



September 18, 2018

Cincinnati Public Schools  
Cynthia Eghbalnia  
2651 Burnet Avenue  
Cincinnati, OH 45219

## Roll Hill Academy School

Dear Cynthia:

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 Roll Hill Academy 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 Cincinnati Public Schools (CPS) 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, one hundred fifty-four (154) samples were collected from drinking fountains, sinks and cooking outlets throughout the school. Multiple sinks within the schools were not initially considered for testing, however, key nearby indicators (coffee makers, drinking cups, plates, utensils, etc.) prompted additional locations to be tested in the schools. Including these sampling locations speaks to the proactive approach CPS continues to have towards understanding the water quality within the schools. The results show the following:

- 88 samples (57.14%), below the detection level (<1)
- 49 samples (31.82%), between 1ppb and 5ppb
- 9 samples (5.84%), between 5ppb and 10ppb
- 3 samples (1.95%), between 10ppb and 15ppb
- 5 sample (3.25%), greater than 15ppb.

Ninety-seven percent (96.75%) of the 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 GCWW's 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

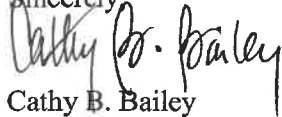
GCWW has reviewed the results from your samples and provides some next-steps comments.

1. Thirty-five (35) of the forty-three (43) drinking fountains and bottle fillers had no lead detections. One drinking fountain, RHA-FL1-NEAR1043ELA-DF-RHA70, had a result greater than 15ppb. For this location, consider an immediate remedy such as taking the sample location out of service until a more defined plan can be created to reduce the lead level. For the other drinking fountains with lead detections, if these fountains are not used on a regular basis, consider flushing the lines (letting the water run) before use.
2. Four (4) other locations had high lead levels, greater than 15ppb; RHA69, RHA79, RHA112, and RHA153. These locations are sinks and it is assumed by the name they are not used as a drinking water or cooking outlet. 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. After the locations are out of service, work to reduce the lead level by first removing and cleaning the aerator as particles may be trapped on the aerator and contributing to the lead detections. Consider resampling after the cleaning.
3. Great news in the cafeteria; all locations were free of lead detections!
4. Seven (7) of the ten (10) sample locations in the kitchen had lead detections and all were below the federal action level of 15ppb. Flush the line before use if using these locations for food and drink preparation. No further action is suggested.
5. Several other sinks had lead detections. Based on the names, they 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. To lower the lead levels, consider removing and cleaning the aerator. Particles may be trapped on the aerator and contributing to the lead level.
  - 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. Review how water is being used within your facility. Again, if water is not used on a regular basis at some of these locations, the infrequent use at the outlet may be contributing to the lead detections. Signage at these locations may be helpful (hand washing only, science class purposes only-no drinking, etc.).
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](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 these 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,



Cathy B. Bailey

Director/Greater Cincinnati Water Works

Cc: Melba Moore, 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 Public Schools - Roll Hill School - Lead Testing Results

