RETEST OF
LEAD IN DRINKING WATER SAMPLING

of

Pittsburgh Public Schools

Survey Dates: February 26 – August 17, 2019

Prepared for:
Pittsburgh Public Schools
Facilities
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Pittsburgh, Pennsylvania 15203

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TABLE OF CONTENTS

1. INTRODUCTION ..................................................................................................................... 1
2. SAMPLING METHODOLOGY ................................................................................................. 1
3. DRINKING WATER RETEST RESULTS AND DISCUSSION.................................................. 1
4. BUILDING SUMMARY OF NUMBERS OF FIXTURES AND WATER SAMPLES ................. 7
5. RECOMMENDATIONS............................................................................................................ 9

REPORT DISCLAIMER: ............................................................................................................... 9

APPENDICES:

- APPENDIX A  DRINKING WATER TEST RESULTS TABLES
- APPENDIX B  LABORATORY RESULTS
- APPENDIX C  RETEST MAPS
1. **INTRODUCTION**

Skelly and Loy, Inc. was retained by the Pittsburgh Public School (PPS) District to conduct testing for the presence of lead in drinking water and follow up retesting of any faucets that exceeded the EPA Drinking Water Action Level of 15 parts per billion (ppb).

The additional retesting was conducted at 19 of the 33 school buildings from February 26 through August 17, 2019. The objective of the water sample retesting was to verify if proper corrective actions, such as replacing faucet aerators or total faucet replacement was successful in reducing the lead concentrations in the affected faucet. For our scope, drinking water and cooking fixtures were defined as classroom faucets; home economic faucets; kitchen faucets; cafeteria faucets; nurse’s office sink faucets; office sink faucets; teacher’s lounge sinks; and miscellaneous faucets.

In addition to the retesting of faucets indicating elevated lead levels, water samples were collected from newly installed filtered water fountain/bottle filling stations with lead filters. 71 water samples were collected from 19 school buildings where the new filtered water fountains were installed. All water samples results collected from these filtered water fountains indicated a level of less than 15.0 ppb.

2. **SAMPLING METHODOLOGY**

Retest water samples were collected, delivered, and analyzed according to the Environmental Protection Agency’s (EPA’s) “Lead in Drinking Water in Schools and Non-Residential Buildings, EPA 812-B-94-002,” April 1994 and “3Ts for Reducing Lead in Drinking Water in Schools: Revised Technical Guidance,” October 2018. The Pennsylvania Public School Code, Act 39 - Section 742 as amended on June 22, 2018 states that the lead levels in drinking water should not exceed the EPA’s National Primary Drinking Water Regulations, Action Level for lead, currently 15 parts per billion (ppb). The purpose of this water sampling effort is to help minimize exposure to school students and staff to lead in drinking water at PPS facilities.

All water samples were collected in 250 mL plastic containers that were prepackaged by the analytical laboratory. At each water sample location, the first draw water sample was collected after the water in the plumbing lines had been standing in the plumbing system for greater than eight (8) hours, but less than eighteen (18) hours. Each school building’s water system was used the evening before the first-draw samples to follow the 3Ts water sampling protocols.

Where previous second draw samples indicated elevated lead levels, a second draw water sample was collected after the water in the system was discharged for 30 seconds, after the first draw sample. This is called a purged-line or flushed sample. This water sample will show the lead content of water that has not been in contact with the fixture for an extended time.

All samples were analyzed for lead content by R.J. Lee, Inc., 350 Hochberg Road, Monroeville, Pennsylvania using EPA method 200.8 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS).” R.J. Lee is an independent Pennsylvania (PA) laboratory certified for drinking water analysis.
3. LEAD IN DRINKING WATER RESULTS AND DISCUSSION

Analytic results of the retest water samples were received by Skelly and Loy and reviewed in relation to EPA’s “Lead in Drinking Water in Schools and Non-Residential Buildings, EPA 812-B-94-002,” April 1994 and “3Ts for Reducing Lead in Drinking Water in Schools: Revised Technical Guidance,” October 2018. Lead concentrations above 15 ppb were considered to be elevated and additional recommended actions should be taken to reduce the lead. Following mitigation of fixtures that exceeded the recommended lead concentration, retesting of the water will be conducted to ensure the lead in drinking water was reduced below 15 ppb.

Administration Building:

At the PPS Administration Building, a total of 61 samples were collected from 32 drinking water and cooking use fixtures and faucets. The results of seven samples collected: 19-ADM-02-OF-37A, 19-ADM-02-OF-37B, 19-ADM-02-OF-47A, 19-ADM-02-OF-47B, 19-ADM-03-OF-58A, 19-ADM-04-0F-84A, and 19-ADM-04-0F-84B indicated lead concentrations above the EPA lead in drinking water action level of 15 ppb.


The results of 3 water samples: 19-ADM-02-OF-47C, 19-ADM-02-OF-47D, and 19-ADM-04-0F-58C were below the EPA lead in drinking water action level of 15 ppb.

The results of 4 water samples: 19-ADM-02-OF-37C, 19-ADM-02-OF-37D, 19-ADM-04-0F-84C, and 19-ADM-04-0F-84D were above the EPA lead in drinking water action level of 15 ppb. These fixtures were posted with “Handwash Only” signage.

Allderdice Field House:

No water retesting was required.

Allderdice High School:

At Allderdice High School, a total of 152 samples were collected from 77 drinking water and cooking use fixtures and faucets. The results of two water samples collected: 19-ALD-03-CF-148A and 19-ALD-04-CF-291A indicated lead concentrations above the EPA lead in drinking water action level of 15 ppb.

Two (2) water samples: 19-ALD-03-CF-148C and 19-ALD-04-CF-291C were collected on April 26, 2019.

The result of 1 water sample: 19-ALD-03-CF-148C was below the EPA lead in drinking water action level of 15 ppb.
The result of 1 water sample: 19-ALD-04-CF-291C was above the EPA lead in drinking water action level of 15 ppb.

A follow-up retest sample: 19-ALD-04-CF-291D was collected on May 1, 2019.

The result of water sample 19-ALD-04-CF-291D was above the EPA lead in drinking water action level of 15 ppb. This fixture was posted with “Handwash Only” signage.

Allegheny Annex:

No water retesting was required.

Allegheny K-5/6-8:

At Pittsburgh Allegheny K-5/6-8, a total of 87 samples were collected from 45 drinking water and cooking use fixtures and faucets. The results of two fixtures from the collected water samples: 19-AGL-01-CF-34A, 19-AGL-03-WB-94A, and 19-AGL-03-WB-94B were above the EPA lead in drinking water action level of 15 ppb.

