



May 1, 2017

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

Academy of Multilingual Immersion Studies

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 the Academy of Multilingual Immersion Studies 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 March, one hundred, eight (108) 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:

- 83 samples (76.85%), below the detection level (<1)
- 23 samples (21.30%), between 1ppb and 5ppb
- 2 samples (1.85%), between 5ppb and 10ppb

One hundred percent (100%) of the 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 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. Great news! One hundred percent (100%) of the drinking fountain sample locations had results below the detection level; no further action is needed.
2. Some sample locations had lead detections, many of them were low results. For these samples with minimal detections, if interested in further reducing the lead levels, flush the line (let the water run) before use. No further action is needed.
3. 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 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. 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: 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 Public Schools- Academy of Multilingual Immersion Studies (AMIS) - Lead Testing Results

SAMPLE #	SAMPLE DATE	SAMPLE TIME	SAMPLE	PARAMETER CODE	AMOUNT	GCWW COMMENTS/REVIEW/RECOMMENDATIONS REGARDING RESULTS
AMIS1	3/2/2017	5:12:00	AMIS-FL1-1102-SINK-AMIS1	Lead, ppb	1.15	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS2	3/2/2017	5:13:00	AMIS-FL1-1109STAFFRR-SINK-AMIS2	Lead, ppb	<1	Less than detection level
AMIS3	3/2/2017	5:17:00	AMIS-FL1-1112-SINK-AMIS3	Lead, ppb	<1	Less than detection level
AMIS4	3/2/2017	5:17:00	AMIS-FL1-1112RR-SINK-AMIS4	Lead, ppb	<1	Less than detection level
AMIS5	3/2/2017	5:21:00	AMIS-FL1-1105-SINK-AMIS5	Lead, ppb	<1	Less than detection level
AMIS6	3/2/2017	5:22:00	AMIS-FL1-1115-SINK-AMIS6	Lead, ppb	3.08	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS7	3/2/2017	5:23:00	AMIS-FL1-1119STAFFRR-SINK-AMIS7	Lead, ppb	<1	Less than detection level
AMIS8	3/2/2017	5:24:00	AMIS-FL1-1123LIBOFF-SINK-AMIS8	Lead, ppb	1.28	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS9	3/2/2017	5:25:00	AMIS-FL1-GYM1321PEOFF-SINK-AMIS9	Lead, ppb	<1	Less than detection level
AMIS10	3/2/2017	5:25:00	AMIS-FL1-1324BOYSLOCK-LSINK-AMIS10	Lead, ppb	<1	Less than detection level
AMIS11	3/2/2017	5:25:00	AMIS-FL1-1324BOYSLOCK-RSINK-AMIS11	Lead, ppb	<1	Less than detection level
AMIS12	3/2/2017	5:26:00	AMIS-FL1-1323GIRLSLOCK-LSINK-AMIS12	Lead, ppb	4.49	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS13	3/2/2017	5:26:00	AMIS-FL1-1323GIRLSLOCK-MSINK-AMIS13	Lead, ppb	<1	Less than detection level
AMIS14	3/2/2017	5:26:00	AMIS-FL1-1323GIRLSLOCK-RSINK-AMIS14	Lead, ppb	<1	Less than detection level
AMIS15	3/2/2017	5:27:00	AMIS-FL1-1313CUSTODIALRR-SINK-AMIS15	Lead, ppb	<1	Less than detection level
AMIS16	3/2/2017	5:28:00	AMIS-KIT-NEARSERVE-HANDSINK-AMIS16	Lead, ppb	<1	Less than detection level
AMIS17	3/2/2017	5:28:00	AMIS-KIT-NEAR1309-HANDSINK-AMIS17	Lead, ppb	<1	Less than detection level
AMIS18	3/2/2017	5:29:00	AMIS-KIT-2TUBISLAND-SINK-AMIS18	Lead, ppb	<1	Less than detection level
AMIS19	3/2/2017	5:32:00	AMIS-KIT-1TUBISLAND-SINK-AMIS19	Lead, ppb	<1	Less than detection level
AMIS20	3/2/2017	5:32:00	AMIS-KIT-STOCKPOT-LFILLER-AMIS20	Lead, ppb	<1	Less than detection level
AMIS21	3/2/2017	5:32:00	AMIS-KIT-STOCKPOT-RFILLER-AMIS21	Lead, ppb	<1	Less than detection level
AMIS22	3/2/2017	5:33:00	AMIS-KIT-1310STAFFLOCKRR-SINK-AMIS22	Lead, ppb	<1	Less than detection level

