



March 15, 2018

St. Mary Hyde Park Church and School  
Mr. Jeff Rinear  
2845 Erie Avenue  
Cincinnati, OH 45208

Dear Mr. Rinear,

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

Attached please find the results of the lead analyses performed for St. Mary Hyde Park School and Church 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 and church.

**School Sampling Process and 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.

In December 2017, fifty-one (51) samples were collected from drinking fountains, cooking outlets and sinks throughout the school; seventeen (17) samples were collected in the church. One additional location was not sampled. The results for the school and church show the following:

School	Church
36 samples (70.59%), below the detection level (<1)	6 samples (35.30%), below the detection level (<1)
15 samples (29.41%), between 1ppb and 5ppb	10 samples (58.82%), between 1ppb and 5ppb
0 samples (0%), between 5ppb and 10ppb	0 samples (0%), between 5ppb and 10ppb
0 samples (0%), between 10ppb and 15ppb	1 samples (5.88%), between 10ppb and 15ppb
0 samples (0%) greater than 15ppb.	0 samples (0%) greater than 15ppb.

One hundred percent (100%) of the school and church 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 Greater Cincinnati Water Works 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.

### Next steps

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

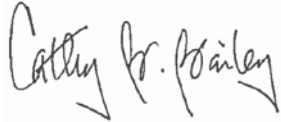
1. Great news! No sample locations had lead detections above the federal action level of 15ppb. Given this, all suggestions are to further reduce the risk of lead (lower the lead levels).
2. Low lead detections occurred for a few drinking fountain sample locations:
  - a. SMHP-SCHFL1-HALLWAYNEAR106-LDF-SMHP31
  - b. SMHP-SCHFL1-HALLWAYNEAR106-RDF-SMHP32
  - c. SMHP-SCHFL2-HALLWAYNEAR202-RDF-SMHP39
  - d. SMHP-SETONBASE-HALLWAYNEARSTAIRS-DF-SMHP59.These locations had minimal detections. If interested in further reducing the risk of lead, consider flushing the line (letting the water run) before use.
3. A few sample locations in the kitchen had low lead detections. It is assumed these locations are used for food or drink preparation. Consider flushing the line (letting the water run) before use to reduce the risk of lead.
4. One restroom sink, SMHP-SETONBASE-RR-SINK-SMHP58, had the highest lead detection (but still below action level). If this sink is not used on a regular basis, the infrequent use may be contributing to the lead detection. Lead is not an issue for body contact such as bathing, showering, and washing hands.
5. Other sinks had lead detections. Based on the names, these are not used for drinking water or cooking purposes.
  - a. Lead is not an issue for body contact such as bathing, showering, and washing hands.
  - b. Cleaning the aerators at these locations may lower the lead levels.
  - c. If the locations with lead detections are not used on a regular basis, then the infrequent use may be contributing to the lead detections.
6. Bottom-line, all of the sample results were below the federal action level and below the 3Ts guidelines trigger level for schools to take action. The suggestions listed above are actions you can take to further reduce the lead levels detected.
7. If it hasn't occurred already, a robust communications plan is suggested. Communications plan steps are outlined in the 3Ts Guidelines. This plan 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. GCWW employees can assist with this plan and are available to attend any school meetings to help explain our lead program, the sample results and our partnership with your school. Suggestions for language and a letter template can be provided if needed. Sampling results will be posted on the GCWW lead.mygcww.org website with other school sampling results.

Greater Cincinnati Water Works takes the presence of lead service lines and the removal of 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 your school. Our resources are available to assist in many ways. Please contact Jim Nelson at 591-6869 for further assistance.

