Walck Road  
North Tonawanda, New York 14120**

**Prepared by:**



**ENVIRONMENTAL CONSULTANTS - A MEMBER OF THE STOHL GROUP OF COMPANIES**

**4169 ALLENDALE PKWY. BUFFALO, NEW YORK 14219**

**☎ (716) 312-0070 📠 (716) 312-8092**

**[www.stohlenvironmental.com](http://www.stohlenvironmental.com)**

**Conditions as of October 18 and October 20, 2016**

## Summary Tabulation

### Lead in Drinking Water Investigation

- 1.1. Scope of Work and Sampling Protocol
- 1.2. Executive Summary of Sampling and Analysis
- 1.3. Response Actions Required Under NYS Regulations
- 1.4. Laboratory Analytical Reports by Building
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- 1.6. Chains of Custody
- 1.7. Photo documentation of Outlets Above Action Level for rooms where there are multiple outlets

## 1.1 Sampling Protocol and Summary of Results:

Stohl Environmental was retained by North Tonawanda City School District to perform sampling and analysis of potable water for elevated lead concentrations. Sampling was performed in the following buildings:

- Gilmore Building, 176 Walck Road, North Tonawanda, New York

### Scope of Work:

Stohl Environmental was charged with collecting first-draw water samples from all outlets in the Gilmore Building. Outlets are defined in NYS regulations as: "a potable water fixture currently or potentially used for drinking or cooking purposes, including but not limited to a bubbler, drinking fountain, or faucets".

### Sampling Protocol:

In accordance with NYS regulations, *Subpart 67-4: Lead Testing in School Drinking Water*, and the EPA guidance document, *'3Ts for Reducing Lead in Drinking Water in Schools'*, Stohl Environmental's protocol can be summarized as follows:

- **First-draw samples** of 250 milliliters (mL) were collected from cold water outlets before any water was used. Sampling was coordinated with District representatives to assure that water was motionless in the pipes for a minimum of 8 hours, but not more than 18 hours before sample collection.
- **Service Connection Sampling:** Samples were collected at the service connection as follows:
  - o **Service Connection Sample:** As detailed in EPA guidance documents, this sample is not a first-draw sample. The cold water tap closest to the service connection was opened, and the sample was collected immediately after a change in water temperature was detected, or after 30 seconds.
  - o **Water Main Sample:** This sample was collected at the same location as the Service Connection sample; however, it was collected after water was allowed to run an additional 3 minutes after the temperature change, but not more than 3 minutes and 30 seconds.
- **Laboratory Analysis:** Samples were submitted following strict chain-of-custody protocols to an independent laboratory approved by the NYS Department of Health's Environmental Laboratory Approval Program (ELAP).

## 1.2 Executive Summary of Sampling and Analysis:

### Total Number of Samples Collected by Building Classified by First Draw & Confirmatory Samples:

| Building Name    | Date of Sample Event | Total Number Samples Collected | First Draw Samples                             |                                                | Confirmatory Samples **                        |                                                |
|------------------|----------------------|--------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                  |                      |                                | Number of Samples Below Action level of 15 ppb | Number of Samples Above Action Level of 15 ppb | Number of Samples Below Action level of 15 ppb | Number of Samples Above Action Level of 15 ppb |
| Gilmore Building | 10/18/16 & 10/20/16  | 52                             | 41                                             | 11                                             | 0                                              | 0                                              |

\*\* Confirmatory samples are samples collected subsequent to "Step 1" First Draw samples to verify initial findings of lead contamination, to assist in problem assessment to determine remediation and/or verify that lead levels are at or below action level post-remediation.

### Listing of Outlets Requiring Remediation

| Locations of Outlets Analyzed above the NYS Action Level of 15 parts per billion based upon Analysis of First Draw Samples and Confirmatory Samples |             |                                                                                                           |                     |                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------|---------------------|----------------------------|
| Sample #                                                                                                                                            | Sample Type | Classroom or other Location                                                                               | Fixture/Outlet type | Laboratory Analysis in ppb |
| 448.7-5                                                                                                                                             | First Draw  | Drinking fountain by room 204                                                                             | Drinking fountain   | 58.1 ppb                   |
| 448-7-15                                                                                                                                            | First Draw  | First floor staff bathroom right sink, looking at sinks                                                   | Sink                | 20.2 ppb                   |
| 448-7-27                                                                                                                                            | First Draw  | Kitchen steam kettle                                                                                      | Steam kettle        | 32.4 ppb                   |
| 448-7-31                                                                                                                                            | First Draw  | Kitchen sink located across from the sprayer head (right sink looking at sinks, see photo in Section 1.7) |                     | 25.4 ppb                   |
| 448-7-42                                                                                                                                            | First Draw  | Room 210 sink                                                                                             | Sink                | 33.0 ppb                   |
| 448-7-43                                                                                                                                            | First Draw  | Room 209 sink                                                                                             | Sink                | 61.3 ppb                   |
| 448-7-44                                                                                                                                            | First Draw  | Room 211 sink (both sinks are above standard)                                                             | Sink                | 30.2 ppb                   |
| 448-7-45                                                                                                                                            | First Draw  | Room 211 sink (both sinks are above standard)                                                             | Sink                | 20.5 ppb                   |
| 448-7-46                                                                                                                                            | First Draw  | Room 208 sink                                                                                             | Sink                | 16.0 ppb                   |
| 448-7-47                                                                                                                                            | First Draw  | Room 207 sink                                                                                             | Sink                | 176.0 ppb                  |
| 448-7-50                                                                                                                                            | First Draw  | Second floor men's staff bathroom sink, left sink looking at sinks                                        | Sink                | 40.0 ppb                   |