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AMIS23	3/2/2017	5:33:00	AMIS-KIT-DISHRM-HANDSINK-AMIS23	Lead, ppb	3.49	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS24	3/2/2017	5:33:00	AMIS-KIT-DISHRM3TUB-LSINK-AMIS24	Lead, ppb	<1	Less than detection level
AMIS25	3/2/2017	5:33:00	AMIS-KIT-DISHRM3TUB-RSINK-AMIS25	Lead, ppb	<1	Less than detection level
AMIS26	3/2/2017	5:35:00	AMIS-FL1-1302MUSIC-SINK-AMIS26	Lead, ppb	1.47	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS27	3/2/2017	5:35:00	AMIS-FL1-1302MUSIC-DF-AMIS27	Lead, ppb	<1	Less than detection level
AMIS28	3/2/2017	5:37:00	AMIS-FL1-1129ART-LSINK-AMIS28	Lead, ppb	2.69	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS29	3/2/2017	5:37:00	AMIS-FL1-1129ART-RSINK-AMIS29	Lead, ppb	2.78	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS30	3/2/2017	5:38:00	AMIS-FL1-HALLWAYNEAR1230-LDF-AMIS30	Lead, ppb	<1	Less than detection level
AMIS31	3/2/2017	5:38:00	AMIS-FL1-HALLWAYNEAR1230-RDF-AMIS31	Lead, ppb	<1	Less than detection level
AMIS32	3/2/2017	5:40:00	AMIS-FL1-1226BOYSRR-LSINK-AMIS32	Lead, ppb	<1	Less than detection level
AMIS33	3/2/2017	5:40:00	AMIS-FL1-1226BOYSRR-RSINK-AMIS33	Lead, ppb	<1	Less than detection level
AMIS34	3/2/2017	5:41:00	AMIS-FL1-1225GIRLSRR-LSINK-AMIS34	Lead, ppb	<1	Less than detection level
AMIS35	3/2/2017	5:41:00	AMIS-FL1-1225GIRLSRR-MSINK-AMIS35	Lead, ppb	<1	Less than detection level
AMIS36	3/2/2017	5:41:00	AMIS-FL1-1225GIRLSRR-RSINK-AMIS36	Lead, ppb	<1	Less than detection level
AMIS37	3/2/2017	5:42:00	AMIS-FL1-1229-SINK-AMIS37	Lead, ppb	<1	Less than detection level
AMIS38	3/2/2017	5:42:00	AMIS-FL1-1229-DF-AMIS38	Lead, ppb	<1	Less than detection level
AMIS39	3/2/2017	5:42:00	AMIS-FL1-1229RR-SINK-AMIS39	Lead, ppb	<1	Less than detection level
AMIS40	3/2/2017	5:46:00	AMIS-FL1-1228-SINK-AMIS40	Lead, ppb	<1	Less than detection level
AMIS41	3/2/2017	5:46:00	AMIS-FL1-1228-DF-AMIS41	Lead, ppb	<1	Less than detection level
AMIS42	3/2/2017	5:47:00	AMIS-FL1-1231STAFLOUNGE-SINK-AMIS42	Lead, ppb	1.79	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.

