

Adopted: 20/24/2019

Revised:

ASA - Lead in Drinking Water Plan

Purpose:

The district goal is to provide lead safe drinking water sources throughout all its facilities. This will include identification of water sources that are considered “drinking sources” and the testing and follow-up procedures requirements.

Methodology:

This program is modeled after the Minnesota Department of Health’s “Reducing Lead in Drinking Water: A Manual for Minnesota’s Schools”. The program identifies drinking water sources, provides for testing these sources for lead and outlines follow-up procedures for fixtures testing high in lead content.

Art and Science Academy has outlined a testing protocol as follows:

1. Sample collection is performed on a weekend or non-school day to obtain a “worst case” sample of the drinking water a person may consume from a fixture;
2. The water is the “first draw” of water from a fixture;
3. The samples will be analyzed by an approved testing method/provider;
4. First case: results at or below 2 ppb are considered safe, results recorded and retested in five years.
5. Second case: results should be above 2 ppb or below 20 ppb; then we take a flush sample.
5a. Flush sample – flush the water for exactly 15 sec before collecting the sample from the sample source to determine normal usage, if below 20 ppb, will note down taps need to be flushed at the start of each day while the school determines course of action.
6. All drinking water sources shall be sampled every five years.

Drinking Water Sources:

- o Drinking fountains;
- o Sinks in classrooms;
- o All kitchen area sources;
- o Restroom sinks;

Additional sources may be added if they are identified as sources of consumption by facility occupants.

High Test Results:

Fixtures testing above 20 ppb shall have a follow-up sample collected as outlined above except the water is collected after a fifteen-second flush of water has been released from the fixture. If the sample analysis is below 20 ppb this fixture is safe for drinking anytime provided it has been flushed for 15 seconds. Fixtures failing the “flush test” will be turned off until a resolution can be reached.

To report a concern, please contact the front office at 763-444-0342.