

WILLINGBORO PUBLIC SCHOOLS
 WILLINGBORO, NEW JERSEY 08046-2847



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-FLUSH RESULTS-

June 22, 2017

Dear Willingboro Public School,

Our school system is committed to protecting student, teacher, and staff health. To protect our community and be in compliance with the Department of Education regulations, Willingboro School District tested our schools' drinking water for lead. S. W. Bookbinder Elementary is currently an inactive building but has been tested to determine the status of lead levels in the building.

In accordance with the Department of Education regulations, S. W. Bookbinder Elementary will implement immediate remedial measures for any drinking water outlet with a result greater than the action level of 15 µg/l (parts per billion [ppb]). This includes turning off the outlet unless it is determined the location must remain on for non-drinking purposes. In these cases, a "DO NOT DRINK – SAFE FOR HANDWASHING ONLY" sign will be posted.

Results of our Testing

Following instructions given in technical guidance developed by the New Jersey Department of Environmental Protection, we completed a plumbing profile for each of the buildings within Willingboro School District. Through this effort, we identified and tested all drinking water and food preparation outlets. Of the 67 samples taken 45 tested above the lead action level established by the US Environmental Protection Agency for lead in drinking water (15 µg/l [ppb]).

The table below identifies the drinking water outlets that tested above the 15 µg/l for lead, the actual lead level, and what temporary remedial action Willingboro School District has taken to reduce the levels of lead at these locations.

Sample Location Sample ID/Field ID	Source	First Draw Result in µg/l (ppb)	Second Draw Flush Result in µg/l (ppb)	Remedial Action
Room 4 L6751049-13 L6810861-8 BE-CRS-14	Sink	293	8.85	Post Sign "For handwashing only"

Sample Location Sample ID /Field ID	Source	First Draw Result in µg/l (ppb)	Second Draw Flush Result in µg/l (ppb)	Remedial Action
Room 9 L6751049-37 L6810861-25 BE-DWB-39	Drinking Water Bubbler	270	4.27	Initiate flush policy when building is active.
Room 6 L6751049-18 L6810861-13 BE-DWB-19	Drinking Water Bubbler	173	3.52	Initiate flush policy when building is active.
Room 14 L6751049-48 L6810861-31 BE-CRS-50	Sink	167	18.5	Post Sign "For handwashing only"
Room 26 L6751049-28 L6810861-20 BE-CRS-30	Sink	166	11.1	Post Sign "For handwashing only"
Room 15 L6751049-50 L6810861-33 BE-CRS-52	Sink	121	4.61	Post Sign "For handwashing only"
Room 5 L6751049-15 L6810861-10 BE-CRS-16	Sink	107	2.14	Post Sign "For handwashing only"

Sample Location Sample ID /Field ID	Source	First Draw Result in µg/l (ppb)	Second Draw Flush Result in µg/l (ppb)	Remedial Action
Room 8 L6751049-34 L6810861-22 BE-CRS-36	Sink	105	2.52	Post Sign "For handwashing only"
Room 12 L6751049-44 L6810861-27 BE-CRS-46	Sink	76	4.35	Post Sign "For handwashing only"
Room 26 L6751049-29 L6810861-21 BE-DWB-31	Drinking Water Bubbler	67.9	7.89	Initiate flush policy when building is active.
Room 4 L6751049-14 L6810861-9 BE-DWB-15	Drinking Water Bubbler	65.7	2.78	Initiate flush policy when building is active.
Room 1 L6751049-61 L6810861-41 BE-CRS-63	Sink	63.5	2.24	Post Sign "For handwashing only"
Room 13 L6751049-46 L6810861-29 BE-CRS-48	Sink	55.9	6.48	Post Sign "For handwashing only"