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AMIS43	3/2/2017	5:47:00	AMIS-FL1-1231STAFLOUNGERR-SINK-AMIS43	Lead, ppb	2.34	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS44	3/2/2017	5:48:00	AMIS-FL1-1220RR-SINK-AMIS44	Lead, ppb	<1	Less than detection level
AMIS45	3/2/2017	5:48:00	AMIS-FL1-1219RR-SINK-AMIS45	Lead, ppb	<1	Less than detection level
AMIS46	3/2/2017	5:49:00	AMIS-FL1-1212-SINK-AMIS46	Lead, ppb	<1	Less than detection level
AMIS47	3/2/2017	5:49:00	AMIS-FL1-1212-DF-AMIS47	Lead, ppb	<1	Less than detection level
AMIS48	3/2/2017	5:49:00	AMIS-FL1-1212RR-SINK-AMIS48	Lead, ppb	<1	Less than detection level
AMIS49	3/2/2017	5:51:00	AMIS-FL1-1210-SINK-AMIS49	Lead, ppb	<1	Less than detection level
AMIS50	3/2/2017	5:51:00	AMIS-FL1-1210-DF-AMIS50	Lead, ppb	<1	Less than detection level
AMIS51	3/2/2017	5:11:00	AMIS-FL1-1210RR-SINK-AMIS51	Lead, ppb	<1	Less than detection level
AMIS52	3/2/2017	5:54:00	AMIS-FL1-1208-SINK-AMIS52	Lead, ppb	<1	Less than detection level
AMIS53	3/2/2017	5:54:00	AMIS-FL1-1208-DF-AMIS53	Lead, ppb	<1	Less than detection level
AMIS54	3/2/2017	5:54:00	AMIS-FL1-1208RR-SINK-AMIS54	Lead, ppb	<1	Less than detection level
AMIS55	3/2/2017	5:56:00	AMIS-FL1-1206-SINK-AMIS55	Lead, ppb	<1	Less than detection level
AMIS56	3/2/2017	5:56:00	AMIS-FL1-1206-DF-AMIS56	Lead, ppb	<1	Less than detection level
AMIS57	3/2/2017	5:56:00	AMIS-FL1-1206RR-SINK-AMIS57	Lead, ppb	1.39	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS58	3/2/2017	5:58:00	AMIS-FL1-1205-SINK-AMIS58	Lead, ppb	<1	Less than detection level
AMIS59	3/2/2017	5:58:00	AMIS-FL1-1205-DF-AMIS59	Lead, ppb	<1	Less than detection level
AMIS60	3/2/2017	5:58:00	AMIS-FL1-HALLWAYNEAR1218-SINK-AMIS60	Lead, ppb	1.73	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS61	3/2/2017	5:58:00	AMIS-FL1-HALLWAYNEAR1218-DF-AMIS61	Lead, ppb	<1	Less than detection level
AMIS62	3/2/2017	6:00:00	AMIS-FL1-1218RR-SINK-AMIS62	Lead, ppb	<1	Less than detection level
AMIS63	3/2/2017	6:00:00	AMIS-FL1-1217RR-SINK-AMIS63	Lead, ppb	2.15	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
AMIS64	3/2/2017	6:01:00	AMIS-FL1-HALLWAYNEAR1217-SINK-AMIS64	Lead, ppb	1.01	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS65	3/2/2017	6:01:00	AMIS-FL1-HALLWAYNEAR1217-DF-AMIS65	Lead, ppb	<1	Less than detection level
AMIS66	3/2/2017	6:03:00	AMIS-FL1-1204-SINK-AMIS66	Lead, ppb	1.02	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS67	3/2/2017	6:03:00	AMIS-FL1-1204-DF-AMIS67	Lead, ppb	<1	Less than detection level
AMIS68	3/2/2017	6:04:00	AMIS-FL1-1203-SINK-AMIS68	Lead, ppb	1.09	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS69	3/2/2017	6:04:00	AMIS-FL1-1203-DF-AMIS69	Lead, ppb	<1	Less than detection level
AMIS70	3/2/2017	6:06:00	AMIS-FL1-1202-SINK-AMIS70	Lead, ppb	<1	Less than detection level
AMIS71	3/2/2017	6:06:00	AMIS-FL1-1202-DF-AMIS71	Lead, ppb	<1	Less than detection level
AMIS72	3/2/2017	6:07:00	AMIS-FL1-1201-SINK-AMIS72	Lead, ppb	1.59	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS73	3/2/2017	6:07:00	AMIS-FL1-1201-DF-AMIS73	Lead, ppb	<1	Less than detection level
AMIS74	3/2/2017	5:15:00	AMIS-FL2-2131FRONTDESK-SINK-AMIS74	Lead, ppb	3.23	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS75	3/2/2017	5:16:00	AMIS-FL2-2131BWALL-FLSINK-AMIS75	Lead, ppb	1.4	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS76	3/2/2017	5:17:00	AMIS-FL2-2131BWALL-LSINK-AMIS76	Lead, ppb	7.49	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
AMIS77	3/2/2017	5:18:00	AMIS-FL2-2131BWALL-RSINK-AMIS77	Lead, ppb	3.65	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS78	3/2/2017	5:19:00	AMIS-FL2-2131BWALL-FRSINK-AMIS78	Lead, ppb	5.57	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS79	3/2/2017	5:20:00	AMIS-FL2-2128STAFFRM-SINK-AMIS79	Lead, ppb	<1	Less than detection level
AMIS80	3/2/2017	5:21:00	AMIS-FL2-2128STAFFRMRR-SINK-AMIS80	Lead, ppb	<1	Less than detection level
AMIS81	3/2/2017	5:26:00	AMIS-FL2-2120RR-SINK-AMIS81	Lead, ppb	<1	Less than detection level
AMIS82	3/2/2017	5:27:00	AMIS-FL2-2119RR-SINK-AMIS82	Lead, ppb	<1	Less than detection level
AMIS83	3/2/2017	5:28:00	AMIS-FL2-2118RR-SINK-AMIS83	Lead, ppb	<1	Less than detection level
AMIS84	3/2/2017	5:31:00	AMIS-FL2-2109-SINK-AMIS84	Lead, ppb	<1	Less than detection level
AMIS85	3/2/2017	5:32:00	AMIS-FL2-2109-DF-AMIS85	Lead, ppb	<1	Less than detection level
AMIS86	3/2/2017	5:36:00	AMIS-FL2-2108-SINK-AMIS86	Lead, ppb	1.37	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS87	3/2/2017	5:35:00	AMIS-FL2-2108-DF-AMIS87	Lead, ppb	<1	Less than detection level
AMIS88	3/2/2017	5:37:00	AMIS-FL2-2107-SINK-AMIS88	Lead, ppb	<1	Less than detection level
AMIS89	3/2/2017	5:38:00	AMIS-FL2-2107-DF-AMIS89	Lead, ppb	<1	Less than detection level
AMIS90	3/2/2017	5:40:00	AMIS-FL2-2106-SINK-AMIS90	Lead, ppb	<1	Less than detection level
AMIS91	3/2/2017	5:40:00	AMIS-FL2-2106-DF-AMIS91	Lead, ppb	<1	Less than detection level
AMIS92	3/2/2017	5:42:00	AMIS-FL2-2105-SINK-AMIS92	Lead, ppb	1.08	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS93	3/2/2017	5:43:00	AMIS-FL2-2105-DF-AMIS93	Lead, ppb	<1	Less than detection level
AMIS94	3/2/2017	5:44:00	AMIS-FL2-HALLWAYNEAR2117-SINK-AMIS94	Lead, ppb	1.09	Lead detected; less than 15ppb action level. Review 3Ts Guidelines to understand options to further reduce the risk of lead.
AMIS95	3/2/2017	5:45:00	AMIS-FL2-HALLWAYNEAR2117-DF-AMIS95	Lead, ppb	<1	Less than detection level
AMIS96	3/2/2017	5:46:00	AMIS-FL2-2117RR-SINK-AMIS96	Lead, ppb	<1	Less than detection level
AMIS97	3/2/2017	5:47:00	AMIS-FL2-2116RR-SINK-AMIS97	Lead, ppb	<1	Less than detection level

