



August 13, 2018

St. John the Baptist School & Parish  
Tom Cunningham  
5375 Dry Ridge Road  
Cincinnati, OH 45252

Dear Mr. Cunningham,

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 St. John the Baptist School and Parish 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 April, eighty-three (83) samples were collected from drinking fountains, cooking outlets and sinks throughout the school. One additional location was not sampled. The results show the following:

- 52 samples (62.65%), below the detection level (<1)
- 25 samples (30.12%), between 1ppb and 5ppb
- 1 samples (1.20%), between 5ppb and 10ppb
- 4 samples (4.82%), between 10ppb and 15ppb
- 1 samples (1.20%) greater than 15ppb.

Ninety-eight percent (98.80%) of the school 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

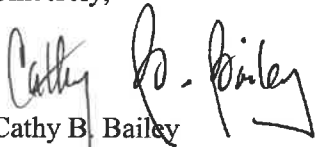
GCWW has reviewed the results from your samples and provides some next-steps comments.

1. Great news! No lead was detected in any of the twelve (12) drinking fountains and bottle fillers tested in the school. No further action is needed at these locations.
2. A few faucets in the cafeteria 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.
3. One (1) sample location, SJDR-POUL-YOUTHMINISTRYRR-SINK-SJDR71, had a lead detection above the federal action or above the 3Ts Guidelines trigger of 20ppb for schools to take action.
  - a. Lead is not an issue for body contact such as bathing, showering, and washing hands. However, consider an immediate remedy such as taking the sample locations out of service until a more defined plan can be created or post a sign limiting the use at these locations. Refer to the USEPA 3Ts Guidelines for more information and suggestions on signage.
  - b. After posting a sign to immediately limit use or removing the location from service, consider cleaning the aerator (screen) and flushing the location after cleaning. This cleaning may help to reduce the risk of lead at these locations. GCWW can assist with resampling and retesting these locations after cleaning aerators.
  - c. If the locations are not used on a regular basis, then the infrequent use may be contributing to the lead detections.
  - d. If lead detections still occur after resampling or if the locations are used infrequently, consider posting a sign above the locations or in the room limiting the purpose of the sinks ('hand washing only', 'work sink only', 'for art class only-not for drinking purposes', etc.). Posting a sign will deter students and staff from potentially using the sinks to fill a water bottle, etc. Other suggestions can be provided once we have the results from retesting.
4. Most of the samples locations at the athletic fields had lead detections. If these locations are not used on a regular basis, then the infrequent use may be contributing to the lead detections. Cleaning aerators may help temporarily, but if the locations are not used often, if sampled again, lead detections may occur. Consider posting signs at these locations, limiting the use.
5. Other locations 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 at these locations too.
  - c. Consider posting signs limiting the purpose of the sinks and other locations.
6. Bottom-line, the majority of the sample results were below the federal action level or below the 3Ts guidelines trigger level for schools to take action. After removing one location from service, cleaning aerators and posting signs should be initial steps to consider before faucets are replaced, etc. We can work quickly with your team to resample and retest the out of service location.
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.mycgww.org](http://lead.mycgww.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,



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  
James Nelson, Greater Cincinnati Water Works