Sample Location Sample ID /Field ID	Source	First Draw Result in µg/l (ppb)	Second Draw Flush Result in µg/l (ppb)	Remedial Action
Room 15 L6751049-51 L6810861-34 BE-DWB-53	Drinking Water Bubbler	50.4	1.94	Initiate flush policy when building is active.
Room 14 L6751049-49 L6810861-32 BE-DWB-51	Drinking Water Bubbler	44.5	5.59	Initiate flush policy when building is active.
Room 7 L6751049-19 L6810861-14 BE-CRS-20	Sink	42.9	2.82	Post Sign "For handwashing only"
Room 5 L6751049-16 L6810861-11 BE-DWB-17	Drinking Water Bubbler	37.1	13.4	Initiate flush policy when building is active.
Room 3 L6751049-67 L6810861-45 BE-DWB-69	Drinking Water Bubbler	36	2.77	Initiate flush policy when building is active.
Outside Room 29 L6751049-2 L6810861-2 BE-DWB-Left-2	Drinking Water Bubbler	34.6	22.6	Discontinue use. Adequate water is available for student use

Sample Location Sample ID /Field ID	Source	First Draw Result in µg/l (ppb)	Second Draw Flush Result in µg/l (ppb)	Remedial Action
Room 19 L6751049-56 L6810861-39 BE-CRS-58	Sink	32.9	10.1	Post Sign "For handwashing only.
Room 16 L6751049-52 L6810861-35 BE-CRS-54	Sink	32.5	12.3	Post Sign "For handwashing only
Room 6 L6751049-17 L6810861-12 BE-CRS-18	Sink	30	2.39	Post Sign "For handwashing only
Room 7 L6751049-20 L6810861-15 BE-DWB-21	Drinking Water Bubbler	29.7	2.31	Initiate flush policy when building is active.
Kitchen L6751049-1 L6810861-1 BE-KC-1	Sink	29.4	.768	Initiate flush policy when building is active.
Room 8 L6751049-35 L6810861-23 BE-DWB-37	Drinking Water Bubbler	29.1	3.87	Initiate flush policy when building is active.

Sample Location Sample ID /Field ID	Source	First Draw Result in µg/l (ppb)	Second Draw Flush Result in µg/l (ppb)	Remedial Action
Teachers' Lounge L6751049-12 L6810861-7 BE-TL-13	Sink	28.1	3.48	Post Sign "For handwashing only"
Room 2 L6751049-64 L6810861-43 BE-CRS-66	Sink	25.5	8.99	Post Sign "For handwashing only"
Room 30 L6751049-7 L6810861-5 BE-CRS-8	Sink	24.2	.743	Post Sign "For handwashing only"
Room 20 L6751049-59 L6810861-40 BE-CRS-61	Sink	23.5	2.25	Post Sign "For handwashing only"
Room 1 L6751049-62 L6810861-42 BE-DWB-64	Drinking Water Bubbler	23.2	2.47	Initiate flush policy when building is active.
Room 18 L6751049-54 L6810861-37 BE-CRS-56	Sink	23.1	2.4	Post Sign "For handwashing only"

Sample Location Sample ID /Field ID	Source	First Draw Result in µg/l (ppb)	Second Draw Flush Result in µg/l (ppb)	Remedial Action
Room 16 L6751049-53 L6810861-36 BE-DWB-55	Drinking Water Bubbler	23	9.53	Initiate flush policy when building is active.
Room 18 L6751049-55 L6810861-38 BE-DWB-57	Drinking Water Bubbler	22.5	5.03	Initiate flush policy when building is active.
Room 9 L6751049-36 L6810861-24 BE-CRS-38	Sink	22.1	4.25	Post Sign "For handwashing only"
Room 10 L6751049-39 L6810861-26 BE-CRS-41	Sink	21.2	3.69	Post Sign "For handwashing only"
Room 13 L6751049-47 L6810861-30 BE-DWB-49	Drinking Water Bubbler	20.5	3.55	Initiate flush policy when building is active.
Room 25 L6751049-27 L6810861-19 BE-DWB-29	Drinking Water Bubbler	19.6	15.5	Discontinue use. Adequate water is available for student use