Thanks again for your partnership with Greater Cincinnati Water Works and your work to further understand the water quality within your school. 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  
Patrick Duhaney, City of Cincinnati  
Verna Arnette, Greater Cincinnati Water Works  
Jeff Swertfeger, Greater Cincinnati Water Works  
Jason DeLaet, Greater Cincinnati Water Works

**Cincinnati Archdiocese - St. Mary School - Hyde Park - Lead Testing Results**

SAMPLE #	SAMPLE DATE	SAMPLE TIME	SAMPLE	PARAMETER, CODE	AMOUNT	GCWW COMMENTS/REVIEW/RECOMMENDATIONS REGARDING RESULTS
SMHP1	12/21/2017	9:10	SMHP-UNDERC-MRR-LSINK-SMHP1	Lead, ppb	1.63	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP2	12/21/2017	9:11	SMHP-UNDERC-MRR-RSINK-SMHP2	Lead, ppb	1.74	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP3	12/21/2017	9:12	SMHP-UNDERC-WRR-LSINK-SMHP3	Lead, ppb	3.42	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP4	12/21/2017	9:12	SMHP-UNDERC-WRR-RSINK-SMHP4	Lead, ppb	1.82	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP5	12/21/2017	9:15	SMHP-UNDERC-UNIRR-SINK-SMHP5	Lead, ppb	<1	Less than detection level
SMHP6	12/21/2017	9:20	SMHP-UNDERC-HALLWAYNEARUNIRR-DF-SMHP6	Lead, ppb	<1	Less than detection level
SMHP7	12/21/2017	9:22	SMHP-UNDERC-KITCHEN-SINK-SMHP7	Lead, ppb	2.04	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP8	12/21/2017	9:26	SMHP-CH-RR-SINK-SMHP8	Lead, ppb	<1	Less than detection level
SMHP9	12/21/2017	9:28	SMHP-CH-SACRESTY-SINK-SMHP9	Lead, ppb	2.28	Less than detection level
SMHP10	12/21/2017	9:34	SMHP-SCHFL1-101-SINK-SMHP10	Lead, ppb	<1	Less than detection level
SMHP11	12/21/2017	9:34	SMHP-SCHFL1-101-DF-SMHP11	Lead, ppb	<1	Less than detection level
SMHP12	12/21/2017	9:36	SMHP-SCHFL1-100-SINK-SMHP12	Lead, ppb	<1	Less than detection level
SMHP13	12/21/2017	9:36	SMHP-SCHFL1-100-DF-SMHP13	Lead, ppb	<1	Less than detection level
SMHP14	12/21/2017	9:41	SMHP-SCHFL1-UNIRRNEAR100-SINK-SMHP14	Lead, ppb	1.25	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP15	12/21/2017	9:41	SMHP-SCHFL1-RRNEARGYMSTAIRS-SINK-SMHP15	Lead, ppb	<1	Less than detection level
SMHP16	N/A	N/A	SMHP-SCHFL1-HALLWAYNEARGYMSTAIRS-LDF-SMHP16	Lead, ppb	N/A	Drinking fountain was disconnected at the time of walkthrough and sampling.
SMHP17	12/21/2017	9:47	SMHP-SCHFL1-HALLWAYNEARGYMSTAIRS-RDF-SMHP17	Lead, ppb	<1	Less than detection level