### **1.3 Response Actions Required Under NYS Regulations, Section 67-4.4:**

For outlets analyzed with a lead concentration in excess of the NYS Action Level, regulations require:

- (a) Prohibit use of the outlet until:
  - (1) a lead remediation plan is implemented to mitigate the lead level of such outlet; and
  - (2) test results indicate that the lead levels are at or below the action level;
- (b) provide building occupants with an adequate supply of potable water for drinking and cooking until remediation is performed;
- (c) report the test results to the local health department as soon as practicable, but no more than 1 business day after the school received the laboratory report; and
- (d) notify all staff and all persons in parental relation to students of the test results, in writing, as soon as practicable but no more than 10 business days after the school received the laboratory report.



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#### 1.4 Laboratory Analytical Reports by Building



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Stohl Environmental, LLC (4507)  
**Address:** 4169 Allendale Parkway  
Blasdell, NY 14219

**Order #:** 189671

**Matrix** Drinking Water  
**Received** 10/25/16  
**Reported** 11/16/16

**Attn:**

**Project:** Gilmore Water Main Samples  
**Location:** 175 Gilmore Street  
**Number:** 2016L-448

**PO Number:**

| Sample ID              | Cust. Sample ID | Location          | Result | RL*  | Units | Analysis Date | Analyst |
|------------------------|-----------------|-------------------|--------|------|-------|---------------|---------|
| Parameter              |                 | Method            |        |      |       |               |         |
| 189671-001             | 448.7-1-WMF     | Boiler Room HB    |        |      |       |               |         |
| <b>Metals Analysis</b> |                 |                   |        |      |       |               |         |
| Lead                   |                 | EPA 200.9 Rev 2.2 | <5.00  | 5.00 | µg/L  | 11/15/16      | SA      |
| 189671-002             | 448.7-2 WMTC    | Boiler Room HB    |        |      |       |               |         |
| <b>Metals Analysis</b> |                 |                   |        |      |       |               |         |
| Lead                   |                 | EPA 200.9 Rev 2.2 | <5.00  | 5.00 | µg/L  | 11/15/16      | SA      |

189671-11/16/16 09:11 AM

*Abisola O Kasali*

Reviewed By: **Abisola Kasali**  
Metals Supervisor

### EPA Regulatory Limits

| Parameter | Reg. Limit | Unit |
|-----------|------------|------|
| Lead      | 15.0       | µg/L |

### Certifications

| Parameter | Method            | Matrix         | CA | CT | FL | NJ | NY | RI | VA |
|-----------|-------------------|----------------|----|----|----|----|----|----|----|
| Lead      | EPA 200.9 Rev 2.2 | Drinking Water | X  | X  | X  | X  | X  | X  | X  |

### Key

| State | Regulatory Agency - Lab ID | Certificate Number |
|-------|----------------------------|--------------------|
| CA    | CA ELAP                    | 2078               |
| CT    | CT DPH                     | PH-0118            |
| FL    | FL ELAP                    | E87828             |
| NJ    | NJDEP                      | NLC160001          |
| NY    | NYELAP-11413               | 55043              |
| RI    | RIDOH                      | LAO00084           |
| VA    | Virginia DCLS/DEQ - 460135 | 8615               |

'X' indicates that the analyte is accredited.

If your state is not listed above, call laboratory for accreditation/certification information.

All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and \*Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. Solid PPM = mg/kg | PPB = µg/kg and Water PPM = mg/L | PPB = µg/L. The test results reported relate only to the samples submitted.



