

Charleston County School District is testing drinking water from water taps within all schools to determine the possible presence of lead. We developed the testing program in consultation with officials from the S.C. Department of Health and Environmental Control (DHEC) and local municipal water systems.

We tested over 35 water taps at Mt. Zion Elementary School and the results are shown below. You will find dates, locations, and results of testing in a table. You can tell what each sample represents by the sample #, for example “MZ-S1” refers to a sink at Mt. Zion Elementary School, “F” refers to fountain, and “IM” refers to ice machine. There is a “Key” at the top of the table to explain these abbreviations.

We are pleased to report the results from this testing found that Mt. Zion Elementary School’s drinking water was at or below the recommended level of 15 parts per billion (ppb) for “first draw” testing in all cases.

We have recently expanded a program that includes flushing of all water taps at our schools and we have expanded filtering of common-area water cooler-fountains, all of which are now filtered at Mt. Zion Elementary School. These initiatives, in addition to the drinking water testing, demonstrate our intent to provide the highest quality of drinking water for our students.

You may also review some frequently asked questions about the testing and other helpful links about drinking water at the CCSD Facilities Management web page (www.ccsdschools.com/watersampling). If you have additional questions, you may contact our staff at (843) 566-1835 or facilities@ccsdschools.com.

Mt. Zion ES

Notes: Threshold for action is 15.00 parts per billion (ppb).

Key: S=sink, F=fountain, FS=fountain sink, B=bubbler, IM=ice machine, BF=bottle filler, 1CS=one-compartment-sink, 2CS=two-compartment sink, 3CS=three-compartment sink

Sample #	Area	First-Draw Date Sampled	First-Draw Sample Result (parts per billions, ppb)	Immediate Action	Second and Flush Sample Date (if applicable)	Second First-Draw Sample Result (if applicable)	Flush Sample Result (if applicable)	Corrective Action (if applicable)
MZ-S1	Workroom	10/19/19	1.23 ppb					
MZ-S3	Clinic	10/19/19	3.35 ppb					
MZ-S7	Office adjacent to Media Center	10/19/19	6.1 ppb					
MZ-S17	Room 130	10/19/19	10 ppb					
MZ-S18	Room 130	10/19/19	2.76 ppb					
MZ-S19	Room 129	10/19/19	1.23 ppb					
MZ-S22	Trailer No. 129	10/19/19	Non-detect					
MZ-S23	Trailer No. 129	10/19/19	Non-detect					
MZ-S24	Trailer No. 129	10/19/19	Non-detect					
MZ-S25	Trailer No. 129	10/19/19	Non-detect					
MZ-S27	Room 211	10/19/19	Non-detect					
MZ-S28.1	Room 212	10/19/19	0.556 ppb					
MZ-S28.2	Room 212	10/19/19	Non-detect					
MZ-S29	Room 210	10/19/19	Non-detect					
MZ-S30	Room 208	10/19/19	0.543 ppb					
MZ-S31	Room 207	10/19/19	0.551 ppb					
MZ-S32	Room 207	10/19/19	Non-detect					
MZ-S33	Room 205	10/19/19	0.522 ppb					
MZ-S34	Room 206	10/19/19	0.84 ppb					
MZ-S35	Room 204	10/19/19	1.2 ppb					
MZ-S36	Kitchen - Food Prep	10/19/19	0.628 ppb					
MZ-S37	Kitchen	10/19/19	0.586 ppb					
MZ-IM1	Kitchen	10/19/19	0.685 ppb					
MZ-F1A	Hallway Outside Room 130	10/19/19	Non-detect					
MZ-F1B	Room 207	10/19/19	Non-detect					
MZ-F2	Workroom	10/19/19	2.3 ppb					
MZ-F3	Clinic	10/19/19	0.909 ppb					
MZ-F5	Hallway adjacent to Kitchen	10/19/19	Non-detect					
MZ-F6	Hallway across from Room 128	10/19/19	Non-detect					
MZ-F7	Trailer No. 129	10/19/19	4.09 ppb					
MZ-F8	Room 211	10/19/19	Non-detect					
MZ-F9	Room 210	10/19/19	0.977 ppb					
MZ-F10	Room 208	10/19/19	0.764 ppb					
MZ-F12	Room 205	10/19/19	0.731 ppb					
MZ-F13	Room 206	10/19/19	0.737 ppb					
MZ-F14	Room 204	10/19/19	1.15 ppb					
MZ-F15	Trailer No. 129	10/19/19	Non-detect					