Three (3) retest water samples: 19-AGL-01-CF-34C, 19-AGL-03-WB-94C, and 19-AGL-03-WB-94D were collected on May 15, 2019. All water samples collected indicated results below the EPA lead in drinking water action level of 15 ppb.

Arsenal PreK-5/6-8:

At Pittsburgh Arsenal PreK-5/6-8, a total of 106 samples were collected from 54 drinking water and cooking use fixtures and faucets. The results of two water samples collected: ARS-GF-NF-17A and ARS-03-CF-120A indicated lead concentrations above the EPA lead in drinking water action level of 15 ppb.

Two (2) retest water samples: ARS-GF-NF-17C and ARS-03-CF-120C were collected on April 30, 2019. Both water samples collected indicated results below the EPA lead in drinking water action level of 15 ppb.

Beechwood PreK-5:

No water retesting was required.
Brashear High School/South Hills 6-8:

At Pittsburgh Brashear High School/South Hills 6-8, a total of 166 samples were collected from 84 drinking water and cooking use fixtures and faucets. The results of three samples collected: 19-BRA-BS-CF-38A, 19-BRA-02-WC-186A, and 19-BRA-03-CF-290A indicated lead concentrations above the EPA lead in drinking water action level of 15 ppb.

Three (3) retest water samples: 19-BRA-BS-CF-38C, 19-BRA-02-WC-186C, and 19-BRA-03-CF-290C were collected on April 27, 2017. All water samples collected indicated results below the EPA lead in drinking water action level of 15 ppb.

CAPA 6-12:

At Pittsburgh CAPA 6-12, a total of 119 samples were collected from 61 drinking water and cooking use fixtures and faucets. The results of two samples collected: 19-CAP-06-CF-160-A and 19-CAP-06-CF-198-A indicated lead concentrations above the EPA lead in drinking water action level of 15 ppb.

Two (2) retest water samples: 19-CAP-06-CF-160C and 19-CAP-06-CF-198C were collected on June 6, 2019.

The result of water sample 19-CAP-06-CF-160C was below the EPA lead in drinking water action level of 15 ppb.

The result of water sample 19-CAP-06-CF-198C was above the EPA lead in drinking water action level of 15 ppb. This fixture was posted with “Handwash Only” signage.

Carmalt PreK-8:

No water retesting was required.

Colfax K-8:

No water retesting was required.

Concord PreK-5:

At Pittsburgh Concord PreK-5, a total of 68 samples were collected from 35 drinking water and cooking use fixtures and faucets. The result for one water samples collected: 19-CON-01-WC-46A indicated a lead concentration above the EPA lead in drinking water action level of 15 ppb

The retest water sample: 19-CON-01-WC-46C was collected on April 16, 2019. This water sample indicated a result below the EPA lead in drinking water action level of 15 ppb.
Conroy:

At Conroy Education Center, a total of 74 samples were collected from 38 drinking water and cooking use fixtures and faucets. The results for three water samples collected: 19-CNY-01-KF-38A, 19-CNY-01-KF-43A, and 19-CNY-01-KF-44A indicated lead concentrations above the EPA lead in drinking water action level of 15 ppb.

Three (3) retest water samples: 19-CNY-01-KF-38C, 19-CNY-01-KF-43C, and 19-CNY-01-KF-44C were collected on April 30, 2019. All water samples collected indicated results below the EPA lead in drinking water action level of 15 ppb.

Dilworth PreK-5:

At Pittsburgh Dilworth PreK-5, a total of 60 samples were collected from 31 drinking water and cooking use fixtures and faucets. The results of three water samples collected: 19-DIL-02-CF-36A, 19-DIL-02-WC-52A, and 19-DIL-CF-71A indicated lead concentrations above the EPA lead in drinking water action level of 15 ppb.

Two (2) retest water samples: 19-DIL-02-CF-36C and 19-DIL-02-WC-52C were collected on April 18, 2019. Both water samples collected indicated results below the EPA lead in drinking water action level of 15 ppb.

Fixture 19-DIL-01-CF-71 was posted with “Handwash Only” signage prior to retesting.

Fulton PreK-5:

No water retesting was required.

Grandview K-5:

At Pittsburgh Grandview K-5, a total of 78 samples were collected from 40 drinking water and cooking use fixtures and faucets. The results for five water samples collected: 19-GRD-01-CF-16A, 19-GRD-01-CF-20A, 19-GRD-01-WO-21A, 19-GRD-02-CF-52A, and 19-GRD-02-CF-67A indicated lead concentrations above the EPA lead in drinking water action level of 15 ppb.


The result of water sample 19-GRD-02-CF-67C was below the EPA lead in drinking water action level of 15 ppb.

The results of water samples 19-GRD-01-CF-16C, 19-GRD-01-CF-20C, and 19-GRD-02-CF-52C were above the EPA lead in drinking water action level of 15 ppb. These 3 fixtures were posted with “Handwash Only” signage.
Greenway (Classical-Gifted Center):

At Greenway – Classical Gifted Center, a total of 132 samples were collected from 67 drinking water and cooking use fixtures and faucets. The result of one sample collected: 19-GNW-2.4-CF-86A indicated a lead concentration above the EPA lead in drinking water action level of 15 ppb.

The retest water sample; 19-GNW-2.4-CF-86C was collected on June 1, 2019. This water sample indicated a result below the EPA lead in drinking water action level of 15 ppb.

Langley Field House:

No water retesting was required.

Liberty K-5:

At Pittsburgh Liberty K-5, a total of 64 samples were collected from 33 drinking water and cooking use fixtures and faucets. The result of one sample collected: 19-LIB-01-CF-29A indicated lead concentrations above the EPA lead in drinking water action level of 15 ppb.

The retest water sample; 19-LIB-01-CF-29C was collected on June 19, 2019.

The result of water samples 19-LIB-01-CF-29C was above the EPA lead in drinking water action level of 15 ppb.

A follow-up retest sample, 19-LIB-01-CF-29D, was collected on July 2, 2019.

The result of water sample 19-LIB-01-CF-29D was above the EPA lead in drinking water action level of 15 ppb. This fixture was posted with “Handwash Only” signage.

Mifflin PreK-8:

No water retesting was required.

Minadeo PreK-5:

At Pittsburgh Minadeo PreK-5, a total of 104 samples were collected from 53 drinking water and cooking use fixtures and faucets. The results of four samples collected: 19-MIN-GF-TF-12A, 19-MIN-GF-CF-30A, 19-MIN-02-HF-59A, and 19-MIN-02-CF-72A indicated lead concentrations above the EPA lead in drinking water action level of 15 ppb.