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Stohl Environmental, LLC (4507)  
**Address:** 4169 Allendale Parkway  
Blasdell, NY 14219

**Order #:** 189116

**Matrix** Water  
**Received** 10/20/16  
**Analyzed**  
**Reported** 01/04/17

**PO Number:**

**Attn:**  
**Project:** Gilmore Building  
**Location:** 175 Gilmore Street  
**Number:** 2016L-448

| Sample ID            | Cust. Sample ID | Location                 | Sample Date | Result           | RL*  | Units | Analyst |
|----------------------|-----------------|--------------------------|-------------|------------------|------|-------|---------|
| Parameter            |                 | Method                   |             |                  |      |       |         |
| <b>189116-001</b>    | 448.7-1 WMF     |                          |             |                  |      |       |         |
| Lead                 |                 | EPA 200.9 Rev 2.2        | 10/18/16    |                  |      |       |         |
| Sample not received. |                 |                          |             |                  |      |       |         |
| <b>189116-002</b>    | 448.7-2 WMTC    |                          |             |                  |      |       |         |
| Lead                 |                 | EPA 200.9 Rev 2.2        | 10/18/16    |                  |      |       |         |
| Sample not received. |                 |                          |             |                  |      |       |         |
| <b>189116-003</b>    | 448.7-3         | Boys Rm S                |             |                  |      |       |         |
| Lead                 |                 | EPA 200.9 Rev 2.2        | 10/18/16    | <b>9.88</b>      | 5.00 | µg/L  | MBH     |
| <b>189116-004</b>    | 448.7-4         | Boys Rm S                |             |                  |      |       |         |
| Lead                 |                 | EPA 200.9 Rev 2.2        | 10/18/16    | <b>11.4</b>      | 5.00 | µg/L  | MBH     |
| <b>189116-005</b>    | 448.7-5         | Drinking Fountain DF     |             |                  |      |       |         |
| Lead                 |                 | EPA 200.9 Rev 2.2        | 10/18/16    | <b>58.1</b>      | 10.0 | µg/L  | MBH     |
| <b>189116-006</b>    | 448.7-6         | Girls Rm S               |             |                  |      |       |         |
| Lead                 |                 | EPA 200.9 Rev 2.2        | 10/18/16    | <b>12.7</b>      | 5.00 | µg/L  | MBH     |
| <b>189116-007</b>    | 448.7-7         | Girls Rm S               |             |                  |      |       |         |
| Lead                 |                 | EPA 200.9 Rev 2.2        | 10/18/16    | <b>&lt; 5.00</b> | 5.00 | µg/L  | MBH     |
| <b>189116-008</b>    | 448.7-8         | Girls Rm S               |             |                  |      |       |         |
| Lead                 |                 | EPA 200.9 Rev 2.2        | 10/18/16    | <b>&lt; 5.00</b> | 5.00 | µg/L  | MBH     |
| <b>189116-009</b>    | 448.7-9         | Drinking Fountain DF     |             |                  |      |       |         |
| Lead                 |                 | EPA 200.9 Rev 2.2        | 10/18/16    | <b>&lt; 5.00</b> | 5.00 | µg/L  | MBH     |
| <b>189116-010</b>    | 448.7-10        | Caf Drinking Fountain DF |             |                  |      |       |         |
| Lead                 |                 | EPA 200.9 Rev 2.2        | 10/18/16    | <b>&lt; 5.00</b> | 5.00 | µg/L  | MBH     |
| <b>189116-011</b>    | 448.7-11        | Caf Drinking Fountain DF |             |                  |      |       |         |
| Lead                 |                 | EPA 200.9 Rev 2.2        | 10/18/16    | <b>&lt; 5.00</b> | 5.00 | µg/L  | MBH     |
| <b>189116-012</b>    | 448.7-12        | Boys Lav S               |             |                  |      |       |         |
| Lead                 |                 | EPA 200.9 Rev 2.2        | 10/18/16    | <b>&lt; 5.00</b> | 5.00 | µg/L  | MBH     |
| <b>189116-013</b>    | 448.7-13        | Boys Lav S               |             |                  |      |       |         |
| Lead                 |                 | EPA 200.9 Rev 2.2        | 10/18/16    | <b>&lt; 5.00</b> | 5.00 | µg/L  | MBH     |
| <b>189116-014</b>    | 448.7-14        | Girls Lav S              |             |                  |      |       |         |

\*Reporting Limit. All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. The test results reported relate only to the samples submitted. Values are reported to three significant figures. The signature above certifies that all results conform to the current NELAC standards unless otherwise noted.



## Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Stohl Environmental, LLC (4507)  
**Address:** 4169 Allendale Parkway  
Blasdell, NY 14219

**Order #:** 189116

**Matrix** Water  
**Received** 10/20/16  
**Analyzed** 12/30/16  
**Reported** 01/04/17

**Attn:**

**Project:** Gilmore Building  
**Location:** 175 Gilmore Street  
**Number:** 2016L-448

**PO Number:**

| Sample ID         | Cust. Sample ID | Location          | Sample Date | Result | RL*  | Units | Analyst |
|-------------------|-----------------|-------------------|-------------|--------|------|-------|---------|
| Parameter         |                 | Method            |             |        |      |       |         |
| Lead              |                 | EPA 200.9 Rev 2.2 | 10/18/16    | < 5.00 | 5.00 | µg/L  | MBH     |
| <b>189116-015</b> | 448.7-15        | Staff Lav S       |             |        |      |       |         |
| Lead              |                 | EPA 200.9 Rev 2.2 | 10/18/16    | 20.2   | 5.00 | µg/L  | MBH     |
| <b>189116-016</b> | 448.7-16        | Staff Lav S       |             |        |      |       |         |
| Lead              |                 | EPA 200.9 Rev 2.2 | 10/18/16    | < 5.00 | 5.00 | µg/L  | MBH     |
| <b>189116-017</b> | 448.7-17        | Staff Lav S       |             |        |      |       |         |
| Lead              |                 | EPA 200.9 Rev 2.2 | 10/18/16    | 8.29   | 5.00 | µg/L  | MBH     |
| <b>189116-018</b> | 448.7-18        | Rm 104 Lav S      |             |        |      |       |         |
| Lead              |                 | EPA 200.9 Rev 2.2 | 10/18/16    | 13.2   | 5.00 | µg/L  | MBH     |
| <b>189116-019</b> | 448.7-19        | Girls Locker Rm B |             |        |      |       |         |
| Lead              |                 | EPA 200.9 Rev 2.2 | 10/18/16    | < 5.00 | 5.00 | µg/L  | MBH     |
| <b>189116-020</b> | 448.7-20        | Girls Locker Rm S |             |        |      |       |         |
| Lead              |                 | EPA 200.9 Rev 2.2 | 10/18/16    | < 5.00 | 5.00 | µg/L  | MBH     |
| <b>189116-021</b> | 448.7-21        | Girls Locker Rm S |             |        |      |       |         |
| Lead              |                 | EPA 200.9 Rev 2.2 | 10/18/16    | < 5.00 | 5.00 | µg/L  | MBH     |
| <b>189116-022</b> | 448.7-22        | Boys Locker Rm S  |             |        |      |       |         |
| Lead              |                 | EPA 200.9 Rev 2.2 | 10/18/16    | < 5.00 | 5.00 | µg/L  | MBH     |
| <b>189116-023</b> | 448.7-23        | Boys Locker Rm S  |             |        |      |       |         |
| Lead              |                 | EPA 200.9 Rev 2.2 | 10/18/16    | < 5.00 | 5.00 | µg/L  | MBH     |
| <b>189116-024</b> | 448.7-24        | Rm 102 S          |             |        |      |       |         |
| Lead              |                 | EPA 200.9 Rev 2.2 | 10/18/16    | < 5.00 | 5.00 | µg/L  | MBH     |
| <b>189116-025</b> | 448.7-25        | Kitchen S         |             |        |      |       |         |
| Lead              |                 | EPA 200.9 Rev 2.2 | 10/18/16    | 8.38   | 5.00 | µg/L  | MBH     |
| <b>189116-026</b> | 448.7-26        | Kitchen S         |             |        |      |       |         |
| Lead              |                 | EPA 200.9 Rev 2.2 | 10/18/16    | 14.4   | 5.00 | µg/L  | MBH     |
| <b>189116-027</b> | 448.7-27        | Kitchen SK        |             |        |      |       |         |
| Lead              |                 | EPA 200.9 Rev 2.2 | 10/18/16    | 32.4   | 5.00 | µg/L  | MBH     |
| <b>189116-028</b> | 448.7-28        | Kitchen S         |             |        |      |       |         |
| Lead              |                 | EPA 200.9 Rev 2.2 | 10/18/16    | 14.5   | 5.00 | µg/L  | MBH     |

\*Reporting Limit. All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. The test results reported relate only to the samples submitted. Values are reported to three significant figures. The signature above certifies that all results conform to the current NELAC standards unless otherwise noted.



