



December 16, 2016

St. Aloysius on the Ohio
Kristin Penley
6207 Portage St.
Cincinnati, OH 45233

Dear Kristin:

Thank you for taking the responsibility seriously to protect the health of the children by voluntarily testing the water in your school for lead! This has not been a short and easy experience for you, and we appreciate your time, attention and dedication to this process.

Four rounds of lead analyses performed for St. Aloysius on the Ohio School by the Greater Cincinnati Water Works (GCWW) are included in this summary. 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 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.

Please refer to prior summary letters outlining specific comments for samples in Rounds 1, 2, and 3.

Round 4 samples were collected after school staff installed a new hot water heater. Five samples were collected after that installation.

Actions and next steps

GCWW has reviewed the results and provides the following comments:

1. For the five sample locations, lead levels are greatly reduced! The installation of a new hot water heater has further reduced the risk of lead in the school building. The schools swift action to make this change has improved the situation significantly.
2. Based on the sample location names, these locations are not drinking water or cooking outlets. However, as an added precaution, if you haven't done so already, consider posting signs that these locations are for hand washing only and are not to be used as drinking water or cooking outlets.
3. Although lead levels are greatly reduced and now below the federal action level of 15ppb and the 20ppb trigger level for schools to take action (3Ts Guidelines), lead detection still occurred in each sample. GCWW is available to continue assisting if the school wants to explore other reasons for these detections and resample.
4. Some fixtures may be contributing to the lead detection in samples. Consider using the grant you obtained to replace fixtures.



5. Further discussion is needed regarding the samples from the Church (Church has copper service line). Review how water is being used within the building. If water is not used on a regular basis at some of these outlets, the infrequent use at the outlet may be contributing to the lead detections. This might be the case for the church. Signage at these locations may also be helpful (hand washing only, etc.).
6. Continue communicating with your school community regarding the results and actions taken.

Overall, your work and many changes in the school have greatly improved the water quality for the students and staff.

- Replacement of the lead service line to the school was the major improvement.
- Lead levels have been greatly reduced at all the sample locations that are the ‘normal’ drinking water and cooking outlets (water coolers).
- Lead levels have also been greatly reduced at various sinks throughout the building.
- Each round of changes and improvements has made a difference that can be seen in the sampling results.

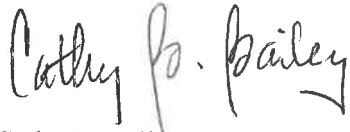
Results are below. GCWW appreciates the rapid response and remedies St. Aloysius continues to quickly put in place upon hearing the results from the samples in each round.

St. Aloysius on the Ohio - Lead Testing Results						
#	SAMPLE NAME	PARAMETER CODE	Round 1 9/14/16 AMOUNT	Round 2 10/25/16 AMOUNT	Round 3 11/5/16 AMOUNT	Round 4 11/30/16 AMOUNT
1	STALSOHIO_RM1SINK_695058	Lead, ppb	15.6	11.9	<1	
2	STALSOHIO_RM1ASINK_694988	Lead, ppb	17.6	11.7	1.04	
3	STALSOHIO_RM3SINK_695004	Lead, ppb	14.3	7.17	2.32	
4	STALSOHIO_BOYSSINK1_695062	Lead, ppb	5.3	6.73	55.41	4.7
5	STALSOHIO_BOYSSINK2_694965	Lead, ppb	5.63	6.63	25.96	3.85
6	STALSOHIO_BOYSSINK3_694957	Lead, ppb	6.82	6.29	55.7	4
7	STALSOHIO_BASEMENTDRKFNTN_694980	Lead, ppb	11	17.9	1.87	
8	STALSOHIO_1FLOORWATERCOOLER1_695038	Lead, ppb	12.5	23.6	1.21	
9	STALSOHIO_GIRLSSINK1_694993	Lead, ppb	9.4	8.35	6.09	
10	STALSOHIO_GIRLSSINK2_695046	Lead, ppb	11.3	8.46		3.11
11	STALSOHIO_GIRLSSINK3_695064	Lead, ppb	9.92	8.4	11.4	3.32
12	STALSOHIO_WOMENSSINK1_695073	Lead, ppb	16.7	8.81		
13	STALSOHIO_1FLOORWATERCOOLER2_695070	Lead, ppb	12.3	23.1	1.07	
14	STALSOHIO_MULTIPURPOSESINK1_694992	Lead, ppb	8.57	11.2	7.66	
15	STALSOHIO_MULTIPURPOSESINK2_695050	Lead, ppb	10.2	10.2	2.12	
16	STALSOHIO_LIBRARYSINK_695072	Lead, ppb	10	14.1		
17	STALSOHIO_CHURCHDF_RESAMPLEAFTERSBC	Lead, ppb	N/A	11.3	N/A	
18	STALSOHIO_CHURCHRRSINK_RESAMPLEAFTERSBC	Lead, ppb	N/A	1.9	N/A	
19	STALSOHIO_SACRISTYSINK_RESAMPLEAFTERSBC	Lead, ppb	N/A	16.6	N/A	
20	STALSOHIO_1STFLOORPARISHCENTERRR_RESAMPLEAFTERSBC	Lead, ppb	N/A	2.97	N/A	
21	STALSOHIO_PARISHCENTERKITCHEN_RESAMPLEAFTERSBC	Lead, ppb	N/A	5.39	N/A	
22	STALSOHIO_PARISHCENTER2NDFLRR_RESAMPLEAFTERSBC	Lead, ppb	N/A	16.6	N/A	

We understand this has been a longer than expected process for you with four rounds of sampling, replacement of the lead service line and a new hot water heater. But your decisions and quick actions throughout this process speak to your care and commitment to ensure the children remain safe and healthy while attending your school.

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. We look forward to our continued partnership with St. Aloysius on the Ohio School. Our resources are available to assist in many ways. Please contact Jim Nelson at 591-6869 if you would like to pursue further actions in the school and the church.

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" and a long, sweeping underline.

Cathy B. Bailey
Director/Greater Cincinnati Water Works

Cc: Andy Martini, St. Aloysius on the Ohio
Tim Gates, St. Aloysius on the Ohio
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