The results of water samples 19-MIN-GF-TF-12C, 19-MIN-GF-CF-30C, and 19-MIN-02-CF-72C were below the EPA lead in drinking water action level of 15 ppb.

The result of water sample 19-MIN-02-HF-59C was above the EPA lead in drinking water action level of 15 ppb.

A follow-up retest sample, 19-MIN-02-HF-59D, was collected on May 9, 2019.

The result of water sample 19-MIN-02-HF-59D was above the drinking water action level. Fixture 19-MIN-02-HF-59 was posted with “Handwash Only” signage.

Obama 6-12, ECC:

At Pittsburgh Obama 6-12, ECC, a total of 148 samples were collected from 74 drinking water and cooking use fixtures and faucets. The results for two water samples collected; 19-OBA-01-KF-78A and 19-OBA-01-KF-79A, indicated lead concentrations above the EPA lead in drinking water action level of 15 ppb.

Two (2) retest water samples: 19-OBA-01-KF-78C and 19-OBA-01-KF-79C were collected on April 11, 2019. Both water samples collected indicated results below the EPA lead in drinking water action level of 15 ppb.

Oliver Field House:

No water retesting was required.

Oliver:


The results of 3 water samples 19-OLI-01-CF-218E, 19-OLI-02-CF-224F, and 19-OLI-02-KF-237E were below the EPA lead in drinking water action level of 15 ppb.

The results of 6 water samples 19-OLI-02-KF-43E, 19-OLI-GF-OF-59E, 01-CF-130-164E, 19-OLI-02-CF-224E, 19-OLI-02-HF-230E, and 19-OLI-02-KF-231E were above the EPA lead in drinking water action level of 15 ppb. These 6 fixtures were posted with “Handwash Only” signage.

Phillips K-5:

No water retesting was required.

Roosevelt Pre K-1:

No water retesting was required.

Schiller 6-8:

At Pittsburgh Schiller 6-8, a total number of 44 water samples were collected from 23 drinking water and cooking use fixtures and faucets sampled on August 14, 2019. Of the 46 water samples collected, the result of one water sample; 19-SCH-01-0F-39A was above the EPA lead in drinking water action level of 15 ppb.

The retest water sample; 19-SCH-01-0F-39C was collected on August 17, 2019. This water sample indicated a result below the EPA lead in drinking water action level of 15 ppb.

Spring Garden ECC:

At Pittsburgh Spring Garden ECC, a total of 36 samples were collected from 19 drinking water and cooking use fixtures and faucets. The results of three water samples collected; 19-SPG-01-CF-06A, 19-SPG-02-CF-27A, and 19-SPG-02-CF-27B indicated lead concentrations above the EPA lead in drinking water action level of 15 ppb.

Three retest water samples: 19-SPG-01-CF-06C, 19-SPG-02-CF-27C, and 19-SPG-02-CF-27D were collected on February 26, 2019.
The results of water sample 19-SPG-02-CF-27D was below the EPA lead in drinking water action level of 15 ppb.

The results of 2 water samples: 19-SPG-01-CF-06C and 19-SPG-02-CF-27C were above the EPA lead in drinking water action level of 15 ppb.

Two follow-up retest water samples: 19-SPG-01-CF-06E and 19-SPG-02-CF-27E were collected on March 5, 2019.

The results of the 2 water samples: 19-SPG-01-CF-06E and 19-SPG-02-CF-27E were above the EPA lead in drinking water action level of 15 ppb. Both faucets were posted with “Handwash Only” signage.

Spring Hill K-5:
No water retesting was required.

Student Achievement Center:
At Pittsburgh Student Achievement Center, a total of 48 samples were collected from 25 drinking water and cooking use fixtures and faucets. The results of three samples collected: 19-SAC-BS-WB-12A, 19-SAC-02-OF-34A, and 19-SAC-02-CF-36A indicated lead concentrations above the EPA lead in drinking water action level of 15 ppb.

Three retest water samples: 19-SAC-BS-WB-12C, 19-SAC-02-OF-34C, and 19-SAC-02-CF-36C were collected on July 2, 2019.

The results of water samples 19-SAC-02-OF-34C and 19-SAC-02-CF-36C were below the EPA lead in drinking water action level of 15 ppb.

The result of water sample 19-SAC-BS-WB-12C was above the EPA lead in drinking water action level of 15 ppb. This faucet was posted with “Handwash Only” signage.

Westwood PreK-5:
No water retesting was required.

Whittier K-5:
At Pittsburgh Whittier K-5, a total of 50 samples were collected from 26 drinking water and cooking use fixtures and faucets. The result for one water sample collected; 19-WHI-01-WB-32B indicated a lead concentration above the EPA lead in drinking water action level of 15 ppb.
The retest water sample; **19-WHI-01-WB-32C** was collected on June 18, 2019. *This water sample indicated a result below the EPA lead in drinking water action level of 15 ppb.*

**Woolslair K-5:**

No water retesting was required.

### 4. BUILDING SUMMARY OF NUMBERS OF FIXTURES AND WATER SAMPLES RETESTED

Below is a table listing each school re sampled, the total number of the fixtures retested, the number of retest water samples collected and results above 15 ppb.

<table>
<thead>
<tr>
<th>Retesting Date Sampled</th>
<th>School/Building</th>
<th>Total # of Fixtures Retested</th>
<th># of Samples Retested</th>
<th>Retest samples above 15 ppb</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/1/2019</td>
<td>Administration Building</td>
<td>4</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>4/26/2019 &amp; 5/1/2019</td>
<td>Allderdice High School</td>
<td>2</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>5/15/19</td>
<td>Allegheny K-5/6-8</td>
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<td>3</td>
<td>0</td>
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<tr>
<td>5/1/2019</td>
<td>Arsenal PreK-5/6-8</td>
<td>2</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>5/4/2019</td>
<td>Brashear High School/ South Hills 6-8</td>
<td>3</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>6/6/2019</td>
<td>CAPA 6-12</td>
<td>2</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>4/16/2019</td>
<td>Concord PreK-5</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>5/21/2019</td>
<td>Conroy</td>
<td>3</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>4/18/2019</td>
<td>Dilworth PreK-5</td>
<td>3</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>6/17/2019</td>
<td>Grandview K-5</td>
<td>4</td>
<td>4</td>
<td>3</td>
</tr>
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<td>6/20/2019</td>
<td>Greenway Classical-Gifted</td>
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<td>1</td>
<td>0</td>
</tr>
<tr>
<td>6/19/2019 &amp; 7/2/2019</td>
<td>Liberty K-5</td>
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<td>2</td>
<td>1</td>
</tr>
<tr>
<td>5/1/2019 &amp; 5/8/2019</td>
<td>Minadeo PreK-5</td>
<td>4</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>4/11/2019</td>
<td>Obama 6-12, ECC</td>
<td>2</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>6/25/2019 &amp; 7/19/2019</td>
<td>Oliver</td>
<td>13</td>
<td>25</td>
<td>6</td>
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<tr>
<td>8/19/2019</td>
<td>Schiller 6-8</td>
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<td>1</td>
<td>0</td>
</tr>
<tr>
<td>2/26/2019</td>
<td>Spring Garden ECC</td>
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<td>2</td>
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<td>7/2/2019</td>
<td>Student Achievement Center</td>
<td>3</td>
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<tr>
<td>6/18/2019</td>
<td>Whittier K-5</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