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**Order #:** 189116

**Matrix** Water  
**Received** 10/20/16  
**Analyzed** 12/30/16  
**Reported** 01/04/17

**Attn:**

**Project:** Gilmore Building  
**Location:** 175 Gilmore Street  
**Number:** 2016L-448

**PO Number:**

| Sample ID<br>Parameter | Cust. Sample ID | Location<br>Method    | Sample Date | Result           | RL*  | Units | Analyst |
|------------------------|-----------------|-----------------------|-------------|------------------|------|-------|---------|
| <b>189116-029</b>      | 448.7-29        | Kitchen S             |             |                  |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2     | 10/18/16    | <b>14.8</b>      | 5.00 | µg/L  | MBH     |
| <b>189116-030</b>      | 448.7-30        | Kitchen S             |             |                  |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2     | 10/18/16    | <b>&lt; 5.00</b> | 5.00 | µg/L  | MBH     |
| <b>189116-031</b>      | 448.7-31        | Kitchen S             |             |                  |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2     | 10/18/16    | <b>25.4</b>      | 5.00 | µg/L  | MBH     |
| <b>189116-032</b>      | 448.7-32        | Art Rm S              |             |                  |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2     | 10/18/16    | <b>&lt; 5.00</b> | 5.00 | µg/L  | MBH     |
| <b>189116-033</b>      | 448.7-33        | Faculty Dining S      |             |                  |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2     | 10/18/16    | <b>10.4</b>      | 5.00 | µg/L  | MBH     |
| <b>189116-034</b>      | 448.7-34        | Basement Office Lav S |             |                  |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2     | 10/18/16    | <b>6.80</b>      | 5.00 | µg/L  | MBH     |
| <b>189116-035</b>      | 448.7-35        | Rm 107 S              |             |                  |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2     | 10/18/16    | <b>8.47</b>      | 5.00 | µg/L  | MBH     |
| <b>189116-036</b>      | 448.7-36        | Bubbler B             |             |                  |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2     | 10/18/16    | <b>11.3</b>      | 5.00 | µg/L  | MBH     |
| <b>189116-037</b>      | 448.7-37        | Rm 111 S              |             |                  |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2     | 10/18/16    | <b>&lt; 5.00</b> | 5.00 | µg/L  | MBH     |
| <b>189116-038</b>      | 448.7-38        | Rm 111 Lav S          |             |                  |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2     | 10/18/16    | <b>&lt; 5.00</b> | 5.00 | µg/L  | MBH     |
| <b>189116-039</b>      | 448.7-39        | Across Rm 113 S       |             |                  |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2     | 10/18/16    | <b>6.67</b>      | 5.00 | µg/L  | MBH     |
| <b>189116-040</b>      | 448.7-40        | Rm 108 S              |             |                  |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2     | 10/18/16    | <b>11.0</b>      | 5.00 | µg/L  | MBH     |
| <b>189116-041</b>      | 448.7-41        | Edu Service Rm S      |             |                  |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2     | 10/18/16    | <b>6.78</b>      | 5.00 | µg/L  | MBH     |
| <b>189116-042</b>      | 448.7-42        | Rm 210 S              |             |                  |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2     | 10/18/16    | <b>33.0</b>      | 5.00 | µg/L  | MBH     |
| <b>189116-043</b>      | 448.7-43        | Rm 209 S              |             |                  |      |       |         |

\*Reporting Limit. All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. The test results reported relate only to the samples submitted. Values are reported to three significant figures. The signature above certifies that all results conform to the current NELAC standards unless otherwise noted.



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**PO Number:**

| Sample ID<br>Parameter | Cust. Sample ID | Location<br>Method | Sample Date | Result | RL*  | Units | Analyst |
|------------------------|-----------------|--------------------|-------------|--------|------|-------|---------|
| Lead                   |                 | EPA 200.9 Rev 2.2  | 10/18/16    | 61.3   | 25.0 | µg/L  | MBH     |
| <b>189116-044</b>      | 448.7-44        | Rm 211 S           |             |        |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2  | 10/18/16    | 30.2   | 5.00 | µg/L  | MBH     |
| <b>189116-045</b>      | 448.7-45        | Rm 211 S           |             |        |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2  | 10/18/16    | 20.5   | 5.00 | µg/L  | MBH     |
| <b>189116-046</b>      | 448.7-46        | Rm 208 S           |             |        |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2  | 10/18/16    | 16.0   | 5.00 | µg/L  | MBH     |
| <b>189116-047</b>      | 448.7-47        | Rm 207 S           |             |        |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2  | 10/18/16    | 176    | 50.0 | µg/L  | MBH     |
| <b>189116-048</b>      | 448.7-48        | Staff Men's Lav S  |             |        |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2  | 10/18/16    | 5.30   | 5.00 | µg/L  | MBH     |
| <b>189116-049</b>      | 448.7-49        | Staff Men's Lav S  |             |        |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2  | 10/18/16    | < 5.00 | 5.00 | µg/L  | MBH     |
| <b>189116-050</b>      | 448.7-50        | Staff Men's Lav S  |             |        |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2  | 10/18/16    | 40.0   | 5.00 | µg/L  | MBH     |
| <b>189116-051</b>      | 448.7-51        | Staff Ladies Lav S |             |        |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2  | 10/18/16    | < 5.00 | 5.00 | µg/L  | MBH     |
| <b>189116-052</b>      | 448.7-52        | Staff Ladies Lav S |             |        |      |       |         |
| Lead                   |                 | EPA 200.9 Rev 2.2  | 10/18/16    | 10.8   | 5.00 | µg/L  | MBH     |

189116-01/04/17 08:33 AM

*Abisola O Kasali*

Reviewed By: **Abisola Kasali**

Metals Supervisor

\*Reporting Limit. All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. The test results reported relate only to the samples submitted. Values are reported to three significant figures. The signature above certifies that all results conform to the current NELAC standards unless otherwise noted.



