



**Accredited Environmental Technologies, Inc.**

**LEAD IN DRINKING WATER TESTING REPORT**

**DOWNTOWN MIDDLE SCHOOL  
10 WASHINGTON PLACE NEWARK, NEW JERSEY 07103**

**Testing Conducted By:**      **Accredited Environmental Technologies,  
Inc.**

**Client:**                      **Uncommon Schools  
826 Broadway, 9<sup>th</sup> Floor  
New York, NY 10003**

**Contact:**                    **Mr. Sabin Ciocan  
Associate Director of Real Estate & Facilities**

**AET Project #:**            **4-17-11971**

**Date of Testing:**           **April 12, 2017, 2017 (Initial)  
April 23, 2017 (Flush – 5 minute)  
April 30, 2017 (Flush – 30 second)**

**Date of Report:**           **June 8, 2017 – Draft  
October 2, 2017 – Final**

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# Accredited Environmental Technologies, Inc.

## EXECUTIVE SUMMARY

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In April 2017, Accredited Environmental Technologies, Inc. (AET) was contracted by Uncommon Schools ("Client") to conduct lead in drinking water testing at 7 designated school buildings. Sample locations were collected from all accessible drinking water outlets (water fountains, sinks, coffee water lines, showers, exterior spigots and specialty taps) located within each school. AET's services were performed in accordance with AET's Proposal #9379 dated 3/29/17.

This report documents the results of drinking water testing conducted at Downtown Middle School in accordance with EPA's Lead Safe Drinking Water Standards (3T's for reducing lead in drinking water in schools) and NJAC 6A:26-1.2 and 12.4. Testing was conducted on 4/12/17 at 30 outlets (see attached Table 1) designated by the client or clients representative. Sampling was conducted on 30 designated testing locations, encompassing all potable water outlets, for first draw samples (second draw samples were collected when required when lead in drinking water exceeded EPA Guidance >15ppb). Samples were collected utilizing 250ml plastic bottles and transported directly to EMSL Analytical in Cinnaminson, New Jersey. Samples were analyzed by EPA Method 200.9. This report includes both the initial testing data and subsequent 5-minute and 30 second flush sampling performed after implementation of corrective measures. Samples were analyzed by EMSL Analytical.

**Water Sourcing:** Water sourcing can be found in the supplemental plumbing profile for the Downtown School.

## CONCLUSION

Based on the sampling performed within the 30 testing locations, drinking water results were below the EPA Lead Safe Drinking Water action limit of 15 ppb, in all but 8 outlets. Lead concentrations from the tested water outlets (which were below 15 ppb) ranged from <3.00 ppb to 14.4 ppb. Of the 30 tested locations 20 outlets were reported as none detect or below the laboratories detection limit. Flush sampling was conducted 4/23/17 & 4/30/17, results from the testing ranged from below the analytical detection limit to 8.88 ppb. Corrective measures and recommendations can be found within Appendix A (sampling data form and recommendations) of this report.

**Restrictions/Limitations:** Drinking water sampling was performed at previously identified Client locations. Sampling was performed within the 8-48 hour window of inactivity. AET was met at each school facility by a member of the maintenance staff who identified specific outlets for testing. All samples collected were first draw samples in accordance with the Lead-Safe Drinking Water Standard. No aerators, screens, filters were removed prior to or during sampling.

Lead testing results are representative of conditions including frequency of use of drinking water outlets at the time of testing (snapshot in time). Infrequent use or prolonged contact time of water in the piping system (where lead is present) can result in higher lead levels.

# Accredited Environmental Technologies, Inc.

## METHODS

Lead in Drinking Water Testing was conducted in accordance with EPA's Lead Safe Drinking Water Standards and in accordance with NJAC 6A:26-1.2 and 12.4. Samples collected were both first draw samples per the EPA Lead in Drinking Water in Schools Standard, 5-minute and 30 second flush sampling. Samples were collected from the cold water outlet after drinking water was static in the plumbing system for at least 8 hours but no more than 48 hours. Samples were collected during non-occupancy of the school. Aerators were not removed from the outlet fixtures prior to testing.