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AMIS98	3/2/2017	5:48:00	AMIS-FL2-2115RR-SINK-AMIS98	Lead, ppb	<1	Less than detection level
AMIS99	3/2/2017	5:49:00	AMIS-FL2-HALLWAYNEAR2114-SINK-AMIS99	Lead, ppb	<1	Less than detection level
AMIS100	3/2/2017	5:50:00	AMIS-FL2-HALLWAYNEAR2114-DF-AMIS100	Lead, ppb	<1	Less than detection level
AMIS101	3/2/2017	5:52:00	AMIS-FL2-2104-SINK-AMIS101	Lead, ppb	<1	Less than detection level
AMIS102	3/2/2017	5:53:00	AMIS-FL2-2104-DF-AMIS102	Lead, ppb	<1	Less than detection level
AMIS103	3/2/2017	6:07:00	AMIS-FL2-2103-SINK-AMIS103	Lead, ppb	<1	Less than detection level
AMIS104	3/2/2017	5:57:00	AMIS-FL2-2103-DF-AMIS104	Lead, ppb	<1	Less than detection level
AMIS105	3/2/2017	5:58:00	AMIS-FL2-2102-SINK-AMIS105	Lead, ppb	<1	Less than detection level
AMIS106	3/2/2017	5:59:00	AMIS-FL2-2102-DF-AMIS106	Lead, ppb	<1	Less than detection level
AMIS107	3/2/2017	6:01:00	AMIS-FL2-2101-SINK-AMIS107	Lead, ppb	<1	Less than detection level
AMIS108	3/2/2017	6:02:00	AMIS-FL2-2101-DF-AMIS108	Lead, ppb	<1	Less than detection level