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SMHP18	12/21/2017	9:50	SMHP-SCHFL2-CONCESSION-UTILITYSINK-SMHP18	Lead, ppb	3.81	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP19	12/21/2017	9:50	SMHP-SCHFL2-CONCESSION-HANDSINK-SMHP19	Lead, ppb	<1	Less than detection level
SMHP20	12/21/2017	9:45	SMHP-SCHFL2-NEARCONCESSION-DF-SMHP20	Lead, ppb	<1	Less than detection level
SMHP21	12/21/2017	9:44	SMHP-SCHFL1-KITCHEN-IM-SMHP21	Lead, ppb	<1	Less than detection level
SMHP22	12/21/2017	9:44	SMHP-SCHFL1-KITSTOCKPOT-FILLER-SMHP22	Lead, ppb	<1	Less than detection level
SMHP23	12/21/2017	9:44	SMHP-SCHFL1-KIT3TUB-SINK-SMHP23	Lead, ppb	<1	Less than detection level
SMHP24	12/21/2017	9:44	SMHP-SCHFL1-KIT3TUB-SPRAYER-SMHP24	Lead, ppb	1.16	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP25	12/21/2017	9:40	SMHP-SCHFL1-BOYSRRNEARCAFE-LSINK-SMHP25	Lead, ppb	<1	Less than detection level
SMHP26	12/21/2017	9:40	SMHP-SCHFL1-BOYSRRNEARCAFE-MSINK-SMHP26	Lead, ppb	<1	Less than detection level
SMHP27	12/21/2017	9:40	SMHP-SCHFL1-BOYSRRNEARCAFE-RSINK-SMHP27	Lead, ppb	<1	Less than detection level
SMHP28	12/21/2017	9:40	SMHP-SCHFL1-GIRLSRRNEARCAFE-LSINK-SMHP28	Lead, ppb	<1	Less than detection level
SMHP29	12/21/2017	9:40	SMHP-SCHFL1-GIRLSRRNEARCAFE-MSINK-SMHP29	Lead, ppb	<1	Less than detection level
SMHP30	12/21/2017	9:40	SMHP-SCHFL1-GIRLSRRNEARCAFE-RSINK-SMHP30	Lead, ppb	1.67	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP31	12/21/2017	9:37	SMHP-SCHFL1-HALLWAYNEAR106-LDF-SMHP31	Lead, ppb	2.01	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP32	12/21/2017	9:37	SMHP-SCHFL1-HALLWAYNEAR106-RDF-SMHP32	Lead, ppb	1.44	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP33	12/21/2017	9:37	SMHP-SCHFL1-STAFFLOUNGENEAR106-SINK-SMHP33	Lead, ppb	1.54	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP34	12/21/2017	9:41	SMHP-SCHBASE-RR-SINK-SMHP34	Lead, ppb	<1	Less than detection level
SMHP35	12/21/2017	9:41	SMHP-SCHBASE-HALLWAY-DF-SMHP35	Lead, ppb	<1	Less than detection level
SMHP36	12/21/2017	9:41	SMHP-SCHBASE-D5ART-LSINK-SMHP36	Lead, ppb	<1	Less than detection level
SMHP37	12/21/2017	9:41	SMHP-SCHBASE-D5ART-RSINK-SMHP37	Lead, ppb	<1	Less than detection level