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## 1.5 Laboratory Certifications



## Department of Health

ANDREW M. CUOMO  
Governor

HOWARD A. ZUCKER, M.D., J.D.  
Commissioner

SALLY DRESLIN, M.S., R.N.  
Executive Deputy Commissioner

LAB ID: 11021

April 01, 2016

MR. FRANK E. EHRENFELD III  
INTERNATIONAL ASBESTOS TESTING LABS  
9000 COMMERCE PARKWAY  
SUITE B  
MT LAUREL, NJ 08054

Certificate Expiration Date:  
April 01, 2017

Dear Mr. Ehrenfeld Iii,

Enclosed are certificate(s) of approval issued to your environmental laboratory for the current permit year. The certificate(s) supersede(s) any previously issued one(s) and is(are) in effect through the expiration date listed. Please carefully examine the certificate(s) to insure that the categories, subcategories, analytes, and methods for which your laboratory is approved are correct. In addition, verify that your laboratory's name, address, lead technical director, and identification number are accurate.

Pursuant to NYCRR Subpart 55-2.2, original certificates must be posted conspicuously in the laboratory and copies shall be made available to any client of the laboratory upon request.

Pursuant to NYCRR Subpart 55-2.6, any misrepresentation of the fields of accreditation (category - method - analyte) for which your laboratory is approved may result in denial, suspension, or revocation of your certification. Any use of the Environmental Laboratory Approval Program (ELAP) or National Environmental Laboratory Accreditation Program (NELAP) name, reference to the laboratory's approval status, and/or using the NELAP logo in any catalogs, advertising, business solicitations, proposals, quotations, laboratory analytical reports, or other materials must include the laboratory's ELAP identification number and distinguish between testing for which the laboratory is approved and testing for which the laboratory is not approved.

If you have any questions, please contact ELAP at the New York State Department of Health (NYS DOH), Wadsworth Center, PO Box 509, Albany NY, 12201-0509; by phone at (518) 485-5570; by facsimile at (518) 485-5568; and by email at [elap@health.ny.gov](mailto:elap@health.ny.gov).

Sincerely,

Michael P. Ryan, M.T. (ASCP), Ph.D.  
Director, Division of Laboratory Quality Certification  
Environmental Laboratory Approval Program

NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER



Expires 12:01 AM April 01, 2017  
Issued April 01, 2016

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

*Issued in accordance with and pursuant to section 502 Public Health Law of New York State*

MR. FRANK E. EHRENFELD III  
INTERNATIONAL ASBESTOS TESTING LABS  
9000 COMMERCE PARKWAY SUITE B  
MOUNT LAUREL, NJ 08054

NY Lab Id No: 11021

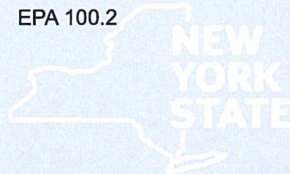
is hereby APPROVED as an Environmental Laboratory for the category  
ENVIRONMENTAL ANALYSES POTABLE WATER  
All approved subcategories and/or analytes are listed below:

**Metals I**

Lead, Total ASTM D3559-90, 96, 03 & 08 (D)

**Miscellaneous**

Asbestos EPA 100.1  
EPA 100.2



Department  
of Health

Serial No.: 54134

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER



Expires 12:01 AM April 01, 2017  
Issued April 01, 2016

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

*Issued in accordance with and pursuant to section 502 Public Health Law of New York State*

MR. FRANK E. EHRENFELD III  
INTERNATIONAL ASBESTOS TESTING LABS  
9000 COMMERCE PARKWAY SUITE B  
MOUNT LAUREL, NJ 08054

NY Lab Id No: 11021

*is hereby APPROVED as an Environmental Laboratory for the category  
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE  
All approved subcategories and/or analytes are listed below:*