SAMPLE #	SAMPLE DATE	SAMPLE TIME	SAMPLE	PARAMETER, CODE	AMOUNT	GCWW COMMENTS/REVIEW/RECOMMENDATIONS REGARDING RESULTS
RHA1	5/3/2018	5:06	RHA-KIT-STAFFRR-SINK-RHA1	Lead, ppb	2.33	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA2	5/3/2018	5:07	RHA-KIT-NEARSERVE-HANDSINK-RHA2	Lead, ppb	<1	Less than detection level
RHA3	5/3/2018	5:07	RHA-KIT-2TUB-SINK-RHA3	Lead, ppb	4.46	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA4	5/3/2018	5:08	RHA-KIT-NEAR2TUB-HANDSINK-RHA4	Lead, ppb	1.09	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA5	5/3/2018	5:08	RHA-KIT-1TUB-SINK-RHA5	Lead, ppb	1.1	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA6	5/3/2018	5:09	RHA-KIT-STOCKPOT-LFILLER-RHA6	Lead, ppb	2.99	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA7	5/3/2018	5:10	RHA-KIT-STOCKPOT-RFILLER-RHA7	Lead, ppb	1.17	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA8	5/3/2018	5:11	RHA-KIT-DISHRM3TUB-LSINK-RHA8	Lead, ppb	<1	Less than detection level
RHA9	5/3/2018	5:11	RHA-KIT-DISHRM3TUB-RSINK-RHA9	Lead, ppb	1.11	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA10	5/3/2018	5:12	RHA-KIT-DISHRM-HANDSINK-RHA10	Lead, ppb	<1	Less than detection level
RHA11	5/3/2018	5:13	RHA-FL1-1080STAFFLOUNGE-SINK-RHA11	Lead, ppb	4.05	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA12	5/3/2018	5:15	RHA-FL1-CAFE-LCOMBODF-RHA12	Lead, ppb	<1	Less than detection level
RHA13	5/3/2018	5:15	RHA-FL1-CAFE-LCOMBOBF-RHA13	Lead, ppb	<1	Less than detection level
RHA14	5/3/2018	5:15	RHA-FL1-CAFE-RDF-RHA14	Lead, ppb	<1	Less than detection level
RHA15	5/3/2018	5:18	RHA-GYM-BLOCK-LSINK-RHA15	Lead, ppb	<1	Less than detection level
RHA16	5/3/2018	5:18	RHA-GYM-BLOCK-MSINK-RHA16	Lead, ppb	1.17	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
RHA17	5/3/2018	5:18	RHA-GYM-BLOCK-RSINK-RHA17	Lead, ppb	1.37	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA18	5/3/2018	5:20	RHA-GYM-1085PEOFFRR-SINK-RHA18	Lead, ppb	3.09	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA19	5/3/2018	5:21	RHA-GYM-GLOCK-LSINK-RHA19	Lead, ppb	1.22	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA20	5/3/2018	5:21	RHA-GYM-GLOCK-MSINK-RHA20	Lead, ppb	<1	Less than detection level
RHA21	5/3/2018	5:21	RHA-GYM-GLOCK-RSINK-RHA21	Lead, ppb	<1	Less than detection level
RHA22	5/3/2018	5:24	RHA-FL1-SBH1006-SINK-RHA22	Lead, ppb	<1	Less than detection level
RHA23	5/3/2018	5:25	RHA-FL1-SBH1006EXAM#1-SINK-RHA23	Lead, ppb	<1	Less than detection level
RHA24	5/3/2018	5:25	RHA-FL1-SBH1006EXAM#2-SINK-RHA24	Lead, ppb	3.45	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA25	5/3/2018	5:26	RHA-FL1-SBH1006NPOFF-SINK-RHA25	Lead, ppb	7.5	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA26	5/3/2018	5:27	RHA-FL1-SBH1006RR-SINK-RHA26	Lead, ppb	<1	Less than detection level
RHA27	5/3/2018	5:31	RHA-FL1-PISOFFNEARCAFE-SINK-RHA27	Lead, ppb	7.54	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA28	5/3/2018	5:32	RHA-FL1-1008MUSIC-SINK-RHA28	Lead, ppb	4.72	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA29	5/3/2018	5:32	RHA-FL1-1008MUSIC-DF-RHA29	Lead, ppb	<1	Less than detection level
RHA30	5/3/2018	5:34	RHA-FL1-BOYSRRNEAR1008-FLSINK-RHA30	Lead, ppb	<1	Less than detection level
RHA31	5/3/2018	5:34	RHA-FL1-BOYSRRNEAR1008-LSINK-RHA31	Lead, ppb	<1	Less than detection level
RHA32	5/3/2018	5:34	RHA-FL1-BOYSRRNEAR1008-RSINK-RHA32	Lead, ppb	<1	Less than detection level
RHA33	5/3/2018	5:34	RHA-FL1-BOYSRRNEAR1008-FRSINK-RHA33	Lead, ppb	<1	Less than detection level
RHA34	5/3/2018	5:37	RHA-FL1-HALLWAYNEAR1008-LDF-RHA34	Lead, ppb	<1	Less than detection level
RHA35	5/3/2018	5:37	RHA-FL1-HALLWAYNEAR1008-RDF-RHA35	Lead, ppb	<1	Less than detection level
RHA36	5/3/2018	5:39	RHA-FL1-GIRLSRRNEAR1008-FLSINK-RHA36	Lead, ppb	<1	Less than detection level
RHA37	5/3/2018	5:39	RHA-FL1-GIRLSRRNEAR1008-LSINK-RHA37	Lead, ppb	<1	Less than detection level
RHA38	5/3/2018	5:39	RHA-FL1-GIRLSRRNEAR1008-RSINK-RHA38	Lead, ppb	<1	Less than detection level