Each sample was collected utilizing a 250ml plastic bottle. Water samples obtained were filled to the bottles shoulder and were individually capped for laboratory transport. Documentation for each sample and sample location was maintained on a Lead Sampling Log including the following information:

- School Name
- Sample Type (First Draw or Flush)
- Collection Date and Time
- Sample Location/Outlet with Assigned Sample Number

Samples were directly transported to EMSL Analytical in Cinnaminson, NJ. Samples were analyzed by EPA Method 200.9.

## STANDARDS

The EPA's Lead Safe Drinking Water Standard (3T's for Reducing Lead in Drinking Water in Schools) was designed to protect public health within school buildings by implementing testing procedures to document lead levels within drinking water. Standards were developed to ascertain potential corrosion of plumbing materials, which can contain lead, and to determine the extent of lead concentrations within the water distribution system.

Materials which may be present within the water distribution system may include but are not limited to; lead-based solder, brass and chrome-plated faucets (not designated as lead free), and lead piping connected from the main to the buildings water system. In 1986, Congress banned the use of lead solder containing greater than 0.2% lead and restricted the lead content in faucets, pipes, and other plumbing materials to 8.0%. The EPA's Lead Safe Drinking Water Standards are a component of the EPA Safe Drinking Water Act (40 CFR Part 141) which established an action limit of 15 ppb for lead.

The EPA has developed a process for reducing lead in drinking water in schools. This program requires schools to implement simple strategies for managing health risks of lead in school drinking water including:

- **Training** to identify potential sources of lead in the facilities and establish a testing plan.
- **Testing** to monitor school drinking water for elevated lead levels and take corrective actions (where necessary)
- **Telling** to communicate student, parents, and staff testing results and remediation actions taken.

# Accredited Environmental Technologies, Inc.

The EPA 3T Program recommends a two-step sampling process to identify lead concentrations in drinking water within schools.

- **Step 1** - Initial first draw sampling of cold water outlets, designated for consumption.
- **Step 2**- Follow-up flush sampling of cold water outlets where initial sampling results exceed 15 ppb. Flush samples are utilized to determine if the lead concentrations found are from the fixture or from the interior feed piping. Flush samples are collected from the outlet after the water has run for 30 seconds.

## **RECOMMENDED INTERIM CONTROLS –LEAD IN WATER LEVELS BELOW 15ppb**

AET recommends the following procedures be followed where lead levels have been documented within school drinking water outlets in order to maintain lead levels below 15ppb.

1. Establishment of a water outlet cleaning maintenance schedule to include but not limited to the following;
  - Installation of aerators (screening) on water outlets designated for consumption.
  - Establishment of a cleaning schedule for newly installed aerators and previously installed aerators.
  - Implementation of follow-up water testing on serviced or repaired water outlets designated for consumption. Follow-up testing should be conducted prior to reestablishment of the source as a consumable water source.
2. Use only cold water for food and beverage preparation. If hot water is needed, it should be taken from the cold water tap and heated in the stove or microwave oven.
3. Purging of consumable water sources prior to ingestion. In given cases staffing and control documents can be provided to instruct proper procedures to reduce lead concentrations within static piping.
4. Documentation on bathroom walls that water should not be consumed.

## **INTERIM CONTROLS – LEAD IN WATER LEVELS ABOVE 15ppb**

### **For Informational Purposes Only**

Stop gap measures where interim control measures must be implemented in order to reduce lead in drinking water exceeds 15ppb are as follows:

1. Flushing of the piping system in the affected areas prior to student attendance each morning. Documentation of the effectiveness of purging the water system within elevated lead in water areas must be documented.
2. Designation of water source(s) as not for consumption and provisions of bottle water to be supplied until repair or replacement of components can be conducted.
3. Removal of water source from the system and its entirety.

# Accredited Environmental Technologies, Inc.

## NJAC 6A:26-1.2 and 12.4 - Testing for lead in drinking water – All Educational Facilities

Based on possible exposure to lead contaminated drinking water and its potential to pose serious health problems, particularly in children, staff and school personnel, the State of New Jersey has adopted special amendments for the testing of lead in drinking water for all educational facilities. These special amendments require districts to sample and analyze all drinking water in their educational facilities within 365 days of the effective date of July 13, 2017. Testing is to be conducted in accordance with a defined lead sampling plan developed by the school district and within the requirements of the adopted amendments and the DEP. The guidance documents provided by the DEP listed as the 3 T's "EPA's Lead Safe Drinking Water Standard" and the State of New Jersey shall guide the sampling protocol and sampling plan.