**Characteristic Testing**

TCLP EPA 1311

**Metals I**

Lead, Total EPA 7000B

**Miscellaneous**

|                                      |                                           |
|--------------------------------------|-------------------------------------------|
| Asbestos in Friable Material         | Item 198.1 of Manual<br>EPA 600/M4/82/020 |
| Asbestos in Non-Friable Material-PLM | Item 198.6 of Manual (NOB by PLM)         |
| Asbestos in Non-Friable Material-TEM | Item 198.4 of Manual                      |
| Lead in Dust Wipes                   | EPA 7000B                                 |
| Lead in Paint                        | EPA 7000B                                 |

**Sample Preparation Methods**

EPA 3050B

Serial No.: 54135

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NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER



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MR. FRANK E. EHRENFELD III  
INTERNATIONAL ASBESTOS TESTING LABS  
9000 COMMERCE PARKWAY SUITE B  
MOUNT LAUREL, NJ 08054

NY Lab Id No: 11021

*is hereby APPROVED as an Environmental Laboratory for the category  
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS  
All approved subcategories and/or analytes are listed below:*

**Metals I**

Lead, Total NIOSH 7082

**Miscellaneous**

Asbestos 40 CFR 763 APXA No. III

NIOSH 7402

**Fibers**

NIOSH 7400 A RULES

NEW  
YORK  
STATE

Department  
of Health

Serial No.: 54136

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## 1.6 Chains of Custody



## Chain of Custody Document

Submitted to: (Lab Name) \_\_\_\_\_

ENVIRONMENTAL CONSULTANTS - A MEMBER OF THE STOHL GROUP OF COMPANIES  
4169 ALLENDALE PKWY. BUFFALO, NEW YORK 14219  
(716) 312-0070 (716) 312-8092  
www.stohlenvironmental.com

STOHL Job # 2016L-448

Client: North Tonawanda CSD

Contact: Mark Rampado

Building: Gilmore Building

Location: 175 Gilmore Street

### LEAD

Water by AAS-GF: ASTM D3559-03D, US EPA 200.9 X

Turnaround

5 Days

| Sample #     | Location              | Outlet Type | Time | Cooler Model | Lab ID | Results |
|--------------|-----------------------|-------------|------|--------------|--------|---------|
| 448.7-1 WMF  | 0                     | 0           | 0:00 | 0            |        |         |
| 448.7-2 WMTC | 0                     | 0           | 0:00 | 0            |        |         |
| 448.7-3      | Boys RM               | S           | 5:35 | 0            |        |         |
| 448.7-4      | Boys RM               | S           | 5:35 | 0            |        |         |
| 448.7-5      | Drinking Fountain     | DF          | 5:35 | 0            |        |         |
| 448.7-6      | Girls RM              | S           | 5:40 | 0            |        |         |
| 448.7-7      | Girls RM              | S           | 5:40 | 0            |        |         |
| 448.7-8      | Girls RM              | S           | 5:41 | 0            |        |         |
| 448.7-9      | Drinking Fountain     | DF          | 5:42 | 0            |        |         |
| 448.7-10     | Caf drinking fountain | DF          | 5:43 | 0            |        |         |
| 448.7-11     | Caf Drinking Fountain | DF          | 5:44 | 0            |        |         |
| 448.7-12     | Boys Lav              | S           | 5:45 | 0            |        |         |
| 448.7-13     | Boys Lav              | S           | 5:46 | 0            |        |         |
| 448.7-14     | Girls Lav             | S           | 5:46 | 0            |        |         |
| 448.7-15     | Staff Lav             | S           | 5:47 | 0            |        |         |
| 448.7-16     | Staff Lav             | S           | 5:48 | 0            |        |         |
| 448.7-17     | Staff Lav             | S           | 5:49 | 0            |        |         |
| 448.7-18     | RM 104 lav            | S           | 5:50 | 0            |        |         |

### Notes:

Please e-mail lab results to labs@stohlenv.com

☐ If checked, also e-mail results to: \_\_\_\_\_

Sampled By: Pete Zaffram Print Name Stohl Env: Pete Zaffram Date: 10/18/2016

Relinquished By: Eric Henderson Jr. Print Name Stohl Env: Eric Henderson Jr. Date: 10/18/2016

Received (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Sample Login (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Analysis (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

QA/QC Review (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Archived / Released: \_\_\_\_\_ QA/QC InterLAB Use: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_