In the 19 schools/buildings re-tested; a total of 75 water samples were collected from 54 drinking water and cooking use fixtures and faucets.
The results of the water sample retesting indicate that 20 fixtures retested continued to exhibit elevated lead concentrations above 15 ppb. The Administration Building and Oliver comprised 10 of the fixtures with elevated lead concentrations; 5 school buildings had a total of 10 fixtures with elevated lead concentrations above 15 ppb; 10 school buildings retested indicated no lead levels above 15 ppb.

Based on water sample testing, our professional opinion is that the sources of the elevated lead concentrations exceeding 15 ppb can be attributed to several key factors such as the lack of routine fixture use, fixtures not routinely cleaned, and/or older outdated fixtures. All 18 of the 19 fixtures with lead concentrations above 15 ppb were posted with “Handwash Only” signage. One (1) fixture at Allderdice High School was reportedly disconnected or removed.

5.0 RECOMMENDATIONS


Based on the results of this retest water sampling report, our recommendations, related to these fixtures, are as follows:

1. All fixtures, with lead concentration at or above the recommended action limit of 15 ppb, are to be immediately shut off from use by the District. RemEDIATE these fixtures when feasible.

2. Post “Handwash Only” signage stating that the non-filtered fixtures are to be used for only as a “non-drinking water source.”

Each school building will have its own unique short term and long control term measures to continue good drinking water practices. Some basic practices are as listed below:

Flush the pipes: Let the water run to bring in fresh water that has not been standing in the pipes. Do this over a night or weekend. Flushing times can vary based on the plumbing configuration. Recommendations for flushing the pipe should follow the directions provided by EPA’s “Lead in Drinking Water in Schools and Non-Residential Buildings, EPA 812-B-94-002,” April 1994 and “3Ts for Reducing Lead in Drinking Water in Schools: Revised Technical Guidance,” October 2018.

Cleaning of Aerators: Generate an aerator (screen) cleaning maintenance schedule that implements cleaning of any debris from all accessible aerators on a routine basis. Design replacement of aerators and installation new fixtures to improve water quality.

Flush water before drinking: Instruct the students and staff to run the water before drinking for a set amount of time before using. Also, the flushing of the water plumbing system should be implemented for any duration of longer than five days without normal water usage in the school to aide in the removal of any stagnant water in the school building.
REPORT DISCLAIMER:

This Skelly and Loy, Inc. report is based on information supplied by the client, occupants, and on conditions readily observable or measurable on the date or dates of this study. The results and recommendations presented herein should not be relied upon exclusively for the prevention of all possible illnesses, injuries, or losses. These services are a supplement to, and not a substitute for, the client's responsibility for protecting the health and safety of the occupants of the facility, and others, and for complying with applicable laws and regulations.

This report and the associated attachments and appendices have been produced and developed for, and at the request of, Pittsburgh Board of Public Education. It conveys the findings of Skelly and Loy, Inc. as of the date(s) noted herein. This report is intended for the exclusive use of Pittsburgh Board of Public Education, including its management, officers, and the School Board.
APPENDIX A

DRINKING WATER RESULTS TABLES
Administration Building
# Pittsburgh Public Schools Drinking Water Quality Initiative
## Lead in Drinking Water Test
### Recommendations for Response Actions

<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>First Draw Sample Result</th>
<th>Second Draw Sample Result</th>
<th>Sample Date</th>
<th>First Draw Sample Result (C)</th>
<th>Second Draw Sample Result (D)</th>
<th>Recommended Response Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-ADM-02-OF-37</td>
<td>Office faucet</td>
<td>260</td>
<td>7/2/2019</td>
<td>40.8</td>
<td>29.8</td>
<td>7/20/2019</td>
<td>20.0</td>
<td>26.9</td>
<td>Shut Off Fixture</td>
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<td>19-ADM-03-OF-58</td>
<td>Office faucet</td>
<td>353A</td>
<td>7/2/2019</td>
<td>20.5</td>
<td>5.53</td>
<td>7/20/2019</td>
<td>5.88</td>
<td></td>
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</tr>
<tr>
<td>19-ADM-04-OF-84</td>
<td>Office faucet</td>
<td>419</td>
<td>7/2/2019</td>
<td>68.5</td>
<td>35.6</td>
<td>7/20/2019</td>
<td>16.1</td>
<td>19.3</td>
<td>X</td>
</tr>
</tbody>
</table>

* - Fixture found non-operational

# - Total fixtures count typically includes drinking water bubbler/fountains/coolers, classroom facets, office faucets, ice machines, service, water main.

Two samples are collected from each fixture, except from ice machines, service line and water main, where one sample is collected.

NA - Not applicable
<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>First Draw Sample Result</th>
<th>Second Draw Sample Result</th>
<th>Retest First Draw Sample Result</th>
<th>Retest Sample Date</th>
<th>Second Draw Sample Result</th>
<th>Recommended Response Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-ALD-04-CF-291</td>
<td>Classroom Faucet</td>
<td>428</td>
<td>4/16/2019</td>
<td>16.2</td>
<td>&lt;1.00</td>
<td>86.9</td>
<td>5/1/2019</td>
<td>16.8</td>
<td>Shut Off Fixture: X, Post Signage: X, Evaluate plumbing/fittings/valves/piping:</td>
</tr>
<tr>
<td>19-ALD-03-CF-348</td>
<td>Classroom Faucet</td>
<td>301</td>
<td>4/16/2019</td>
<td>15.2</td>
<td>4.76</td>
<td>10.0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* - Fixture found non-operational

# - Total fixtures count typically includes drinking water bubbler/fountains/coolers, classroom faucets, office faucets, ice machines, service, water main.