Other provisions under the special amendments include requirements for disclosure and making sampling results publicly available to parents or guardians of school children attending the facility and the department. Districts are also required to conduct lead testing of all drinking water outlets at least every 6 years following the initial testing as well as after plumbing renovations which may impact leaded components within the plumbing system.

Reimbursement of the costs can be retrieved from the department under the guise that the district provides a reimbursement application which is located on the department's website. This reimbursement applies to both public and non public schools so long as the testing complies with state and federal requirements.



| Appendix A (Sampling Data Form and Recommendations) |                     |                       |                   |                |             |              |      |
|---|---------------------|-----------------------|-------------------|----------------|-------------|--------------|------|
| School Name   | Address             | Sample #              | Location          | Initial Result | Sinin Flush | 30 sec Flush | Rec. |
| Downtown Middle School                              | 10 Washington Place | 1 1971-DMS-A200 WF001 | Hallway Rm 200    | <3.00 ppb      |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A205 5018   | Boys Bath Rm A205 | 11.0 ppb       |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A205 5019   | Boys Bath Rm A205 | 29.7 ppb       | <3.00 ppb   | 5.83 ppb     | 2    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A205 S020   | Boys Bath Rm A205 | 36.5 ppb       | <3.00 ppb   | 5.19 ppb     | 2    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A205 5021   | Boys Bath Rm A205 | 39.3 ppb       | <3.00 ppb   | 4.07 ppb     | 2    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A300 WF002  | Hallway Rm 300    | <3.00 ppb      |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A300 WF003  | Hallway Rm 300    | <3.00 ppb      |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A301 5022   | Lounge A301       | 14.2 ppb       |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A303 S025   | Girls Bath A303   | <3.00 ppb      |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A303 S028   | Girls Bath A303   | <3.00 ppb      |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A304 S026   | Boys Bath A304    | <3.00 ppb      |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A304 5027   | Boys Bath A304    | <3.00 ppb      |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A302 S023   | A302              | <3.00 ppb      |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A306 SWL001 | Office A306       | <3.0 ppb       |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A309B S024  | Staff Bath A309B  | 31.4 ppb       | <3.00 ppb   | <3.00 ppb    | 2    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A309 S029   | A309              | <3.00 ppb      |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A309 CWL002 | A309              | <3.00 ppb      |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A108 S006   | Kitchen A108      | 59.8 ppb       | <3.00 ppb   | 3.43 ppb     | 2    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A108 S007   | Kitchen A108      | 51.3 ppb       | <3.00 ppb   | <3.00 ppb    | 2    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A106 5008   | Girls Bath A106   | 8.43 ppb       |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A106 5009   | Girls Bath A106   | 294 ppb        | <3.00 ppb   | 3.58 ppb     | 2    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A106 S010   | Girls Bath A106   | 8.10 ppb       |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A106 S011   | Girls Bath A106   | 5.46 ppb       |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A104 S012   | Boys Bath A104    | 13.1 ppb       |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A103 S013   | Girls Bath A103   | <3.00 ppb      |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A100 WF004  | Hallway A100      | <3.00 ppb      |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A206 5014   | Girls Bath A206   | 13.0 ppb       |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A206 S015   | Girls Bath A206   | 13.2 ppb       |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A206 S016   | Girls Bath A206   | 24.7 ppb       | 9.05 ppb    | 8.88 ppb     | 2    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A206-S017   | Girls Bath A206   | 14.4 ppb       |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A107 S001   | Boys Bath         | 6.11 ppb       |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A107 S002   | Boys Bath         | 15.7 ppb       |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A107 5003   | Boys Bath         | 6.95 ppb       |             |              | 4    |
| Downtown Middle School                              | 10 Washington Place | 11971-DMS-A107 S004   | Boys Bath         | 11.0 ppb       |             |              | 4    |

Recommendation Codes

- 1 - Replace
- 2 - Flush before use
- 3 - Other
- 4 - No necessary response action

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 786-5974

<http://www.EMSL.com>[cinnaminsonleadlab@emsl.com](mailto:cinnaminsonleadlab@emsl.com)

EMSL Order: 201703392

CustomerID: ACCR50

CustomerPO:

ProjectID:

Attn: **Eric Sutherland**  
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**28 North Pennell Road**  
**Media, PA 19063**

Phone: (610) 891-0114  
Fax: (610) 891-0559  
Received: 04/13/17 3:50 PM  
Collected:

Project: 11971

**Test Report: Lead in Water by Furnace AAS (EPA 200.9)**

| Client Sample Description | Lab ID                   | Collected | Analyzed  | Lead Concentration |
|---------------------------|--------------------------|-----------|-----------|--------------------|
| A200 WF001                | 201703392-0001           |           | 4/14/2017 | <3.00 ppb          |
|                           | Site: Hallway Rm 200     |           |           |                    |
| A205 S018                 | 201703392-0002           |           | 4/14/2017 | 11.0 ppb           |
|                           | Site: Boys Bath Rm A 205 |           |           |                    |
| A205 S019                 | 201703392-0003           |           | 4/14/2017 | 29.7 ppb           |
|                           | Site: Boys Bath Rm A 205 |           |           |                    |
| A205 S020                 | 201703392-0004           |           | 4/14/2017 | 36.5 ppb           |
|                           | Site: Boys Bath Rm A 205 |           |           |                    |
| A205 S021                 | 201703392-0005           |           | 4/14/2017 | 39.3 ppb           |
|                           | Site: Boys Bath Rm A 205 |           |           |                    |
| A300 WF002                | 201703392-0006           |           | 4/14/2017 | <3.00 ppb          |
|                           | Site: Hallway Rm 300     |           |           |                    |
| A300 WF003                | 201703392-0007           |           | 4/14/2017 | <3.00 ppb          |
|                           | Site: Hallway Rm 300     |           |           |                    |
| A301 S022                 | 201703392-0008           |           | 4/14/2017 | 14.2 ppb           |
|                           | Site: Lounge A301        |           |           |                    |
| A303 S025                 | 201703392-0009           |           | 4/14/2017 | <3.00 ppb          |
|                           | Site: Girls Bath A303    |           |           |                    |
| A303 S028                 | 201703392-0010           |           | 4/14/2017 | <3.00 ppb          |
|                           | Site: Girls Bath A303    |           |           |                    |
| A304 S026                 | 201703392-0011           |           | 4/14/2017 | <3.00 ppb          |
|                           | Site: Boys Bath A304     |           |           |                    |
| A304 S027                 | 201703392-0012           |           | 4/14/2017 | <3.00 ppb          |
|                           | Site: Boys Bath A304     |           |           |                    |
| A302 S023                 | 201703392-0013           |           | 4/14/2017 | <3.00 ppb          |
|                           | Site: A302               |           |           |                    |
| A306 CWL001               | 201703392-0014           |           | 4/14/2017 | <3.00 ppb          |
|                           | Site: Office A306        |           |           |                    |
| A309B S024                | 201703392-0015           |           | 4/14/2017 | 31.4 ppb           |
|                           | Site: Staff Bath A309B   |           |           |                    |

Phillip Worby, Lead Laboratory Manager  
or other approved signatory

The test results contained within this report meet the requirements of NELAP unless otherwise noted. This report relates only to those items tested. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NJ-NELAP 03036

Initial report from 04/20/2017 12:23:33



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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EMSL Order: 201703392

CustomerID: ACCR50

CustomerPO:

ProjectID:

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Phone: (610) 891-0114  
Fax: (610) 891-0559  
Received: 04/13/17 3:50 PM  
Collected:

Project: 11971

**Test Report: Lead in Water by Furnace AAS (EPA 200.9)**

| <i>Client Sample Description</i> | <i>Lab ID</i>         | <i>Collected</i> | <i>Analyzed</i> | <i>Lead Concentration</i> |
|----------------------------------|-----------------------|------------------|-----------------|---------------------------|
| A309 S029                        | 201703392-0016        | 4/14/2017        |                 | <3.00 ppb                 |
|                                  | Site: A309            |                  |                 |                           |
| A309 CWL002                      | 201703392-0017        | 4/14/2017        |                 | <3.00 ppb                 |
|                                  | Site: A309            |                  |                 |                           |
| A108 S006                        | 201703392-0018        | 4/17/2017        |                 | 59.8 ppb                  |
|                                  | Site: Kitchen A108    |                  |                 |                           |
| A108 S007                        | 201703392-0019        | 4/17/2017        |                 | 51.3 ppb                  |
|                                  | Site: Kitchen A108    |                  |                 |                           |
| A106 S008                        | 201703392-0020        | 4/14/2017        |                 | 8.43 ppb                  |
|                                  | Site: Girls Bath A106 |                  |                 |                           |
| A106 S009                        | 201703392-0021        | 4/17/2017        |                 | 294 ppb                   |
|                                  | Site: Girls Bath A106 |                  |                 |                           |
| A106 S010                        | 201703392-0022        | 4/14/2017        |                 | 8.10 ppb                  |
|                                  | Site: Girls Bath A106 |                  |                 |                           |
| A106 S011                        | 201703392-0023        | 4/18/2017        |                 | 5.46 ppb                  |
|                                  | Site: Girls Bath A106 |                  |                 |                           |
| A104 S012                        | 201703392-0024        | 4/18/2017        |                 | 13.1 ppb                  |
|                                  | Site: Boys Bath A104  |                  |                 |                           |
| A103 S013                        | 201703392-0025        | 4/18/2017        |                 | <3.00 ppb                 |
|                                  | Site: Girls Bath A103 |                  |                 |                           |
| A100 WF004                       | 201703392-0026        | 4/18/2017        |                 | <3.00 ppb                 |
|                                  | Site: Hallway A100    |                  |                 |                           |
| A206 S014                        | 201703392-0027        | 4/18/2017        |                 | 13.0 ppb                  |
|                                  | Site: Girls Bath A206 |                  |                 |                           |
| A206 S015                        | 201703392-0028        | 4/18/2017        |                 | 13.2 ppb                  |
|                                  | Site: Girls Bath A206 |                  |                 |                           |
| A206 S016                        | 201703392-0029        | 4/18/2017        |                 | 24.7 ppb                  |
|                                  | Site: Girls Bath A206 |                  |                 |                           |
| A206 S017                        | 201703392-0030        | 4/18/2017        |                 | 14.4 ppb                  |
|                                  | Site: Girls Bath A206 |                  |                 |                           |

Phillip Worby, Lead Laboratory Manager  
or other approved signatory

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Initial report from 04/20/2017 12:23:33



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Received: 04/24/17 9:00 AM  
Collected: 4/23/2017

Project: 11971 / 10 Washington PL.

**Test Report: Lead in Water by Furnace AAS (EPA 200.9)**

| <i>Client Sample Description</i>              | <i>Lab ID</i>  | <i>Collected</i> | <i>Analyzed</i> | <i>Lead Concentration</i> |
|---|----------------|------------------|-----------------|---------------------------|
| DMS-A205-S019                                 | 201703847-0001 | 4/23/2017        | 4/26/2017       | <3.00 ppb                 |
| Site: DMS- 10 Washington PL 2nd FL Boy's Room |                |                  |                 |                           |
| DMS-A205-S020                                 | 201703847-0002 | 4/23/2017        | 4/26/2017       | <3.00 ppb                 |
| Site: DMS- 10 Washington PL 2nd FL Boy's Room |                |                  |                 |                           |
| DMS-A205-S021                                 | 201703847-0003 | 4/23/2017        | 4/26/2017       | <3.00 ppb                 |
| Site: DMS- 10 Washington PL 2nd FL Boy's Room |                |                  |                 |                           |
| DMS-A107-S001                                 | 201703847-0004 | 4/23/2017        | 4/26/2017       | 6.11 ppb                  |
| Site: DMS- 10 Washington PL Boy's Room        |                |                  |                 |                           |
| DMS-A107-S002                                 | 201703847-0005 | 4/23/2017        | 4/26/2017       | 15.7 ppb                  |
| Site: DMS- 10 Washington PL Boy's Room        |                |                  |                 |                           |
| DMS-A107-S003                                 | 201703847-0006 | 4/23/2017        | 4/26/2017       | 6.95 ppb                  |
| Site: DMS- 10 Washington PL Boy's Room        |                |                  |                 |                           |
| DMS-A107-S004                                 | 201703847-0007 | 4/23/2017        | 4/26/2017       | 11.0 ppb                  |
| Site: DMS- 10 Washington PL Boy's Room        |                |                  |                 |                           |
| DMS-A309B-S024                                | 201703847-0008 | 4/23/2017        | 4/26/2017       | <3.00 ppb                 |
| Site: DMS- 10 Washington PL Nurse             |                |                  |                 |                           |