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RHA39	5/3/2018	5:39	RHA-FL1-GIRLSRRNEAR1008-FRSINK-RHA39	Lead, ppb	<1	Less than detection level
RHA40	5/3/2018	5:41	RHA-FL1-CLINIC1005-SINK-RHA40	Lead, ppb	<1	Less than detection level
RHA41	5/3/2018	5:42	RHA-FL1-CLINIC1005RR-SINK-RHA41	Lead, ppb	<1	Less than detection level
RHA42	5/3/2018	5:43	RHA-FL1-CLINIC1005FRIDGE-IM-RHA42	Lead, ppb	<1	Less than detection level
RHA43	5/3/2018	5:45	RHA-MAINOFF-WORKRM-SINK-RHA43	Lead, ppb	<1	Less than detection level
RHA44	5/3/2018	5:47	RHA-MAINOFF-MRRNEAR1009-SINK-RHA44	Lead, ppb	3.1	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA45	5/3/2018	5:48	RHA-MAINOFF-WRRNEAR1009-SINK-RHA45	Lead, ppb	1.95	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA46	5/3/2018	5:08	RHA-FL1-ROOMNEAR1020A-SINK-RHA46	Lead, ppb	4.6	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA47	5/3/2018	5:11	RHA-FL1-1042-SINK-RHA47	Lead, ppb	2.54	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA48	5/3/2018	5:12	RHA-FL1-1042-DF-RHA48	Lead, ppb	<1	Less than detection level
RHA49	5/3/2018	5:13	RHA-FL1-1042RR-SINK-RHA49	Lead, ppb	<1	Less than detection level
RHA50	5/3/2018	5:14	RHA-FL1-NEAR1042ELA-SINK-RHA50	Lead, ppb	1.67	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA51	5/3/2018	5:15	RHA-FL1-NEAR1042ELA-DF-RHA51	Lead, ppb	<1	Less than detection level
RHA52	5/3/2018	5:16	RHA-FL1-1044-SINK-RHA52	Lead, ppb	8.55	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA53	5/3/2018	5:17	RHA-FL1-1044-DF-RHA53	Lead, ppb	2.94	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA54	5/3/2018	5:18	RHA-FL1-1044RR-SINK-RHA54	Lead, ppb	<1	Less than detection level
RHA55	5/3/2018	5:19	RHA-FL1-1046-SINK-RHA55	Lead, ppb	3.02	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA56	5/3/2018	5:20	RHA-FL1-1046-DF-RHA56	Lead, ppb	<1	Less than detection level
RHA57	5/3/2018	5:21	RHA-FL1-1046RR-SINK-RHA57	Lead, ppb	<1	Less than detection level

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RHA58	5/3/2018	5:22	RHA-FL1-1048-SINK-RHA58	Lead, ppb	2.77	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA59	5/3/2018	5:23	RHA-FL1-1048-DF-RHA59	Lead, ppb	<1	Less than detection level
RHA60	5/3/2018	5:24	RHA-FL1-1048RR-SINK-RHA60	Lead, ppb	<1	Less than detection level
RHA61	5/3/2018	5:25	RHA-FL1-1049-SINK-RHA61	Lead, ppb	4.42	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA62	5/3/2018	5:26	RHA-FL1-1049-DF-RHA62	Lead, ppb	<1	Less than detection level
RHA63	5/3/2018	5:27	RHA-FL1-1047-SINK-RHA63	Lead, ppb	1.62	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA64	5/3/2018	5:28	RHA-FL1-1047-DF-RHA64	Lead, ppb	<1	Less than detection level
RHA65	5/3/2018	5:29	RHA-FL1-1045-SINK-RHA65	Lead, ppb	1.06	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA66	5/3/2018	5:30	RHA-FL1-1045-DF-RHA66	Lead, ppb	<1	Less than detection level
RHA67	5/3/2018	5:31	RHA-FL1-1043ART-SINK-RHA67	Lead, ppb	11.5	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA68	5/3/2018	5:32	RHA-FL1-1043ART-DF-RHA68	Lead, ppb	2.97	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA69	5/3/2018	5:33	RHA-FL1-NEAR1043ELA-SINK-RHA69	Lead, ppb	27.2	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).