## Chain of Custody Document

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www.stohlenvironmental.com

Submitted to: (Lab Name) 0

STOHL Job # 2016L-448

Client: North Tonawanda CSD

Contact: Mark Rampado

Building: Gilmore Building

Location: 175 Gilmore Street

### LEAD

Water by AAS-GF: ASTM D3559-03D, US EPA 200.9 X

Turnaround

5 Days

| Sample # | Location            | Outlet Type | Time | Cooler Model | Lab ID | Results |
|----------|---------------------|-------------|------|--------------|--------|---------|
| 448.7-19 | Girls Locker RM     | B           | 5:50 | 0            |        |         |
| 448.7-20 | Girls Locker RM     | S           | 5:51 | 0            |        |         |
| 448.7-21 | Girls Locker RM     | S           | 5:51 | 0            |        |         |
| 448.7-22 | Boys Locker RM      | S           | 5:52 | 0            |        |         |
| 448.7-23 | Boys Locker RM      | S           | 5:52 | 0            |        |         |
| 448.7-24 | RM 102              | S           | 5:52 | 0            |        |         |
| 448.7-25 | Kitchen             | S           | 0:00 | 0            |        |         |
| 448.7-26 | Kitchen             | S           | 0:00 | 0            |        |         |
| 448.7-27 | Kitchen             | SK          | 0:00 | 0            |        |         |
| 448.7-28 | Kitchen             | S           | 0:00 | 0            |        |         |
| 448.7-29 | Kitchen             | S           | 0:00 | 0            |        |         |
| 448.7-30 | Kitchen             | S           | 0:00 | 0            |        |         |
| 448.7-31 | Kitchen             | S           | 0:00 | 0            |        |         |
| 448.7-32 | Art RM              | S           | 0:00 | 0            |        |         |
| 448.7-33 | Faculty Dining      | S           | 0:00 | 0            |        |         |
| 448.7-34 | Basement office Lav | S           | 0:00 | 0            |        |         |
| 448.7-35 | RM 107              | S           | 0:00 | 0            |        |         |
| 448.7-36 | Bubbler             | B           | 0:00 | 0            |        |         |

### Notes:

Please e-mail lab results to labs@stohlenv.com \_\_\_\_\_

Sampled By: Pete Zaffram Print Name Stohl Env: Pete Zaffram Date: 10/18/2016

Relinquished By: Eric Henderson Jr. Print Name Stohl Env: Eric Henderson Jr. Date: 10/18/2016

Received (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Sample Login (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Analysis (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

QA/QC Review (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Archived / Released: \_\_\_\_\_ QA/QC InterLAB Use: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_



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www.stohlenvironmental.com

Submitted to: (Lab Name) 0

STOHL Job # 2016L-448

Client: North Tonawanda CSD

Contact: Mark Rampado

Building: Gilmore Building

Location: 175 Gilmore Street

### LEAD

Water by AAS-GF: ASTM D3559-03D, US EPA 200.9 X

Turnaround

5 Days

| Sample # | Location         | Outlet Type | Time | Cooler Model | Lab ID | Results |
|----------|------------------|-------------|------|--------------|--------|---------|
| 448.7-37 | RM 111           | S           | 0:00 | 0            |        |         |
| 448.7-38 | RM 111 Lav       | S           | 0:00 | 0            |        |         |
| 448.7-39 | Across RM 113    | S           | 0:00 | 0            |        |         |
| 448.7-40 | RM 108           | S           | 0:00 | 0            |        |         |
| 448.7-41 | Edu. Service. RM | S           | 0:00 | 0            |        |         |
| 448.7-42 | RM 210           | S           | 0:00 | 0            |        |         |
| 448.7-43 | RM 209           | S           | 0:00 | 0            |        |         |
| 448.7-44 | RM 211           | S           | 0:00 | 0            |        |         |
| 448.7-45 | RM 211           | S           | 0:00 | 0            |        |         |
| 448.7-46 | RM 208           | S           | 0:00 | 0            |        |         |
| 448.7-47 | RM 207           | S           | 0:00 | 0            |        |         |
| 448.7-48 | Staff Men's Lav  | S           | 0:00 | 0            |        |         |
| 448.7-49 | Staff Men's Lav  | S           | 0:00 | 0            |        |         |
| 448.7-50 | Staff Men's Lav  | S           | 0:00 | 0            |        |         |
| 448.7-51 | Staff Ladies Lav | S           | 0:00 | 0            |        |         |
| 448.7-52 | Staff Ladies Lav | S           | 0:00 | 0            |        |         |
|          |                  |             |      | 0            |        |         |
|          |                  |             |      | 0            |        |         |

### Notes:

Please e-mail lab results to labs@stohlenv.com

Sampled By: Pete Zaffram Print Name Stohl Env: Pete Zaffram Date: 10/18/2016

Relinquished By: Eric Henderson Jr. Print Name Stohl Env: Eric Henderson Jr. Date: 10/18/2016

Received (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Sample Login (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Analysis (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

QA/QC Review (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Archived / Released: \_\_\_\_\_ QA/QC InterLAB Use: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_





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1.7 Photo documentation of Outlets Above Action Level for rooms where there are multiple outlets

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1.7 Photo Documentation of Outlets Above Action Level Where Multiple Outlets Were Present



Figure 1: Sample No. 448-7-31 (Kitchen sink)