



December 16, 2016

Corryville Catholic Elementary School  
Bill Kasper  
108 Calhoun Street  
Cincinnati, OH 45219

Dear Bill:

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 Corryville Catholic 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**

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 November, twenty-nine (29) samples were collected from drinking fountains and sinks throughout the school. The results show the following:

- 23 samples (79.31%), below the detection level (<1)
- 5 samples (17.24%), between 1ppb and 5ppb
- 1 sample (3.45%), between 5ppb and 10ppb

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 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 at drinking water and cooking outlets.

#### **Next steps**

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

1. A few drinking water and cooking outlet locations had lead detections (sample locations in kitchen; drinking fountain). Although lower than the 15 ppb action level, consider flushing the lines before using the water. Refer to the USEPA 3Ts Guidelines for more information.

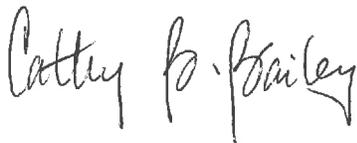


2. Some sink samples had lead detections. As an added precaution, consider posting signs at sink locations indicating 'hand washing only' or a similar message as these locations should not be used as drinking water or cooking outlets. Refer to the USEPA 3Ts Guidelines for more information and suggestions on signage.
3. Consider completing a plumbing profile to review the fixtures in the school as some fixtures may be contributing to the lead detections in samples. If the fixtures are the source of the lead, plan to replace them. GCWW is available to assist with follow-up/repeat sampling related to this.
4. 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. Sampling results will be posted on the GCWW [lead.mygcww.org](http://lead.mygcww.org) website with other school sampling results.

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.

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,



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

**Cincinnati Archdiocese - Corryville Catholic School - Lead Teasting Results**

SAMPLE #	SCHOOL	SAMPLE DATE	SAMPLE TIME	SAMPLE NAME	PARAMETER CODE	AMOUNT	GCWW COMMENTS/REVIEW/RECOMMENDATIONS REGARDING RESULTS
CCE1	Corryville Catholic Elementary	11/23/2016	9:15	CCE-BASEMENT-ARTRM-SINK-CCE1	Lead, ppb	2.45	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
CCE2	Corryville Catholic Elementary	11/23/2016	9:16	CCE-BASEMENT-UNIRR-LSINK-CCE2	Lead, ppb	2.41	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
CCE3	Corryville Catholic Elementary	11/23/2016	9:20	CCE-BASEMENT-UNIRR-RSINK-CCE3	Lead, ppb	1.54	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
CCE4	Corryville Catholic Elementary	11/23/2016	8:47	CCE-BASEMENT-KITCHEN-HANDSINK-CCE4	Lead, ppb	<1	Less than detection level
CCE5	Corryville Catholic Elementary	11/23/2016	8:49	CCE-BASEMENT-KITCHEN-UTILITYSINK-CCE5	Lead, ppb	<1	Less than detection level
CCE6	Corryville Catholic Elementary	11/23/2016	8:50	CCE-BASEMENT-KITCHENWASH-LUTILITYSINK-CCE6	Lead, ppb	1.39	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.

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CCE7	Corryville Catholic Elementary	11/23/2016	8:51	CCE-BASEMENT-KITCHENWASH-RUTILITYSINK-CCE7	Lead, ppb	2.13	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
CCE8	Corryville Catholic Elementary	11/23/2016	9:10	CCE-BASEMENT-CAFE-IM-CCE8	Lead, ppb	<1	Less than detection level
CCE9	Corryville Catholic Elementary	11/23/2016	8:56	CCE-BASEMENT-CAFEGIRLSRR-LSINK-CCE9	Lead, ppb	<1	Less than detection level
CCE10	Corryville Catholic Elementary	11/23/2016	8:57	CCE-BASEMENT-CAFEGIRLSRR-MSINK-CCE10	Lead, ppb	<1	Less than detection level
CCE11	Corryville Catholic Elementary	11/23/2016	8:59	CCE-BASEMENT-CAFEGIRLSRR-RSINK-CCE11	Lead, ppb	<1	Less than detection level
CCE12	Corryville Catholic Elementary	11/23/2016	9:02	CCE-BASEMENT-CAFEBOYSRR-LSINK-CCE12	Lead, ppb	<1	Less than detection level
CCE13	Corryville Catholic Elementary	11/23/2016	9:05	CCE-BASEMENT-CAFEBOYSRR-RSINK-CCE13	Lead, ppb	<1	Less than detection level
CCE14	Corryville Catholic Elementary	11/23/2016	9:10	CCE-BASEMENT-CAFE-DF-CCE14	Lead, ppb	<1	Less than detection level
CCE15	Corryville Catholic Elementary	11/23/2016	8:25	CCE-FL1-TEACHERLOUNGE-SINK-CCE15	Lead, ppb	<1	Less than detection level
CCE16	Corryville Catholic Elementary	11/23/2016	8:30	CCE-FL1-HALLWAYNEARGYM-DF-CCE16	Lead, ppb	<1	Less than detection level
CCE17	Corryville Catholic Elementary	11/23/2016	8:32	CCE-FL1-GIRLSRRNEARGYM-LSINK-CCE17	Lead, ppb	<1	Less than detection level
CCE18	Corryville Catholic Elementary	11/23/2016	8:34	CCE-FL1-GIRLSRRNEARGYM-MSINK-CCE18	Lead, ppb	<1	Less than detection level

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CCE19	Corryville Catholic Elementary	11/23/2016	8:37	CCE-FL1-GIRLSRRNEARGYM-RSINK-CCE19	Lead, ppb	<1	Less than detection level
CCE20	Corryville Catholic Elementary	11/23/2016	8:21	CCE-FL1-HALLWAYNEARNURSEOFF-DF-CCE20	Lead, ppb	<1	Less than detection level
CCE21	Corryville Catholic Elementary	11/23/2016	8:18	CCE-FL1-HALLWAYNEARDEVELOPOFF-DF-CCE21	Lead, ppb	6.33	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
CCE22	Corryville Catholic Elementary	11/23/2016	8:15	CCE-FL1-DEVELOPMENTOFFRRR-SINK-CCE22	Lead, ppb	<1	Less than detection level
CCE23	Corryville Catholic Elementary	11/23/2016	9:38	CCE-FL2-HALLWAYNEARMSPHILLIPS26-DF-CCE23	Lead, ppb	<1	Less than detection level
CCE24	Corryville Catholic Elementary	11/23/2016	9:40	CCE-FL2-SCIENCERM-SINK-CCE24	Lead, ppb	<1	Less than detection level
CCE25	Corryville Catholic Elementary	11/23/2016	9:52	CCE-FL2-BOYSRR-LSINK-CCE25	Lead, ppb	<1	Less than detection level
CCE26	Corryville Catholic Elementary	11/23/2016	9:54	CCE-FL2-BOYSRR-RSINK-CCE26	Lead, ppb	<1	Less than detection level
CCE27	Corryville Catholic Elementary	11/23/2016	9:42	CCE-FL2-GIRLSRR-LSINK-CCE27	Lead, ppb	<1	Less than detection level
CCE28	Corryville Catholic Elementary	11/23/2016	9:44	CCE-FL2-GIRLSRR-MSINK-CCE28	Lead, ppb	<1	Less than detection level
CCE29	Corryville Catholic Elementary	11/23/2016	9:46	CCE-FL2-GIRLSRR-RSINK-CCE29	Lead, ppb	<1	Less than detection level