October 11, 2018

Cincinnati Public Schools
Cynthia Eghbalnia
2651 Burnet Avenue
Cincinnati, OH 45219

**North Avondale
Montessori
Resample**

Dear Cynthia:

Samples for various locations were collected in a resample round of lead analyses for North Avondale Montessori School. Greater Cincinnati Water Works (GCWW) analyzed the samples and compared the results.

School Sample Results

The *USEPA 3Ts for Reducing Lead in Drinking Water in Schools: Revised Technical Guidance Document (3Ts Guidelines)* is the process and guidelines used for assisting schools with testing for lead. Results are shown on page 2.

Changes made and Next Steps

After conducting a first round sampling in January 2018, remediations were done, and resamples were collected in May 2018. Below are the changes made and next steps:

1. For one sample location, NAM-FL2-HALLNEAR2248RR-SINK-NAM71, the results after flushing greatly reduced the amount of lead. Even though cleaning and flushing reduced the level of lead, the result did go up after a 30 and 60 second flush. This may be due to particles trapped on the aerator or particles that were knocked loose while cleaning/flushing. Given these results are below the action limit, consider how often this sink is being used. If it is not used on a regular basis, it may need to be flushed, before use. If use is infrequent, the risk of increased lead levels may be greater; consider posting signs to limit the use. Refer to the 3Ts guidelines.

2. For sample location, NAM-FL2-HALLNEAR2207LRR-SINK-NAM116, the results after cleaning the aerator and flushing the line was higher. This may be due to particles trapped on the aerator or particles that were knocked loose while cleaning/flushing. Given the high level at this location, consider cleaning the aerator again or replacing the aerator and flushing before use.

3. Results for sample location, NAM-FL2-HALLNEAR2118RRR-SINK-NAM126, were reduced after cleaning the aerator and flushing the line. Although these changes further reduced lead levels; results show, flushing the line helped lower lead levels below detection. No further action is suggested.

4. Results for other locations were reduced after cleaning the aerators and flushing the lines. These changes further reduced lead levels below detection; no further action is suggested.
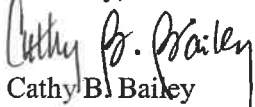
5. Consider how often these sinks are being used. If they are not used on a regular basis, they may need to be flushed often before use. The risk of increased lead levels may be greater; consider limiting the use of these sinks. Refer to the 3Ts guidelines.

Cincinnati Public Schools - North Avondale Montessori School Lead Testing Results-Resamples				
SAMPLE	Initial 1st Draw sample Date 1/11/18 Lead, ppb	Changes made after first round of sampling	1st Draw sample Date 5/18/18 Lead, ppb	30 second flush sample Date 5/18/18 Lead, ppb	60 second flush sample Date 5/18/18 Lead, ppb
NAM-FL1-1223-SINK-NAM56	19.4	Cleaned aerator; flushed the line	<1	<1	<1
NAM-FL2-HALLNEAR2248RR-SINK-NAM71	67.5	Cleaned aerator; flushed the line	2.28	2.58	2.77
NAM-FL2-HALLNEAR2207LRR-SINK-NAM116	29	Cleaned aerator; flushed the line	37.5	2.06	<1
NAM-FL2-HALLNEAR2118RRR-SINK-NAM126	19.7	Cleaned aerator; flushed the line	9.52	<1	<1
NAM-FL2-2201BWALL-RSINK-NAM150	17.5	Cleaned aerator; flushed the line	<1	<1	<1

Your work and changes in the school continue to improve the water quality for the students and staff. Your decisions and actions throughout this process speak to your care and commitment to ensure students and staff remain safe and healthy while attending your school.

Our resources are available to assist in many ways. Please contact Jim Nelson at 591-6869 if you have any questions.

Sincerely,

Cathy B. Bailey
Director/Greater Cincinnati Water Works

Cc: Melba Moore, Cincinnati Health Department
Dr. Camille Jones, Cincinnati Health Department
Chuck DeJonckheere, Hamilton County Public Health
Verna Arnette, Greater Cincinnati Water Works
Jeff Swertfeger, Greater Cincinnati Water Works
Jason DeLaet, Greater Cincinnati Water Works
James Nelson, Greater Cincinnati Water Works