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SMHP38	12/21/2017	9:27	SMHP-SCHFL2-HALLWAYNEAR202-LDF-SMHP38	Lead, ppb	<1	Less than detection level
SMHP39	12/21/2017	9:27	SMHP-SCHFL2-HALLWAYNEAR202-RDF-SMHP39	Lead, ppb	1.07	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP40	12/21/2017	9:24	SMHP-SCHFL2-BOYSRRNEAR206-LSINK-SMHP40	Lead, ppb	<1	Less than detection level
SMHP41	12/21/2017	9:24	SMHP-SCHFL2-BOYSRRNEAR206-RSINK-SMHP41	Lead, ppb	<1	Less than detection level
SMHP42	12/21/2017	9:24	SMHP-SCHFL2-GIRLSRRNEAR206-LSINK-SMHP42	Lead, ppb	<1	Less than detection level
SMHP43	12/21/2017	9:22	SMHP-SCHFL2-GIRLSRRNEAR206-RSINK-SMHP43	Lead, ppb	<1	Less than detection level
SMHP44	12/21/2017	9:22	SMHP-SCHFL2-NURSE-SINK-SMHP44	Lead, ppb	<1	Less than detection level
SMHP45	12/21/2017	9:14	SMHP-SCHFL2-NURSERR-SINK-SMHP45	Lead, ppb	<1	Less than detection level
SMHP46	12/21/2017	9:14	SMHP-SCHFL3-LIBSTAFFWKRM-SINK-SMHP46	Lead, ppb	<1	Less than detection level
SMHP47	12/21/2017	9:14	SMHP-SCHFL3-302-LSINK-SMHP47	Lead, ppb	<1	Less than detection level
SMHP48	12/21/2017	9:14	SMHP-SCHFL3-302-RSINK-SMHP48	Lead, ppb	<1	Less than detection level
SMHP49	12/21/2017	9:14	SMHP-SCHFL3-HALLWAYNEAR303-DF-SMHP49	Lead, ppb	<1	Less than detection level
SMHP50	12/21/2017	9:15	SMHP-SCHFL3-BOYSRRNEAR303-LSINK-SMHP50	Lead, ppb	<1	Less than detection level
SMHP51	12/21/2017	9:15	SMHP-SCHFL3-BOYSRRNEAR303-RSINK-SMHP51	Lead, ppb	<1	Less than detection level
SMHP52	12/21/2017	9:15	SMHP-SCHFL3-GIRLSRRNEAR303-LSINK-SMHP52	Lead, ppb	2.21	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP53	12/21/2017	9:15	SMHP-SCHFL3-GIRLSRRNEAR303-RSINK-SMHP53	Lead, ppb	<1	Less than detection level
SMHP54	12/21/2017	10:08	SMHP-RECTORYFL2-RR-SINK-SMHP54	Lead, ppb	<1	Less than detection level
SMHP55	12/21/2017	10:08	SMHP-RECTORYFL1-KITCHEN-SINK-SMHP55	Lead, ppb	1.3	Less than detection level
SMHP56	12/21/2017	10:08	SMHP-RECTORYFL1-WESTRR-SINK-SMHP56	Lead, ppb	<1	Less than detection level
SMHP57	12/21/2017	10:08	SMHP-RECTORYFL1-EASTRR-SINK-SMHP57	Lead, ppb	3.66	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP58	12/21/2017	10:05	SMHP-SETONBASE-RR-SINK-SMHP58	Lead, ppb	10.1	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP59	12/21/2017	10:05	SMHP-SETONBASE-HALLWAYNEARSTAIRS-DF-SMHP59	Lead, ppb	1.18	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.

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SMHP60	12/21/2017	10:05	SMHP-SETONBASE-BOYSCOUTRM-UTILITYSINK-SMHP60	Lead, ppb	1.09	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP61	12/21/2017	10:05	SMHP-SETONBASE-BOYSCOUTRM-SINK-SMHP61	Lead, ppb	1.17	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP62	12/21/2017	10:02	SMHP-SETONFL1-MARIONSOUTHRR-SINK-SMHP62	Lead, ppb	<1	Less than detection level
SMHP63	12/21/2017	10:02	SMHP-SETONFL1-MARIONNORTHRR-SINK-SMHP63	Lead, ppb	1.13	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP64	12/21/2017	10:02	SMHP-SETONFL1-MARIONKITCHEN-SINK-SMHP64	Lead, ppb	<1	Less than detection level
SMHP65	12/21/2017	9:55	SMHP-SETONFL2-2RMEETING-DF-SMHP65	Lead, ppb	<1	Less than detection level
SMHP66	12/21/2017	9:55	SMHP-SETONFL2-2RMEETINGMENSRR-LSINK-SMHP66	Lead, ppb	2.02	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP67	12/21/2017	9:55	SMHP-SETONFL2-2RMEETINGMENSRR-RSINK-SMHP67	Lead, ppb	4.47	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP68	12/21/2017	9:55	SMHP-SETONFL2-2RMEETINGWOMENSRR-LSINK-SMHP68	Lead, ppb	2.39	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SMHP69	12/21/2017	9:55	SMHP-SETONFL2-2RMEETINGWOMENSRR-RSINK-SMHP69	Lead, ppb	4.91	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.