Sample Location Sample ID /Field ID	Source	First Draw Result in µg/l (ppb)	Second Draw Flush Result in µg/l (ppb)	Remedial Action
Room 25 L6751049-26 L6810861-18 BE-CRS-28	Sink	19.5	2.18	Post Sign "For handwashing only"
Outside Rm 29 L6751049-3 L6810861-3 BE-DWB-Right-3	Drinking Water Bubbler	19	2.88	Initiate flush policy when building is active.
Room 12 L6751049-45 L6810861-28 BE-DWB-47	Drinking Water Bubbler	18.4	3.18	Initiate flush policy when building is active.
Room 30 L6751049-8 L6810861-6 BE-DWB-9	Drinking Water Bubbler	17.8	6.86	Initiate flush policy when building is active.
Room 29 L6751049-5 L6810861-4 BE-CRS-6	Sink	17.6	3.51	Post Sign "For handwashing only"
Room 23 L6751049-22 L6810861-16 BE-CRS-23	Sink	17.1	2.11	Post Sign "For handwashing only"

Sample Location Sample ID /Field ID	Source	First Draw Result in µg/l (ppb)	Second Draw Flush Result in µg/l (ppb)	Remedial Action
Room 24 L6736103-24 L6810861-17 BE-CRS-25	Sink	15.7	2.06	Post Sign "For handwashing only"
Room 3* L6751049-66 L6810861-44 BE-CRS-68	Sink	141	4.36	Post Sign "For handwashing only"

Sample was inadvertently left off original letter

Sample Location Codes

KC = Kitchen Outlet, Cold
 CT= Cafeteria Outlet
 FP= Food Preparation Sink
 TL= Teacher Lounge Sink
 NS = Nurse's Office Sink
 EC = Home Economics Outlet, Cold
 DWB= Drinking Water Bubbler
 WC = Water Cooler (Chiller Unit)

IM = Ice Machine
 C = Clinic
 DW = Dish Washing Area
 CRS = Class Room Sink
 LS = Library Sink
 L = Library
 APO = Assistant Principal's Office
 BRS = Boiler Room Sink

Health Effects of Lead

High levels of lead in drinking water can cause health problems. Lead is most dangerous for pregnant women, infants, and children under 6 years of age. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. Exposure to high levels of lead during pregnancy contributes to low birth weight and developmental delays in infants. In young children, lead exposure can lower IQ levels, affect hearing, reduce attention span, and hurt school performance. At *very* high levels, lead can even cause brain damage. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

How Lead Enters our Water

Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like groundwater, rivers and lakes. Lead enters drinking water primarily as a result of the corrosion, or wearing away, of materials containing lead in the water distribution system and in building plumbing. These materials include lead-based solder used to join copper pipe, brass, and chrome-plated brass faucets. In 1986, Congress banned the use of

lead solder containing greater than 0.2% lead, and restricted the lead content of faucets, pipes and other plumbing materials. However, even the lead in plumbing materials meeting these new requirements is subject to corrosion. When water stands in lead pipes or plumbing systems containing lead for several hours or more, the lead may dissolve into the drinking water. This means the first water drawn from the tap in the morning *may* contain fairly high levels of lead.

Lead in Drinking Water

Lead in drinking water, although rarely the sole cause of lead poisoning can significantly increase a person's total lead exposure, particularly the exposure of children under the age of 6. EPA estimates that drinking water can make up 20% or more of a person's total exposure to lead.

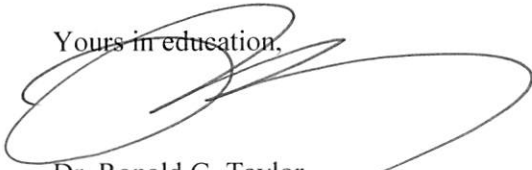
For More Information

A copy of the test results is available in our central office for inspection by the public, including students, teachers, other school personnel, and parents, and can be viewed between the hours of 8:30 a.m. and 4:00 p.m. and are also available on our website at www.willingboroschools.org. For more information about water quality in our schools, contact Orlando L. Chandler at the Willingboro Facilities Department, 609-835-8786 Ext. 7501.

For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

If you are concerned about lead exposure at this facility or in your home, you may want to ask your health care providers about testing children to determine levels of lead in their blood.

Yours in education,



Dr. Ronald G. Taylor
Superintendent of Schools