Two samples are collected from each fixture, except from ice machine, service and water main where one sample is collected.

NA - Not applicable
Pittsburgh Public Schools Drinking Water Quality Initiative
Lead in Drinking Water Test
Recommendations for Response Actions

Date: 5-8-19
Prepared by: Skelly and Loy, Inc.
School: Allegheny K-5 / 6-8
Address: 810 Arch Street, Pittsburgh, PA 15212

Total fixtures tested: 45  Total samples collected: 88

<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>First Draw Sample Result</th>
<th>Second Draw Sample Result</th>
<th>Retest Date</th>
<th>Retest Sample Result</th>
<th>Recommended Response Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-AGL-01-CF-34</td>
<td>Classroom Faucet</td>
<td>105</td>
<td>5/4/2019</td>
<td>16.1</td>
<td>&lt;1.00</td>
<td>5/15/2019</td>
<td>2.16</td>
<td>Retest Fixture ID</td>
</tr>
</tbody>
</table>

* - Fixture found non-operational
# - Total fixtures count typically includes drinking water bubbler/fountains/coolers, classroom faucets, office faucets, ice machines, service, water main.
  Two samples are collected typically from each fixture, except from ice machines, service line and water main, where one sample is collected.
NA - Not applicable
## Pittsburgh Public Schools Drinking Water Quality Initiative

**Lead in Drinking Water Test**

**Recommendations for Response Actions**

**Date:** 4-23-19  
**Prepared by:** Skelly and Loy, Inc.  
**School:** Arsenal PreK-5/6-8  
**Address:** 215 39th Street, Pittsburgh, PA 15201  
**Total fixtures tested:** 54  
**Total samples collected:** 106

<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>First Draw Sample Result</th>
<th>Second Draw Sample Result</th>
<th>Retest First Draw Sample Result</th>
<th>Retest Second Draw Sample Result</th>
<th>Recommended Response Actions</th>
</tr>
</thead>
</table>
| ARS-GF-NF-17 | Nurses Office Faucet  | 26B      | 4/17/2019   | **18.5**                 | 2.13                      | 4/30/2019                         | 8.62                             | Shut Off Fixture  
| ARS-03-CF-120 | Classroom Faucet    | 302      | 4/17/2019   | **67.4**                 | 4.34                      | 4/30/2019                         | 7.3                                | Post Signage  

* - Fixture found non-operational  
# - Total fixtures count typically includes drinking water bubbler/fountains/coolers, classroom faucets, office faucets, ice machines, service, water main.  
Two samples are collected from each fixture, except from ice machines, service line and water main, where one sample is collected.  
NA - Not applicable
### Pittsburgh Public Schools Drinking Water Quality Initiative

**Lead in Drinking Water Test - Retest**

**Recommendations for Response Actions**

---

**Date:** 5-3-2019  
**Prepared by:** Skelly and Loy, Inc.  
**School:** Brashear High School / South Hill 6-8  
**Address:** 590 Crane Ave., Pittsburgh, PA 15216  
**Total fixtures tested:** 84  
**Total samples collected:** 166

<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>First Draw Sample Result</th>
<th>Second Draw Sample Result</th>
<th>Retest Sample Date</th>
<th>Retest First Draw Sample Result</th>
<th>Retest Second Draw Sample Result</th>
<th>Recommended Response Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-BRA-03-CF-38</td>
<td>Classroom Faucet</td>
<td>344</td>
<td>4/27/2019</td>
<td>119.0</td>
<td>&lt;1.00</td>
<td>5/4/2019</td>
<td>2.0</td>
<td></td>
<td>Shut Off Fixture</td>
</tr>
<tr>
<td>19-BRA-02-WC-186</td>
<td>Water fountain with cooler</td>
<td>263</td>
<td>4/27/2019</td>
<td>30.7</td>
<td>&lt;1.00</td>
<td>5/4/2019</td>
<td>1</td>
<td></td>
<td>Post Signage</td>
</tr>
<tr>
<td>19-BRA-BS-CF-38</td>
<td>Classroom Faucet</td>
<td>G14A</td>
<td>4/27/2019</td>
<td>140</td>
<td>&lt;1.00</td>
<td>5/4/2019</td>
<td>&lt;1.00</td>
<td></td>
<td>Evaluate plumbing/fittings/valves/piping</td>
</tr>
</tbody>
</table>

* - Fixture found non-operational  
# - Total fixtures count typically includes drinking water bubbler/fountains/coolers, classroom faucets, office faucets, ice machines, service, water main.  
Two samples are collected from each fixture, except from ice machines, service line and water main, where one sample is collected.  
NA - Not applicable
Pittsburgh Public Schools Drinking Water Quality Initiative  
Lead in Drinking Water Test  
Recommendations for Response Actions

Date: 6-10-19  
Prepared by: Skelly and Loy, Inc.  
School: CAPA  
Address: 111 9th Street, Pittsburgh, PA 15222

Total fixtures tested: 61  
Total samples collected: 119

<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>First Draw Sample Result</th>
<th>Second Draw Sample Result</th>
<th>Retest Sample Date</th>
<th>Retest First Draw Sample Result</th>
<th>Recommended Response Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-CAP-06-CF-160</td>
<td>Classroom faucet</td>
<td>620</td>
<td>5/28/2019</td>
<td><strong>33.6</strong></td>
<td>&lt;1.00</td>
<td>6/6/2019</td>
<td>6.28</td>
<td>*</td>
</tr>
<tr>
<td>19-CAP-06-CF-198</td>
<td>Classroom faucet</td>
<td>617</td>
<td>5/28/2019</td>
<td><strong>35.1</strong></td>
<td>1.28</td>
<td>6/6/2019</td>
<td><strong>74.7</strong></td>
<td>#</td>
</tr>
</tbody>
</table>

* - Fixture found non-operational  
# - Total fixtures count typically includes drinking water bubbler/fountains/coolers, classroom faucets, office faucets, ice machines, service, water main.  
  Two samples are collected from each fixture, except from ice machines, service line and water main, where one sample is collected.  
NA - Not applicable
# Pittsburgh Public Schools Drinking Water Quality Initiative
## Lead in Drinking Water Test
### Recommendations for Response Actions

Date: 4-11-2019  
Prepared by Skelly and Loy, Inc.  
School: Concord Pre K - 5  
Address: 2350 Brownsville Road, Pittsburgh, PA 15210  
Total fixtures tested: 35  
Total samples collected: 68