**Cincinnati Public Schools - Roll Hill School - Lead Testing Results**

SAMPLE #	SAMPLE DATE	SAMPLE TIME	SAMPLE	PARAMETER, CODE	AMOUNT	GCWW COMMENTS/REVIEW/RECOMMENDATIONS REGARDING RESULTS
RHA70	5/3/2018	5:34	RHA-FL1-NEAR1043ELA-DF-RHA70	Lead, ppb	18.7	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).
RHA71	5/3/2018	5:35	RHA-FL1-LRRNEAR1042-SINK-RHA71	Lead, ppb	<1	Less than detection level
RHA72	5/3/2018	5:36	RHA-FL1-MRRNEAR1042-SINK-RHA72	Lead, ppb	1.29	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA73	5/3/2018	5:37	RHA-FL1-RRRNEAR1042-SINK-RHA73	Lead, ppb	1.29	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA74	5/3/2018	5:38	RHA-FL1-LRRNEAR1049-SINK-RHA74	Lead, ppb	<1	Less than detection level
RHA75	5/3/2018	5:39	RHA-FL1-MRRNEAR1049-SINK-RHA75	Lead, ppb	<1	Less than detection level
RHA76	5/3/2018	5:40	RHA-FL1-RRRNEAR1049-SINK-RHA76	Lead, ppb	<1	Less than detection level
RHA77	5/3/2018	5:41	RHA-FL1-1063-SINK-RHA77	Lead, ppb	8.81	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA78	5/3/2018	5:42	RHA-FL1-1063-DF-RHA78	Lead, ppb	1.55	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA79	5/3/2018	5:43	RHA-FL1-NEAR1063ELA-SINK-RHA79	Lead, ppb	29.4	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).
RHA80	5/3/2018	5:44	RHA-FL1-NEAR1063ELA-DF-RHA80	Lead, ppb	1.93	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
RHA81	5/3/2018	5:45	RHA-FL1-1065-SINK-RHA81	Lead, ppb	12.9	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA82	5/3/2018	5:46	RHA-FL1-1065-DF-RHA82	Lead, ppb	3.8	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA83	5/3/2018	5:47	RHA-FL1-1067-SINK-RHA83	Lead, ppb	1.3	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA84	5/3/2018	5:48	RHA-FL1-1067-DF-RHA84	Lead, ppb	<1	Less than detection level
RHA85	5/3/2018	5:49	RHA-FL1-1069-SINK-RHA85	Lead, ppb	<1	Less than detection level
RHA86	5/3/2018	5:50	RHA-FL1-1069-DF-RHA86	Lead, ppb	<1	Less than detection level
RHA87	5/3/2018	5:51	RHA-FL1-1062-SINK-RHA87	Lead, ppb	3.96	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA88	5/3/2018	5:52	RHA-FL1-1062-DF-RHA88	Lead, ppb	<1	Less than detection level
RHA89	5/3/2018	5:53	RHA-FL1-NEAR1062ELA-SINK-RHA89	Lead, ppb	<1	Less than detection level
RHA90	5/3/2018	5:54	RHA-FL1-NEAR1062ELA-DF-RHA90	Lead, ppb	<1	Less than detection level
RHA91	5/3/2018	5:16	RHA-FL1-1064-SINK-RHA91	Lead, ppb	1.81	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA92	5/3/2018	5:16	RHA-FL1-1064-DF-RHA92	Lead, ppb	<1	Less than detection level
RHA93	5/3/2018	5:18	RHA-FL1-1066-SINK-RHA93	Lead, ppb	<1	Less than detection level
RHA94	5/3/2018	5:18	RHA-FL1-1066-DF-RHA94	Lead, ppb	<1	Less than detection level
RHA95	5/3/2018	5:19	RHA-FL1-1068-SINK-RHA95	Lead, ppb	1.17	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA96	5/3/2018	5:19	RHA-FL1-1068-DF-RHA96	Lead, ppb	<1	Less than detection level
RHA97	5/3/2018	5:20	RHA-FL1-LRRNEAR1062-SINK-RHA97	Lead, ppb	<1	Less than detection level
RHA98	5/3/2018	5:20	RHA-FL1-MRRNEAR1062-SINK-RHA98	Lead, ppb	<1	Less than detection level
RHA99	5/3/2018	5:21	RHA-FL1-RRRNEAR1062-SINK-RHA99	Lead, ppb	<1	Less than detection level
RHA100	5/3/2018	5:21	RHA-FL1-LRRNEAR1069-SINK-RHA100	Lead, ppb	<1	Less than detection level
RHA101	5/3/2018	5:21	RHA-FL1-MRRNEAR1069-SINK-RHA101	Lead, ppb	<1	Less than detection level
RHA102	5/3/2018	5:21	RHA-FL1-RRRNEAR1069-SINK-RHA102	Lead, ppb	<1	Less than detection level

