



October 12, 2018

**Lincoln Heights
Elementary School
Resample**

Princeton City School District
Lincoln Heights Elementary School
Jon W. Fricke
1113 Adams Street
Cincinnati, OH 45215

Dear Mr. Fricke,

Samples for various locations were collected in a resample round of lead analyses for Lincoln Heights Elementary 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 below.

Princeton City School District - Lincoln Heights Elementary School Lead Testing Results-Resamples					
SAMPLE	Initial 1st Draw sample Date 4/4/18 Lead, ppb	Changes made after first round of sampling	1st Draw sample Date 9/28/18 Lead, ppb	30 second flush sample Date 9/28/18 Lead, ppb	60 second flush sample Date 9/28/18 Lead, ppb
LHE-FL3-310LWALL-LSINK-LHE105	65.8	Cleaned aerator; flushed the line	<1	14	<1
LHE-FL3-310LWALL-RSINK-LHE107	45.8	Cleaned aerator; flushed the line	<1	<1	<1
LHE-FL3-310RWALL-LDF-LHE112	35.4	Cleaned fixture; flushed the line	<1	<1	<1



Changes made and Next Steps

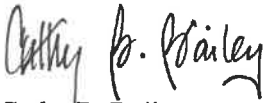
After conducting a first round sampling in April 2018, remediations were done, and resamples were collected in September 2018 at these locations. For these locations in the resample round, the aerators/fixtures were cleaned and the lines were flushed with ample water before resampling. Below are the next steps.

1. For sample location LHE-FL3-310LWALL-LSINK-LHE105, the results show, after cleaning and flushing, lead levels are greatly reduced. Sample collected after a 30 second flush resulted in lead levels increasing and after a 60 second flush lead levels are below detection. This may be due to particles trapped on the aerator or particles that were knocked loose while cleaning/flushing.
 - a. Given the lead level at this location, consider cleaning the aerator again and resampling again to see if the results are repeated at this location. If they repeat, other factors will need to be considered (issues with fixture, plumbing materials behind the fixture, etc.).
 - b. 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. The risk of increased lead levels may be greater; consider limiting the use of this sink. Refer to the 3Ts guidelines.
2. Results for other locations were reduced after cleaning and flushing. These changes further reduced lead levels below detection; no further action is suggested.

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