## Total fixtures tested

<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>First Draw Sample Result</th>
<th>Second Draw Sample Result</th>
<th>Retest Sample Date</th>
<th>Retest First Draw Sample Result</th>
<th>Retest Second Draw Sample Result</th>
<th>Recommended Response Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-CON-01-WC-46</td>
<td>Water Fountain with Cooler</td>
<td>Room X104</td>
<td>4/6/2019</td>
<td>18.60</td>
<td>14.40</td>
<td>4/16/2019</td>
<td>&lt;1.00</td>
<td></td>
<td>Shut Off Fixture</td>
</tr>
</tbody>
</table>

## Notes

- Total fixtures count typically includes drinking water bubbler/fountains/coolers, classroom faucets, office faucets, ice machines, service, water main.
- Two samples are collected from each fixture, except from ice machine, service and water main where one sample is collected.
- NA - Not applicable
## Pittsburgh Public Schools Drinking Water Quality Initiative

### Lead in Drinking Water Test

#### Recommendations for Response Actions

Date: 6-16-19  
Prepared by: Skelly and Loy, Inc.  
School: Conroy Education Center  
Address: 1398 Page Street, Pittsburgh, PA 15233

Total fixtures tested: 38  
Total samples collected: 74

<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>First Draw Sample Result (A)</th>
<th>Second Draw Sample Result (B)</th>
<th>Retest First Draw Sample Result (A)</th>
<th>Retest Second Draw Sample Result (B)</th>
<th>Recommended Response Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-CNY-01-KF-38</td>
<td>Kitchen Faucet</td>
<td>108</td>
<td>5/11/2019</td>
<td>20.2</td>
<td>&lt;1.00</td>
<td>1.77</td>
<td>1.77</td>
<td>Shut Off Fixture</td>
</tr>
<tr>
<td>19-CNY-01-KF-43</td>
<td>Kitchen Faucet</td>
<td>107A</td>
<td>5/11/2019</td>
<td>39.3</td>
<td>&lt;1.00</td>
<td>5/21/2019</td>
<td>2.1</td>
<td>Post Signage, Remove or replace Aerator from faucet</td>
</tr>
<tr>
<td>19-CNY-01-KF-44</td>
<td>Kitchen Faucet</td>
<td>107A</td>
<td>5/11/2019</td>
<td>62.3</td>
<td>&lt;1.00</td>
<td>5/21/2019</td>
<td>&lt;1.00</td>
<td>Replace with New Sink Assembly or Remove Sink</td>
</tr>
</tbody>
</table>

* - Fixture found non-operational  
# - Total fixtures count typically includes drinking water bubblers/fountains/coolers, classroom faucets, office faucets, ice machines, service, water main.  
Two samples are collected from each fixture, except from ice machines, the service line and water main where, one sample is collected.  
NA - Not applicable
## Total fixtures tested:

- **31**

## Total samples collected:

- **60**

### Table: Test Results and Recommendations

<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>1st Draw Sample Result (PPB)</th>
<th>2nd Draw Sample Result (PPB)</th>
<th>Retest First Sample Date</th>
<th>Retest 2nd Draw Sample Result (PPB)</th>
<th>Recommended Response Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-DIL-02-CF-52</td>
<td>Classroom Faucets</td>
<td>202</td>
<td>4/6/2019</td>
<td>20.3</td>
<td>1.03</td>
<td>4/18/2019</td>
<td>&lt;1.00</td>
<td>Post Signage Remove or Replace Aerator from Faucet</td>
</tr>
<tr>
<td>19-DIL-02-CF-71</td>
<td>Classroom Faucets</td>
<td>214</td>
<td>4/6/2019</td>
<td>17.3</td>
<td>2.3</td>
<td>Signage Posted</td>
<td>Replace with New Sink Assembly or Remove Sink</td>
<td></td>
</tr>
</tbody>
</table>

### Notes:

- **#** - Total fixtures count typically includes drinking water bubbler/fountains/coolers, classroom faucets, office faucets, ice machines, service, water main.
- Two samples are collected from each fixture, except from ice machine, service and water main where one sample is collected.
- **NA** - Not applicable
## Pittsburgh Public Schools Drinking Water Quality Initiative

### Lead in Drinking Water Test - Retest

**Recommendations for Response Actions**

**Date:** 6-19-2019  
**Prepared by:** Skelly and Loy, Inc.  
**School:** Grandview K-5  
**Address:** 845 McLain Street, Pittsburgh, PA 15210  
**Total fixtures tested:** 40  
**Total samples collected:** 78

<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>First Draw Sample Result</th>
<th>Second Draw Sample Result</th>
<th>Retest Sample Date</th>
<th>Retest First Draw Sample Result</th>
<th>Second Draw Sample Result</th>
<th>Recommended Response Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-GRD-01-CF-16</td>
<td>Classroom Faucet</td>
<td>Room 110</td>
<td>6/5/2019</td>
<td><strong>18.2</strong></td>
<td><strong>4.06</strong></td>
<td>6/15/2019</td>
<td><strong>75.3</strong></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>19-GRD-01-WO-21</td>
<td>Water Fountain with cooler</td>
<td>Room 106</td>
<td>6/5/2019</td>
<td><strong>21.5</strong></td>
<td><strong>2.35</strong></td>
<td></td>
<td><strong>Fixure Removed</strong></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>19-GRD-02-CF-52</td>
<td>Classroom Faucet</td>
<td>Room 218</td>
<td>6/5/2019</td>
<td><strong>15.7</strong></td>
<td><strong>1.17</strong></td>
<td>6/15/2019</td>
<td><strong>23.8</strong></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

**Notes:**  
* - Fixture found non-operational  
# - Total fixtures counted typically includes drinking water bubbler/fountains/coolers, classroom faucets, office faucets, ice machines, service, water main.  
Two samples are collected from each fixture, except from an ice machine, service and water main, where one sample is collected.  
NA - Not applicable
Greenway (Classical-Gifted Center)
## Pittsburgh Public Schools Drinking Water Quality Initiative

### Lead in Drinking Water Test

**Recommendations for Response Actions**

Date: 6/13/19  
Prepared by: Skelly and Loy, Inc.  
School: Greenway Classical Academy  
Address: 1400 Crucible St., Pittsburgh, PA 15205