**Cincinnati Archdiocese - St. John the Baptist School & Church - Lead Testing Results**

SAMPLE #	SAMPLE DATE	SAMPLE TIME	SAMPLE	PARAMETER, CODE	AMOUNT	GCWW COMMENTS/REVIEW/RECOMMENDATIONS REGARDING RESULTS
<b>SCHOOL</b>						
SJDR1	4/27/2018	4:30	SJDR-LL-ARTRM-SINK-SJDR1	Lead, ppb	<1	Less than detection level
SJDR2	4/27/2018	4:30	SJDR-LL-HALLNEARART-DF-SJDR2	Lead, ppb	<1	Less than detection level
SJDR3	4/27/2018	4:30	SJDR-LL-RR-SINK-SJDR3	Lead, ppb	<1	Less than detection level
SJDR4	4/27/2018	4:30	SJDR-LL-NURSERR-LSINK-SJDR4	Lead, ppb	2.1	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR5	4/27/2018	4:30	SJDR-ML-GRR-LSINK-SJDR5	Lead, ppb	<1	Less than detection level
SJDR6	4/27/2018	4:30	SJDR-ML-GRR-MSINK-SJDR6	Lead, ppb	<1	Less than detection level
SJDR7	4/27/2018	4:30	SJDR-ML-GRR-RSINK-SJDR7	Lead, ppb	<1	Less than detection level
SJDR8	4/27/2018	4:30	SJDR-ML-HALLNEAR14-LDF-SJDR8	Lead, ppb	<1	Less than detection level
SJDR9	4/27/2018	4:30	SJDR-ML-HALLNEAR14-RDF-SJDR9	Lead, ppb	<1	Less than detection level
SJDR10	4/27/2018	4:30	SJDR-ML-BRRLWALL-LSINK-SJDR10	Lead, ppb	<1	Less than detection level
SJDR11	4/27/2018	4:30	SJDR-ML-BRRLWALL-RSINK-SJDR11	Lead, ppb	<1	Less than detection level
SJDR12	4/27/2018	4:30	SJDR-ML-BRRRWALL-LSINK-SJDR12	Lead, ppb	<1	Less than detection level
SJDR13	4/27/2018	4:30	SJDR-ML-BRRRWALL-MSINK-SJDR13	Lead, ppb	<1	Less than detection level
SJDR14	4/27/2018	4:30	SJDR-ML-BRRRWALL-RSINK-SJDR14	Lead, ppb	<1	Less than detection level
SJDR15	4/27/2018	4:30	SJDR-ML-HALLNEAR17-LDF-SJDR15	Lead, ppb	<1	Less than detection level
SJDR16	4/27/2018	4:30	SJDR-ML-HALLNEAR17-RDF-SJDR16	Lead, ppb	<1	Less than detection level
SJDR17	4/27/2018	4:30	SJDR-UL-BRR-LSINK-SJDR17	Lead, ppb	<1	Less than detection level
SJDR18	4/27/2018	4:30	SJDR-UL-BRR-MSINK-SJDR18	Lead, ppb	<1	Less than detection level
SJDR19	4/27/2018	4:30	SJDR-UL-BRR-RSINK-SJDR19	Lead, ppb	<1	Less than detection level
SJDR20	4/27/2018	4:30	SJDR-UL-HALLNEAR8-LDF-SJDR20	Lead, ppb	<1	Less than detection level
SJDR21	4/27/2018	4:30	SJDR-UL-HALLNEAR8-RDF-SJDR21	Lead, ppb	<1	Less than detection level
SJDR22	4/27/2018	4:30	SJDR-UL-GRR-FLSINK-SJDR22	Lead, ppb	<1	Less than detection level
SJDR23	4/27/2018	4:30	SJDR-UL-GRR-LSINK-SJDR23	Lead, ppb	<1	Less than detection level
SJDR24	4/27/2018	4:30	SJDR-UL-GRR-MSINK-SJDR24	Lead, ppb	<1	Less than detection level
SJDR25	4/27/2018	4:30	SJDR-UL-GRR-RSINK-SJDR25	Lead, ppb	<1	Less than detection level
SJDR26	4/27/2018	4:30	SJDR-UL-GRR-FRSINK-SJDR26	Lead, ppb	<1	Less than detection level
SJDR27	4/27/2018	4:30	SJDR-UL-LOUNGERR-SINK-SJDR27	Lead, ppb	<1	Less than detection level

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SAMPLE #	SAMPLE DATE	SAMPLE TIME	SAMPLE	PARAMETER, CODE	AMOUNT	GCWW COMMENTS/REVIEW/RECOMMENDATIONS REGARDING RESULTS
<b>PARISH CENTER</b>						
SJDR28	4/27/2018	4:30	SJDR-PC-CONCESSION-IM-SJDR28	Lead, ppb	3.01	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR29	4/27/2018	4:30	SJDR-PC-CONCESSION-HANDSINK-SJDR29	Lead, ppb	1.21	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR30	4/27/2018	4:30	SJDR-PC-CONCESSION3TUB-SINK-SJDR30	Lead, ppb	2.32	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR31	4/27/2018	4:30	SJDR-PC-MRR-LSINK-SJDR31	Lead, ppb	4.84	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR32	4/27/2018	4:30	SJDR-PC-MRR-MSINK-SJDR32	Lead, ppb	3.07	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR33	4/27/2018	4:30	SJDR-PC-MRR-RSINK-SJDR33	Lead, ppb	1.93	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR34	4/27/2018	4:30	SJDR-PC-WRR-LSINK-SJDR34	Lead, ppb	2.94	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR35	4/27/2018	4:30	SJDR-PC-WRR-MSINK-SJDR35	Lead, ppb	3.07	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.