Phillip Worby, Lead Laboratory Manager  
or other approved signatory

The test results contained within this report meet the requirements of NELAP unless otherwise noted. This report relates only to those items tested. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NJ-NELAP 03036

Initial report from 05/01/2017 09:34:32

**EMSL Analytical, Inc.**

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Fax: (610) 891-0559  
Received: 04/24/17 9:00 AM  
Collected: 4/23/2017

Project: 11971 / 10 Washington PL

**Test Report: Lead in Water by Furnace AAS (EPA 200.9)**

| <i>Client Sample Description</i> | <i>Lab ID</i>                           | <i>Collected</i> | <i>Analyzed</i> | <i>Lead Concentration</i> |
|----------------------------------|---|------------------|-----------------|---------------------------|
| DMS-A108-S006                    | 201703816-0001                          | 4/23/2017        | 4/24/2017       | <3.00 ppb                 |
|                                  | Site: DMS-10 Washington PL- Kitchen     |                  |                 |                           |
| DMS-A108-S007                    | 201703816-0002                          | 4/23/2017        | 4/24/2017       | <3.00 ppb                 |
|                                  | Site: DMS-10 Washington PL- Kitchen     |                  |                 |                           |
| DMS-A106-S009                    | 201703816-0003                          | 4/23/2017        | 4/24/2017       | <3.00 ppb                 |
|                                  | Site: DMS-10 Washington PL- Girl's Room |                  |                 |                           |
| DMS-A206-S016                    | 201703816-0004                          | 4/23/2017        | 4/24/2017       | 9.05 ppb                  |
|                                  | Site: DMS-10 Washington PL- Girl's Room |                  |                 |                           |

Phillip Worby, Lead Laboratory Manager  
or other approved signatory

The test results contained within this report meet the requirements of NELAP unless otherwise noted. This report relates only to those items tested. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NJ-NELAP 03036

Initial report from 04/25/2017 13:51:38

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 786-5974

<http://www.EMSL.com>[cinnaminsonleadlab@emsl.com](mailto:cinnaminsonleadlab@emsl.com)

EMSL Order: 201704070

CustomerID: ACCR50

CustomerPO:

ProjectID:

Attn: **Eric Sutherland**  
**Accredited Environmental Tech (AET)**  
**28 North Pennell Road**  
**Media, PA 19063**

Phone: (610) 891-0114  
Fax: (610) 891-0559  
Received: 05/01/17 9:00 AM  
Collected:

Project: 11971 / DMS

**Test Report: Lead in Water by Furnace AAS (EPA 200.9)**

| <i>Client Sample Description</i> | <i>Lab ID</i>                           | <i>Collected</i> | <i>Analyzed</i> | <i>Lead Concentration</i> |
|----------------------------------|---|------------------|-----------------|---------------------------|
| DMS-A205-S019                    | 201704070-0001<br>Site: Boy's Rm.       | 5/1/2017         |                 | 5.83 ppb                  |
| DMS-A205-S20                     | 201704070-0002<br>Site: Boy's Rm.       | 5/1/2017         |                 | 5.19 ppb                  |
| DMS-A205-S21                     | 201704070-0003<br>Site: Boy's Rm.       | 5/1/2017         |                 | 4.17 ppb                  |
| DMS-A206-S016                    | 201704070-0004<br>Site: Girl's Rm.      | 5/1/2017         |                 | 8.88 ppb                  |
| DMS-A108-S006                    | 201704070-0005<br>Site: Kitchen         | 5/1/2017         |                 | 3.43 ppb                  |
| DMS-A108-S007                    | 201704070-0006<br>Site: Kitchen         | 5/1/2017         |                 | <3.00 ppb                 |
| DMS-A106-S009                    | 201704070-0007<br>Site: Girl's rest Rm. | 5/1/2017         |                 | 3.58 ppb                  |
| DMS-A309B-S024                   | 201704070-0008<br>Site: Nurse's Office  | 5/1/2017         |                 | <3.00 ppb                 |

Phillip Worby, Lead Laboratory Manager  
or other approved signatory

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Initial report from 05/08/2017 13:16:22