**Cincinnati Public Schools - Roll Hill School - Lead Testing Results**

SAMPLE #	SAMPLE DATE	SAMPLE TIME	SAMPLE	PARAMETER, CODE	AMOUNT	GCWW COMMENTS/REVIEW/RECOMMENDATIONS REGARDING RESULTS
RHA103	5/3/2018	5:27	RHA-FL2-2062FRONTDESK-SINK-RHA103	Lead, ppb	7.35	Science Lab. Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA104	5/3/2018	5:27	RHA-FL2-2062LWALL-LSINK-RHA104	Lead, ppb	<1	Science Lab. Less than detection level
RHA105	5/3/2018	5:27	RHA-FL2-2062LWALL-RSINK-RHA105	Lead, ppb	2.28	Science Lab. Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA106	5/3/2018	5:28	RHA-FL2-2062RWALL-LSINK-RHA106	Lead, ppb	9.33	Science Lab. Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA107	5/3/2018	5:28	RHA-FL2-2062RWALL-RSINK-RHA107	Lead, ppb	1.41	Science Lab. Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA108	5/3/2018	5:29	RHA-FL2-NEAR2064ELA-SINK-RHA108	Lead, ppb	5.1	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA109	5/3/2018	5:29	RHA-FL2-NEAR2064ELA-DF-RHA109	Lead, ppb	<1	Less than detection level
RHA110	5/3/2018	5:31	RHA-FL2-2064-SINK-RHA110	Lead, ppb	<1	Less than detection level
RHA111	5/3/2018	5:31	RHA-FL2-2064-DF-RHA111	Lead, ppb	<1	Less than detection level
RHA112	5/3/2018	5:32	RHA-FL2-2066-SINK-RHA112	Lead, ppb	36.9	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).
RHA113	5/3/2018	5:32	RHA-FL2-2066-DF-RHA113	Lead, ppb	<1	Less than detection level
RHA114	5/3/2018	5:33	RHA-FL2-2068-SINK-RHA114	Lead, ppb	1.77	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA115	5/3/2018	5:33	RHA-FL2-2068-DF-RHA115	Lead, ppb	<1	Less than detection level
RHA116	5/3/2018	5:34	RHA-FL2-2063-SINK-RHA116	Lead, ppb	1.07	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA117	5/3/2018	5:34	RHA-FL2-2063-DF-RHA117	Lead, ppb	<1	Less than detection level