**Cincinnati Archdiocese - St. John the Baptist School & Church - Lead Testing Results**

SAMPLE #	SAMPLE DATE	SAMPLE TIME	SAMPLE	PARAMETER, CODE	AMOUNT	GCWW COMMENTS/REVIEW/RECOMMENDATIONS REGARDING RESULTS
SJDR36	4/27/2018	4:30	SJDR-PC-WRR-RSINK-SJDR36	Lead, ppb	4.26	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR37	4/27/2018	4:30	SJDR-PC-FOYER-LDF-SJDR37	Lead, ppb	<1	Less than detection level
SJDR38	4/27/2018	4:30	SJDR-PC-FOYER-RDF-SJDR38	Lead, ppb	<1	Less than detection level
<b>CHURCH</b>						
SJDR39	4/27/2018	4:30	SJDR-CHLL-HALL-LDF-SJDR39	Lead, ppb	<1	Less than detection level
SJDR40	4/27/2018	4:30	SJDR-CHLL-HALL-RDF-SJDR40	Lead, ppb	<1	Less than detection level
SJDR41	4/27/2018	4:30	SJDR-CHLL-BRR-LSINK-SJDR41	Lead, ppb	<1	Less than detection level
SJDR42	4/27/2018	4:30	SJDR-CHLL-BRR-MSINK-SJDR42	Lead, ppb	<1	Less than detection level
SJDR43	4/27/2018	4:30	SJDR-CHLL-BRR-RSINK-SJDR43	Lead, ppb	<1	Less than detection level
SJDR44	4/27/2018	4:30	SJDR-CHLL-GRR-LSINK-SJDR44	Lead, ppb	<1	Less than detection level
SJDR45	4/27/2018	4:30	SJDR-CHLL-GRR-MSINK-SJDR45	Lead, ppb	<1	Less than detection level
SJDR46	4/27/2018	4:30	SJDR-CHLL-GRR-RSINK-SJDR46	Lead, ppb	<1	Less than detection level
SJDR47	4/27/2018	4:50	SJDR-CHLL-C1FRONTDESK-SINK-SJDR47	Lead, ppb	3.65	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR48	4/27/2018	4:50	SJDR-CHLL-C1LWALL-FSINK-SJDR48	Lead, ppb	10.4	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR49	4/27/2018	4:50	SJDR-CHLL-C1LWALL-FMSINK-SJDR49	Lead, ppb	3.73	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR50	4/27/2018	4:50	SJDR-CHLL-C1LWALL-BMSINK-SJDR50	Lead, ppb	2.72	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.

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SAMPLE #	SAMPLE DATE	SAMPLE TIME	SAMPLE	PARAMETER, CODE	AMOUNT	GCWW COMMENTS/REVIEW/RECOMMENDATIONS REGARDING RESULTS
SJDR51	4/27/2018	4:50	SJDR-CHLL-C1LWALL-BSINK-SJDR51	Lead, ppb	10.4	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR52	4/27/2018	4:50	SJDR-CHLL-C1RWALL-FSINK-SJDR52	Lead, ppb	4.02	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR53	4/27/2018	4:50	SJDR-CHLL-C1RWALL-MSINK-SJDR53	Lead, ppb	10.1	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR54	4/27/2018	4:50	SJDR-CHLL-C1RWALL-BSINK-SJDR54	Lead, ppb	2.71	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR55	4/27/2018	4:50	SJDR-CHLL-KITNEARCOOL-SINK-SJDR55	Lead, ppb	<1	Less than detection level
SJDR56	4/27/2018	4:50	SJDR-CHLL-KITNEARCOOL-HANDSINK-SJDR56	Lead, ppb	5.85	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR57	4/27/2018	4:50	SJDR-CHLL-KITSTAFFRR-SINK-SJDR57	Lead, ppb	<1	Less than detection level
SJDR58	4/27/2018	4:50	SJDR-CHLL-KITNEARDISH-HANDSINK-SJDR58	Lead, ppb	1.08	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR59	4/27/2018	4:50	SJDR-CHLL-KITDISH3TUB-SINK-SJDR59	Lead, ppb	<1	Less than detection level
SJDR60	4/27/2018	4:50	SJDR-CHLL-CAFE-IM-SJDR60	Lead, ppb	<1	Less than detection level
SJDR61	4/27/2018	4:50	SJDR-CHML-BRIDESRR-SINK-SJDR61	Lead, ppb	<1	Less than detection level
SJDR62	4/27/2018	4:50	SJDR-CHML-GATHERMRR-LSINK-SJDR62	Lead, ppb	<1	Less than detection level
SJDR63	4/27/2018	4:50	SJDR-CHML-GATHERMRR-RSINK-SJDR63	Lead, ppb	<1	Less than detection level
SJDR64	4/27/2018	4:50	SJDR-CHML-GATHER-DF-SJDR64	Lead, ppb	<1	Less than detection level
SJDR65	4/27/2018	4:50	SJDR-CHML-GATHERWRR-LSINK-SJDR65	Lead, ppb	<1	Less than detection level
SJDR66	4/27/2018	4:50	SJDR-CHML-GATHERWRR-RSINK-SJDR66	Lead, ppb	<1	Less than detection level

