



July 2, 2017

Forest Hills School District
Bob VanderWoude
7550 Forest Road
Cincinnati, OH 45244

Summit
Elementary
School

Dear Mr. VanderWoude:

Thank you for taking the responsibility seriously to protect the health of the children by voluntarily testing the water in your school for lead!

Attached please find the results of the lead analyses performed for fifteen additional samples at Summit Elementary School by the Greater Cincinnati Water Works (GCWW). The following comments speak to the process, samples analyzed and additional steps needed to help ensure the safety of all the students within the school.

School Sampling Process and Results

GCWW and Forest Hills School District (FHSD) staff worked together to finalize a sampling plan for the school. 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.

In May, fifteen (15) additional samples were collected from drinking fountains and sinks throughout the school. The results show the following:

- 13 samples (86.67%), below the detection level (<1)
- 2 samples (13.33%), between 1ppb and 5ppb
- 0 samples (0%), between 5ppb and 10ppb
- 0 samples (0%), between 10ppb and 15ppb
- 0 samples (0%) greater than 15ppb.

One hundred percent (100%) of the sample results were below the detection level or below the federal action level.

Fifteen parts per billion (ppb) is the federal Lead and Copper Rule action level; desired results are below 15. The federal action level of 15ppb pertains to water utilities and the GCWW' review and comments are based on this action level. However, the USEPA 3Ts Guidelines document outlines practices for schools to put in place if samples are greater than 20 ppb.

While we strive to have results less than 15, we recognize that lead is a pervasive environmental contaminant, and no safe blood lead threshold has been identified in children or adults. Therefore, we provide recommendations to further reduce any lead levels discovered in your school.

Next steps

GCWW has reviewed the results from your samples and provides some next-steps comments.

1. Great news for the drinking fountains! All results were below the detection level; no lead was detected. No further action is suggested for these sample locations.



2. Two restroom sinks had low lead detections. Lead is not an issue for body contact such as bathing, showering, and washing hands. However, it is assumed that you wanted to identify ways to further reduce the risk of lead at all the sample locations. Cleaning the aerators in the faucets may help reduce the risk of lead.
3. Continue to share the sampling results with your school community. Sharing the results will inform the school community of the sampling work the school has done to date and the steps the school will take to correct any issues discovered.

Greater Cincinnati Water Works takes the presence of lead service lines and the removal of those service lines in our system very seriously. In addition, minimizing the exposure of lead within our preschools, schools, and daycares is one of our highest priorities under our Enhanced Lead Program. Please contact Jim Nelson at 591-6869 if you have any questions.

Thanks again for your partnership with Greater Cincinnati Water Works and your work to further understand the water quality within your building. Your extra steps and care to keep the children in our community safe are appreciated!

Sincerely,

A handwritten signature in black ink that reads "Cathy B. Bailey". The signature is written in a cursive style with a large initial "C".

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



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Forest Hills School District - Summit Elementary School - Lead Testing Results

SAMPLE #	SAMPLE DATE	SAMPLE TIME	COMMENTS	PARAMETER CODE	AMOUNT	GCWW COMMENTS/REVIEW/RECOMMENDATIONS REGARDING RESULTS
SUM120	5/10/2017	6:00:00	SUM-FL1-257HEALTH-SINK-SUM120	Lead, ppb	<1	Less than detection level
SUM121	5/10/2017	6:00:00	SUM-FL1-257HEALTH-DF-SUM121	Lead, ppb	<1	Less than detection level
SUM122	5/10/2017	6:00:00	SUM-FL1-257HEALTHRR-SINK-SUM122	Lead, ppb	<1	Less than detection level
SUM123	5/10/2017	6:05:00	SUM-FL1-261-SINK-SUM123	Lead, ppb	<1	Less than detection level
SUM124	5/10/2017	6:05:00	SUM-FL1-261-DF-SUM124	Lead, ppb	<1	Less than detection level
SUM125	5/10/2017	6:05:00	SUM-FL1-261RR-SINK-SUM125	Lead, ppb	3.5	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SUM126	5/10/2017	6:05:00	SUM-FL1-263-SINK-SUM126	Lead, ppb	<1	Less than detection level
SUM127	5/10/2017	6:10:00	SUM-FL1-263-DF-SUM127	Lead, ppb	<1	Less than detection level
SUM128	5/10/2017	6:05:00	SUM-FL1-263RR-SINK-SUM128	Lead, ppb	<1	Less than detection level
SUM129	5/10/2017	6:10:00	SUM-FL1-264-SINK-SUM129	Lead, ppb	<1	Less than detection level
SUM130	5/9/2017	6:10:00	SUM-FL1-264-DF-SUM130	Lead, ppb	<1	Less than detection level
SUM131	5/10/2017	6:10:00	SUM-FL1-264RR-SINK-SUM131	Lead, ppb	3.45	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SUM132	5/10/2017	6:15:00	SUM-FL1-267-SINK-SUM132	Lead, ppb	<1	Less than detection level
SUM133	5/10/2017	6:15:00	SUM-FL1-267-DF-SUM133	Lead, ppb	<1	Less than detection level
SUM134	5/10/2017	6:15:00	SUM-FL1-267RR-SINK-SUM134	Lead, ppb	<1	Less than detection level