**Cincinnati Public Schools - Roll Hill School - Lead Testing Results**

SAMPLE #	SAMPLE DATE	SAMPLE TIME	SAMPLE	PARAMETER, CODE	AMOUNT	GCWW COMMENTS/REVIEW/RECOMMENDATIONS REGARDING RESULTS
RHA118	5/3/2018	5:35	RHA-FL2-NEAR2065ELA-SINK-RHA118	Lead, ppb	6.82	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA119	5/3/2018	5:35	RHA-FL2-NEAR2065ELA-DF-RHA119	Lead, ppb	<1	Less than detection level
RHA120	5/3/2018	5:36	RHA-FL2-2065-SINK-RHA120	Lead, ppb	1.57	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA121	5/3/2018	5:36	RHA-FL2-2065-DF-RHA121	Lead, ppb	<1	Less than detection level
RHA122	5/3/2018	5:40	RHA-FL2-2067-SINK-RHA122	Lead, ppb	<1	Less than detection level
RHA123	5/3/2018	5:40	RHA-FL2-2067-DF-RHA123	Lead, ppb	<1	Less than detection level
RHA124	5/3/2018	5:41	RHA-FL2-2069-SINK-RHA124	Lead, ppb	3.79	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA125	5/3/2018	5:41	RHA-FL2-2069-DF-RHA125	Lead, ppb	<1	Less than detection level
RHA126	5/3/2018	5:43	RHA-FL1-LRRNEAR2064-SINK-RHA126	Lead, ppb	<1	Less than detection level
RHA127	5/3/2018	5:43	RHA-FL1-MRRNEAR2064-SINK-RHA127	Lead, ppb	<1	Less than detection level
RHA128	5/3/2018	5:43	RHA-FL1-RRRNEAR2064-SINK-RHA128	Lead, ppb	<1	Less than detection level
RHA129	5/3/2018	5:45	RHA-FL1-LRRNEAR2069-SINK-RHA129	Lead, ppb	2.13	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA130	5/3/2018	5:45	RHA-FL1-MRRNEAR2069-SINK-RHA130	Lead, ppb	1.95	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA131	5/3/2018	5:45	RHA-FL1-RRRNEAR2069-SINK-RHA131	Lead, ppb	<1	Less than detection level
RHA132	5/3/2018	5:47	RHA-FL2-2036-SINK-RHA132	Lead, ppb	<1	Less than detection level
RHA133	5/3/2018	5:47	RHA-FL2-2036-DF-RHA133	Lead, ppb	<1	Less than detection level
RHA134	5/3/2018	5:48	RHA-FL2-2043-SINK-RHA134	Lead, ppb	2.25	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA135	5/3/2018	5:48	RHA-FL2-2043-DF-RHA135	Lead, ppb	<1	Less than detection level
RHA136	5/3/2018	5:50	RHA-FL2-NEAR2043ELA-SINK-RHA136	Lead, ppb	<1	Less than detection level
RHA137	5/3/2018	5:50	RHA-FL2-NEAR2043ELA-DF-RHA137	Lead, ppb	<1	Less than detection level
RHA138	5/3/2018	5:51	RHA-FL2-2045-SINK-RHA138	Lead, ppb	5.4	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.

**Cincinnati Public Schools - Roll Hill School - Lead Testing Results**

SAMPLE #	SAMPLE DATE	SAMPLE TIME	SAMPLE	PARAMETER, CODE	AMOUNT	GCWW COMMENTS/REVIEW/RECOMMENDATIONS REGARDING RESULTS
RHA139	5/3/2018	5:51	RHA-FL2-2045-DF-RHA139	Lead, ppb	3.21	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA140	5/3/2018	5:52	RHA-FL2-2047-SINK-RHA140	Lead, ppb	2.52	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA141	5/3/2018	5:52	RHA-FL2-2047-DF-RHA141	Lead, ppb	<1	Less than detection level
RHA142	5/3/2018	5:54	RHA-FL2-2049-SINK-RHA142	Lead, ppb	12.5	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA143	5/3/2018	5:54	RHA-FL2-2049-DF-RHA143	Lead, ppb	<1	Less than detection level
RHA144	5/3/2018	5:55	RHA-FL1-LRRNEAR2043-SINK-RHA144	Lead, ppb	<1	Less than detection level
RHA145	5/3/2018	5:55	RHA-FL1-MRRNEAR2043-SINK-RHA145	Lead, ppb	<1	Less than detection level
RHA146	5/3/2018	5:55	RHA-FL1-RRRNEAR2043-SINK-RHA146	Lead, ppb	<1	Less than detection level
RHA147	5/3/2018	5:57	RHA-FL1-LRRNEAR2049-SINK-RHA147	Lead, ppb	<1	Less than detection level
RHA148	5/3/2018	5:57	RHA-FL1-MRRNEAR2049-SINK-RHA148	Lead, ppb	<1	Less than detection level
RHA149	5/3/2018	5:57	RHA-FL1-RRRNEAR2049-SINK-RHA149	Lead, ppb	1.92	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA150	5/3/2018	5:58	RHA-FL2-2044-SINK-RHA150	Lead, ppb	2.52	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
RHA151	5/3/2018	5:58	RHA-FL2-2044-DF-RHA151	Lead, ppb	<1	Less than detection level
RHA152	5/3/2018	5:58	RHA-FL2-2044RR-SINK-RHA152	Lead, ppb	<1	Less than detection level
RHA153	5/3/2018	5:59	RHA-FL2-2048-SINK-RHA153	Lead, ppb	17.4	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).
RHA154	5/3/2018	5:59	RHA-FL2-2048-DF-RHA154	Lead, ppb	3.38	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.