

July 24, 2017

Central Church of Christ
 Bill Vaths
 3501 Cheviot Rd.
 Cincinnati, Ohio 45211

Dear Mr. Vaths,

Samples were collected in a resample round of lead analyses for Central Church of Christ. Greater Cincinnati Water Works (GCWW) analyzed the samples and compared the results.

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. We decided to use this same process to assist child care facilities, churches, recreation centers, libraries, entertainment venues, restaurants, etc. where children are in attendance for various activities on a regular basis. It is a well-defined process and provides helpful information and remedies if lead is detected in samples. The resampling results are below.

Central Church of Christ					
Lead Testing Results-Resamples					
SAMPLE	Initial 1st Draw sample Date 3/8/17 Lead, ppb	Changes made after first round of sampling	1st Draw sample Date 5/31/17 Lead, ppb	30 second flush sample Date 5/31/17 Lead, ppb	60 second flush sample Date 5/31/17 Lead, ppb
CCC-LL-NURSERY-RR-SINK-CCC10	78.5	Cleaned or replaced the aerator; flushed the lines	4.98	7.82	<1
CCC-GF-BHNDALTER-WRR-SINK-CCC17	42.2	Cleaned or replaced the aerator; flushed the lines	24.7	51	23.2
CCC-GF-BHNDALTER-MRR-SINK-CCC18	25.2	Cleaned or replaced the aerator; flushed the lines	21.5	75.8	40.2

Changes made and Next Steps

1. After the first round of sampling, it is our understanding that the school wanted to further reduce the risk of lead at all locations. You shared with us that you cleaned one of the aerators and replaced the other two. After that, you flushed the lines. You also mentioned that these sinks are some of the least used sinks.



2. After cleaning and flushing the lines, sequential sampling occurred (3 samples were collected at each location: a first draw sample, a sample after letting the water run 30 seconds, a sample after letting the water run 60 seconds). It is expected that the lead levels will be reduced after flushing the line.
3. For sample CCC10, the lead level increased after flushing for 30 seconds and then reduced below the detection level. No further action is suggested for this location.
4. For samples CCC17 and CCC18, the lead levels increased from the first draw sample after flushing for 30 seconds. Additional flushing brought the level back down, but still above the action level of 15ppb. You mentioned that these locations are not used on a regular basis. We recommend you flush the lines again, letting the water run for 20-25 minutes. After this, we recommend another round of sampling and testing.
5. In addition to the recommendations above, we would like to have a member of our Distribution Division team come out to your location and verify the pipe material again to determine if something else is contributing to these levels. He may ask you some additional questions about the plumbing in your facility. If it is ok with you, we can schedule this visit as early as next week.
6. The extensive flushing, the visit from our staff and additional sampling will provide helpful information for us to then determine next steps.

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. Through our continued partnership, we will determine a path forward that will further reduce the lead levels. Please contact Jim Nelson at 591-6869 if you have any questions.

Sincerely,



Cathy B. Bailey
Director/Greater Cincinnati Water Works

Cc: Dr. Marilyn Crumpton, Cincinnati Health Department
Dr. Camille Jones, Cincinnati Health Department
Chuck DeJonckheere, Hamilton County Public Health
Sheila Hill-Christian, City of Cincinnati
Verna Arnette, Greater Cincinnati Water Works
Jeff Swertfeger, Greater Cincinnati Water Works
Jason DeLaet, Greater Cincinnati Water Works