AAPS Drinking Water Testing Program

1. Educate children & staff to use trusted water sources
2. Annual water testing & reporting to the community
3. Mitigation & repair of identified water fixtures
4. Replace/install water bottle filling stations with certified lead filters in every school

See our website for more information: a2schools.org/watertesting
AAPS Testing for Lead in Drinking Water Program - History

- **2016-17**
  - Initial, random testing and mitigation across the district
  - Action Level >15 ppb (parts per billion)
  - 73 Samples

- **2017-18**
  - 12 locations at each school sampled
  - Action Level of >15 ppb
  - 384 Samples

- **2018-19**
  - All drinking water sources tested
  - Action Level lowered to >5 ppb
  - 1,426 Samples
2018-19 Testing for Lead in Drinking Water - Phase I

Completed, November 2018

- Westerman Preschool
- Abbot Elementary
- Bach Elementary
- Dicken Elementary
- Eberwhite Elementary
- Haisley Elementary
- Lakewood Elementary
- Lawton Elementary
- Pattengill Elementary
- Pathways to Success
2018-19 Testing for Lead in Drinking Water - Phase II

Completed, December 2018 - January 2019

- Allen Elementary
- Angell Elementary
- Ann Arbor Open K-8
- Ann Arbor STEAM K-8
- Bryant Elementary
- Burns Park Elementary
- Carpenter Elementary
- King Elementary
- Logan Elementary
- Mitchell Elementary
- Pittsfield Elementary
- Thurston Elementary
- Wines Elementary
Completed, February - April 2019

- Clague Middle
- Forsythe Middle
- Scarlett Middle
- Slauson Middle
- Tappan Middle
- Community High
- Huron High
- Pioneer High
- Skyline High
Tasks and Status

- Testing for lead levels of all 1,426 existing drinking water locations at AAPS schools
- Inventory of all water sources (drinking and non-drinking)
- Reduction of Action Level of all drinking locations to >5 ppb (Bottled Water Standard)
  - 106 fixtures remediated
  - 13 fixtures mitigation in process
- Hydration Station Installation Project
  - 175 installed
  - 45 to be installed Summer, 2019
- Signage at all faucets not suitable for drinking
  - Custodial closets, bathroom sinks, art room sinks, spigots, etc., to be completed Summer, 2019
Hydration Station Project Installation

AAPS committed to install filtered hydration stations at the rate of 1/100 building occupants

- **175 Filtered Hydration Stations**
  - Installed as of April 25, 2019

- **24 Schools** complete at 1 to 100 ration
  - All remaining schools have a minimum of 2 Hydration Stations

- **45 Additional Stations**
  - To be installed Summer, 2019
## Testing Results

<table>
<thead>
<tr>
<th>Parts Per Billion</th>
<th>Initial 2018-19 Testing Results</th>
<th>Current Testing Results*</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-5</td>
<td>1,307</td>
<td>1,413</td>
</tr>
<tr>
<td>5-15</td>
<td>85</td>
<td>7</td>
</tr>
<tr>
<td>&gt;15</td>
<td>34</td>
<td>6</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>1,426</strong></td>
<td><strong>1,426</strong></td>
</tr>
</tbody>
</table>

*as of 4/25/2019

- TOTAL of 119 fixtures flagged for remediation
- 106 fixtures remediated, re-tested and returned to service
- 13 fixtures in remediation process and remain out of service
## Project Costs

<table>
<thead>
<tr>
<th>Vendor</th>
<th>Service/Equipment</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arch Environmental Group</td>
<td>Testing</td>
<td>$143,000</td>
</tr>
<tr>
<td>Ferguson Enterprises</td>
<td>Plumbing Supplies &amp; Stations</td>
<td>$249,000</td>
</tr>
<tr>
<td>Goyette Mechanical</td>
<td>Plumbing Labor</td>
<td>$440,000</td>
</tr>
<tr>
<td>Other Contractors</td>
<td>Misc. Trades</td>
<td>$76,000</td>
</tr>
<tr>
<td>Phoenix Contracting</td>
<td>Project Management</td>
<td>$45,000</td>
</tr>
</tbody>
</table>

**TOTAL** $953,000*

*as of 4/25/2019
Next Steps

- Filtered Hydration Station Installation Project
  - Complete by start of school September 2019

- Flushing of all Water Systems
  - Continue flushing following school breaks; Summer, Winter, Spring, etc.

- Do Not Drink Signage
  - Installed at non-drinking locations (custodial closets, bathroom sinks, science and art room sinks, etc.) as a reminder that water in these locations is not for drinking

- Future Testing for Lead in Drinking Water
  - Will be communicated to all AAPS parents
  - Will be shared as an Annual Report to the Board of Education