<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>First Draw Sample Result</th>
<th>Second Draw Sample Result</th>
<th>Retest First Draw Sample Result</th>
<th>Retest Second Draw Sample Result</th>
<th>Recommended Response Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-GNW-2.4-CF-86</td>
<td>Classroom faucets</td>
<td>Room 2.467</td>
<td>6/8/2019</td>
<td>349</td>
<td>&lt;1.00</td>
<td>6/1/2019</td>
<td>2.56</td>
<td>Shut Off Fixture</td>
</tr>
</tbody>
</table>

* - Fixture found non-operational  
# - Total fixtures count typically includes drinking water bubbler/fountains/coolers, classroom faucets, office faucets, ice machines, service, water main. Two samples are collected from each fixture, except from ice machines, service line and water main, where one sample is collected.  
NA - Not applicable
## Pittsburgh Public Schools Drinking Water Quality Initiative
### Lead in Drinking Water Test - Retest
#### Recommendations for Response Actions

Date: 7-3-2019  
Prepared by: Skelly and Loy, Inc.  
School: Liberty K-5  
Address: 601 Filbert St., Pittsburgh, PA 15232  

Total fixtures tested*: 33  
Total samples collected: 64

<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>First Draw Sample Result</th>
<th>Second Draw Sample Result</th>
<th>Retest First Draw Sample Result (C)</th>
<th>Retest 2 Sample Date</th>
<th>Retest First Draw Sample Result (D)</th>
<th>Recommended Response Actions</th>
</tr>
</thead>
</table>
| 19-LB-01-CF-29 | Classroom Faucet | Room 107   | 6/5/2019    | 16.2                     | <1.00                      | 82.8                                | 7/2/2019             | 31.9                                 | Shut Off Fixture  
                          |                   |            | 6/19/2019   |                          | 6/19/2019                  | 7/2/2019             | 31.9                                 | X  
                          |                   |            | 7/2/2019    |                          | 82.8                       | 7/2/2019             | 31.9                                 | X  
                          |                   |            | 7/2/2019    |                          | 31.9                       | 7/2/2019             | 31.9                                 | X  
                          |                   |            | 7/2/2019    |                          | 31.9                       | 7/2/2019             | 31.9                                 | X  

* - Fixture found non-operational

# - Total fixtures count typically includes drinking water bubblers/fountains/coolers, classroom faucet, office faucets, ice machines, service, water main.

Two samples are collected from each fixture, except from ice machine, service line and water main, where one sample is collected.

NA - Not applicable
### Pittsburgh Public Schools Drinking Water Quality Initiative
#### Lead in Drinking Water Test - Retest

**Recommendations for Response Actions**

Date: 5-3-2019  
Prepared by: Skelly and Loy, Inc.  
School: Minadeo Pre K-5  
Total fixtures tested*: 53  
Total samples collected: 108

<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>First Draw Sample Result</th>
<th>Second Draw Sample Result</th>
<th>Retest First Draw Sample Result</th>
<th>Retest Second Draw Sample Result</th>
<th>Recommended Response Actions</th>
<th>Action Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-MIN-GF-12</td>
<td>Teacher's Lounge Sink</td>
<td>032</td>
<td>4/18/2019</td>
<td>16.0</td>
<td>&lt;1.00</td>
<td>4/30/2019</td>
<td>&lt;1.00</td>
<td>Shut Off Fixture</td>
<td>5/9/2019</td>
</tr>
<tr>
<td>19-MIN-02-HF-59</td>
<td>Home Econ. Faucet</td>
<td>129</td>
<td>4/18/2019</td>
<td>20.1</td>
<td>1.07</td>
<td>4/30/2019</td>
<td><strong>16.3</strong></td>
<td>4.86</td>
<td></td>
</tr>
<tr>
<td>19-MIN-02-CF-72</td>
<td>Classroom Faucet</td>
<td>121</td>
<td>4/18/2019</td>
<td>20.2</td>
<td>&lt;1.00</td>
<td>4/30/2019</td>
<td>4.62</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* - Fixture found non-operational  
# - Total fixtures count typically includes drinking water bubblers/fountains/coolers, classroom faucets, office faucets, ice machines, service, water main.  
Two samples are collected from each fixture, except from ice machines, service line and water main, where one sample is collected.  
NA - Not applicable
# Pittsburgh Public Schools Drinking Water Quality Initiative
## Lead in Drinking Water Test
### Recommendations for Response Actions

- **Date:** 4-4-2019
- **Prepared by Environmental Consultant Name:** Skelly and Loy, Inc.
- **School:** Obama 6-12-ECC
- **Address:** 515 Highland Avenue, Pittsburgh, PA 15206
- **Total fixtures tested:** 76
- **Total samples collected:** 150

<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>First Draw Sample Result</th>
<th>Second Draw Sample Result</th>
<th>Retest Sample Date</th>
<th>Retest Second Draw Sample Result</th>
<th>Recommended Response Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-OBA-01-KF-78</td>
<td>Kitchen Faucet</td>
<td>Room 138</td>
<td>3/30/2019</td>
<td>18.2</td>
<td>2.40</td>
<td>4/11/2019</td>
<td>&lt;1.00</td>
<td>Shut Off Fixture</td>
</tr>
<tr>
<td>19-OBA-01-KF-79</td>
<td>Kitchen Faucet</td>
<td>Room 138</td>
<td>3/30/2019</td>
<td>15.2</td>
<td>1.16</td>
<td>4/11/2019</td>
<td>&lt;1.00</td>
<td>Post Signage</td>
</tr>
</tbody>
</table>

# - Total fixtures count typically includes drinking water bubbler/fountains/coolers, classroom faucets, office faucets, ice machines, service, water main.

Two samples are collected from each fixture, except from ice machine, service and water main where one sample is collected.