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SAMPLE #	SAMPLE DATE	SAMPLE TIME	SAMPLE	PARAMETER, CODE	AMOUNT	GCWW COMMENTS/REVIEW/RECOMMENDATIONS REGARDING RESULTS
SJDR67	4/27/2018	4:50	SJDR-CHML-BAR-SINK-SJDR67	Lead, ppb	1.27	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR68	4/27/2018	4:50	SJDR-CHML-WORKSACRISTY-HANDSINK-SJDR68	Lead, ppb	3.89	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR69	4/27/2018	4:50	SJDR-CHML-WORKSACRISTY2TUB-SINK-SJDR69	Lead, ppb	4.36	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR70	4/27/2018	4:50	SJDR-CHML-PRIESTRR-SINK-SJDR70	Lead, ppb	1.72	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
<b>PARISH OFFICES</b>						
SJDR71	4/27/2018	4:50	SJDR-POUL-YOUTHMINISTRYRR-SINK-SJDR71	Lead, ppb	91.1	Above 15ppb federal action level and the 20ppb trigger level to take action as explained in the USEPA 3Ts Guidelines for schools. Until a defined remediation plan is created, immediately remove from service (tag out of service and/or disconnect the water supply to this location).
SJDR72	4/27/2018	4:50	SJDR-POUL-HALLRR-SINK-SJDR72	Lead, ppb	<1	Less than detection level
SJDR73	4/27/2018	4:50	SJDR-POUL-MUSICRR-SINK-SJDR73	Lead, ppb	13.7	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR74	4/27/2018	4:50	SJDR-POML-KIT2TUB-SINK-SJDR74	Lead, ppb	3.41	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.



**Cincinnati Archdiocese - St. John the Baptist School & Church - Lead Testing Results**

<b>SAMPLE #</b>	<b>SAMPLE DATE</b>	<b>SAMPLE TIME</b>	<b>SAMPLE</b>	<b>PARAMETER, CODE</b>	<b>AMOUNT</b>	<b>GCWW COMMENTS/REVIEW/RECOMMENDATIONS REGARDING RESULTS</b>
SJDR75	4/27/2018	4:50	SJDR-POML-HALLRR-SINK-SJDR75	Lead, ppb	<1	Less than detection level
SJDR76	4/27/2018	4:50	SJDR-POLL-HALLRR-SINK-SJDR76	Lead, ppb	<1	Less than detection level
<b>ATHLETIC FIELDS</b>						
SJDR77	4/27/2018	4:50	SJDR-ATHS-BRR-SINK-SJDR77	Lead, ppb	4.19	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR78	4/27/2018	4:50	SJDR-ATHS-GRR-SINK-SJDR78	Lead, ppb	1.36	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR79	4/27/2018	4:50	SJDR-ATHS-CONCESS3TUB-SINK-SJDR79	Lead, ppb	<1	Less than detection level
SJDR80	4/27/2018	4:50	SJDR-ATHS-CONCESS-UTILITY-SINK-SJDR80	Lead, ppb	2.55	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
SJDR81	4/27/2018	4:50	SJDR-ATHS-CONCESS-IM-SJDR81	Lead, ppb	1.5	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
<b>RECTORY</b>						
SJDR82	4/27/2018	7:10	SJDR-RECTORY-KIT-SINK-SJDR82	Lead, ppb	<1	Less than detection level
SJDR83	4/27/2018	7:35	SJDR-RECTORY-RR-SINK-SJDR83	Lead, ppb	<1	Less than detection level