NA - Not applicable
Pittsburgh Public Schools Drinking Water Quality Initiative
Lead in Drinking Water Test - Retest
Recommendations for Response Actions

Date: 7-1-2019
Prepared by: Skelly and Loy, Inc.
School: Oliver High School
Address: 2323 Brighton Road, Pittsburgh, PA 15212
Total fixtures tested: 74
Total samples collected: 146

<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>First Draw</th>
<th>Second Draw</th>
<th>Retest First</th>
<th>Retest Second</th>
<th>Recommended Response Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-OLI-01-CF-130</td>
<td>Classroom faucets</td>
<td>152</td>
<td>6/13/2019</td>
<td>17.9</td>
<td>2.73</td>
<td>6/25/2019</td>
<td>11.2</td>
<td>7/19/2019</td>
</tr>
<tr>
<td>19-OLI-02-CF-224</td>
<td>Classroom faucets</td>
<td>253</td>
<td>6/13/2019</td>
<td>72.8</td>
<td>18.5</td>
<td>6/25/2019</td>
<td>54.6</td>
<td>15.6</td>
</tr>
<tr>
<td>19-OLI-02-MC-225</td>
<td>Sink Faucet (Culinary Arts - not in use)</td>
<td>200B</td>
<td>6/13/2019</td>
<td>66</td>
<td>55.5</td>
<td>6/25/2019</td>
<td>7.74</td>
<td>1.61</td>
</tr>
<tr>
<td>19-OLI-02-KF-231</td>
<td>Sink faucet (Culinary Arts-not in use)</td>
<td>202</td>
<td>6/13/2019</td>
<td>36.6</td>
<td>7.56</td>
<td>6/25/2019</td>
<td>25.4</td>
<td>7/19/2019</td>
</tr>
</tbody>
</table>

* - Fixture found non-operational
# - Total fixtures count typically includes drinking water bubbler/fountains/coolers, classroom faucets, office faucets, ice machines, service, water main.
Two samples are collected from each fixture, except from ice machines, service line and water main, where one sample is collected.
NA - Not applicable
### Pittsburgh Public Schools Drinking Water Quality Initiative
#### Lead in Drinking Water Test
#### Recommendations for Response Actions

**Date:** 8-16-19  
**Prepared by Environmental Consultant Name:** Skelly and Loy, Inc.  
**School:** Schiller 6-8  
**Address:** 1018 Peralta Street, Pittsburgh, PA 15212  
**Total fixtures tested:** 23  
**Total samples collected:** 44

<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>First Draw Sample Result</th>
<th>Second Draw Sample Result</th>
<th>Retest Sample Date</th>
<th>Retest First Draw Sample Result</th>
<th>Retest Second Draw Sample Result</th>
<th>Recommended Response Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-SCH-01-OF-39A</td>
<td>Office Faucet</td>
<td>Janitor Receiving 111</td>
<td>8/14/2019</td>
<td>65.0</td>
<td>1.72</td>
<td>8/17/2019</td>
<td>65.0</td>
<td>2.25</td>
<td>Shut Off Fixture, Post Signage, Remove or replace Aerator from faucet, Replace with New Sink Assembly or Remove Sink</td>
</tr>
</tbody>
</table>

* - Fixture found non-operational  
# - Total fixtures count typically includes drinking water bubblers/fountains/coolers, classroom faucets, office faucets, ice machines, service line and water main.  
Two samples are collected from each fixture, except from ice machines, the service line and water main, where one sample is collected.  
NA - Not applicable
# Pittsburgh Public Schools Drinking Water Quality Initiative

**Lead in Drinking Water Test - Retest**

**Recommendations for Response Actions**

**Date:** 2-26-19  
**Prepared by Environmental Consultant Name:** Skelly and Loy, Inc.  
**School:** Spring Garden Early Childhood Center  
**Address:** 1501 Spring Garden Ave, Pittsburgh, PA 15212  
**Total fixtures tested:** 19  
**Total samples collected:** 36

<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>First Draw Sample Result</th>
<th>Second Draw Sample Result</th>
<th>Retest First Draw Sample Result</th>
<th>Retest Second Draw Sample Result</th>
<th>Action Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-SPG-01-CF-06</td>
<td>Classroom Faucet</td>
<td>Room 110-A (Storage Rm)</td>
<td>2/16/2019</td>
<td>20.5</td>
<td>7.51</td>
<td>2/26/2019</td>
<td>34.7</td>
<td>NA</td>
</tr>
</tbody>
</table>

* - Fixture found non-operational  
# - Total fixtures count typically includes drinking water bubbler/fountains/coolers, classroom faucets, office faucets, ice machines, service, water main.  
Two samples are collected from each fixture, except from ice machine, service and water main where one sample is collected.  
NA - Not applicable
Pittsburgh Public Schools Drinking Water Quality Initiative  
Lead in Drinking Water Test  
Recommendations for Response Actions

Date: 6-20-19  
Prepared by: Skelly and Loy, Inc.  
School: Student Achievement Center  
Address: 925 Brushton Ave., Pittsburgh, PA 15208  
Total fixtures tested: 25  
Total samples collected: 48

<table>
<thead>
<tr>
<th>Fixture ID</th>
<th>Fixture Type</th>
<th>Location</th>
<th>Sample Date</th>
<th>First Draw Sample Result (A)</th>
<th>Second Draw Sample Result (B)</th>
<th>First Draw Sample Result (C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-SAC-BS-WB-12</td>
<td>Water Bubbler</td>
<td>Pool Area 29</td>
<td>6/15/2019</td>
<td>31.0</td>
<td>10.1</td>
<td>17.4</td>
</tr>
<tr>
<td>19-SAC-02-OF-34</td>
<td>Office Sink</td>
<td>Office 205</td>
<td>6/15/2019</td>
<td>15.6</td>
<td>7.14</td>
<td>4.83</td>
</tr>
<tr>
<td>19-SAC-02-CF-36</td>
<td>Classroom Faucet</td>
<td>Classroom 203</td>
<td>6/15/2019</td>
<td>15.7</td>
<td>1.68</td>
<td>10.1</td>
</tr>
</tbody>
</table>

* - Fixture found non-operational  
# - Total fixtures count typically includes drinking water bubbler/fountains/coolers, classroom faucets, office faucets, ice machines, service line and water main.  
   Two samples are collected from each fixture, except from ice machines, the service line and water main, where one sample is collected.  
NA - Not applicable
## Recommendations for Response Actions

<table>
<thead>
<tr>
<th>Fixture ID</th>
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<th>Location</th>
<th>Sample Date</th>
<th>First Draw Sample Result</th>
<th>Second Draw Sample Result</th>
<th>Retest Sample Date</th>
<th>Retest First Draw Sample Result</th>
<th>Recommended Response Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-WHI-01-WB-32B</td>
<td>Water fountain (bubbler)</td>
<td>Storage Room 101A</td>
<td>6/1/2019</td>
<td>1.67</td>
<td><strong>17.4</strong></td>
<td>6/18/2019</td>
<td>&lt;1.0</td>
<td>Shut Off Fixture&lt;br&gt;Post Signage&lt;br&gt;Remove or replace Aerator from faucet&lt;br&gt;Replace with New Assembly or Remove&lt;br&gt;Action Date&lt;br&gt;First Draw Sample Result&lt;br&gt;Second Draw Sample Result&lt;br&gt;Retest Sample Date&lt;br&gt;Retest First Draw Sample Result</td>
</tr>
</tbody>
</table>