

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 80 water taps at Ladson 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 “LAD-BF-101” refers to a bottle filler at Ladson, “F” refers to fountain, and “IM” refers to ice machine. There is a “Key” at the top of the table to explain these abbreviations.

The results from this testing found that Ladson Elementary School’s drinking water was at or below the recommended level of 15 parts per billion (ppb) for “first draw” testing except for two faucets at sinks in room 503, both of which have not been used for 3-5 years according to school staff. Our staff immediately turned off the faucets. Each faucet was resampled later for validation purposes and we are awaiting results. However each has been completely removed based on the advice of the principal that they are no longer needed.

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 Ladson 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.

Ladson 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	First-Draw	Immediate Action	Second and Flush	Second First-Draw	Flush Sample	Corrective
LAD-BF-101	Hallway outside of Room 204	10/12/19	Non Detect					
LAD-BF-11	Hallway between Rm 302 and Rm 306	10/12/19	Non Detect					
LAD-BF-6	Outside Room 310	10/12/19	Non Detect					
LAD-BF-8	Outside of Room 404	10/12/19	Non Detect					
LAD-F-10	Hallway between Rm 302 and Rm 304	10/12/19	Non Detect					
LAD-F-100	Hallway outside of Room 204	10/12/19	Non Detect					
LAD-F-101	Hallway outside of Room 204	10/12/19	Non Detect					
LAD-F-11	Hallway between Rm 302 and Rm 305	10/12/19	Non Detect					
LAD-F-20	Hall by 507	10/12/19	Non Detect					
LAD-F-21	Hall by 507	10/12/19	Non Detect					
LAD-F-22	Mobile 181	10/12/19	Non Detect					
LAD-F-23	Mobile 182	10/12/19	Non Detect					
LAD-F-3	Room 209	10/12/19	Non Detect					
LAD-F-4	Outside Room 411	10/12/19	Non Detect					
LAD-F-5	Outside Room 411	10/12/19	Non Detect					
LAD-F-6	Outside Room 310	10/12/19	Non Detect					
LAD-F-7	Outside of Room 404	10/12/19	Non Detect					
LAD-F-8	Outside of Room 404	10/12/19	Non Detect					
LAD-FB-21	Hall by 507	10/12/19	Non Detect					
LAD-FS-1	Room 502	10/12/19	1.2 ppb					
LAD-FS-10	Room 306	10/12/19	Non Detect					
LAD-FS-100	Media Center Workroom	10/12/19	9.4 ppb					Filter added
LAD-FS-11	Room 310	10/12/19	Non Detect					
LAD-FS-12	Room 311	10/12/19	Non Detect					
LAD-FS-13	Room 307	10/12/19	Non Detect					
LAD-FS-13	Room 307	10/12/19	Non Detect					
LAD-FS-13.1	Room 307	10/12/19	1.8 ppb					
LAD-FS-14	Room 401	10/12/19	Non Detect					
LAD-FS-14.1	Room 401	10/12/19	2.4 ppb					
LAD-FS-15	Room 404	10/12/19	Non Detect					
LAD-FS-16	Room 405	10/12/19	Non Detect					
LAD-FS-17	Room 410	10/12/19	1.6					
LAD-FS-18	Room 301	10/12/19	1.8 ppb					
LAD-FS-3	Room 208	10/12/19	Non Detect					
LAD-FS-4	Room 207	10/12/19	Non Detect					
LAD-FS-5	Room 206	10/12/19	1.3					
LAD-FS-6	Room 205	10/12/19	2.1 ppb					
LAD-FS-7	Room 304	10/12/19	Non Detect					
LAD-FS-8	Room 302	10/12/19	Non Detect					
LAD-FS-9	Room 305	10/12/19	Non Detect					
LAD-FSB-1	Room 502	10/12/19	Non Detect					
LAD-FSB-10	Room 306	10/12/19	Non Detect					
LAD-FSB-11	Room 310	10/12/19	Non Detect					
LAD-FSB-12	Room 311	10/12/19	Non Detect					
LAD-FSB-13	Room 307	10/12/19	Non Detect					

Ladson 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	First-Draw	Immediate Action	Second and Flush	Second First-Draw	Flush Sample	Corrective
LAD-FSB-13	Room 307	10/12/19	Non Detect					
LAD-FSB-14	Room 401	10/12/19	Non Detect					
LAD-FSB-15	Room 404	10/12/19	4.9 ppb					Filter added
LAD-FSB-16	Room 405	10/12/19	Non Detect					
LAD-FSB-17	Room 410	10/12/19	Non Detect					
LAD-FSB-18	Room 301	10/12/19	Non Detect					
LAD-FSB-3	Room 208	10/12/19	Non Detect					
LAD-FSB-4	Room 207	10/12/19	Non Detect					
LAD-FSB-5	Room 206	10/12/19	Non Detect					
LAD-FSB-6	Room 205	10/12/19	Non Detect					
LAD-FSB-7	Room 304	10/12/19	Non Detect					
LAD-FSB-8	Room 302	10/12/19	Non Detect					
LAD-FSB-9	Room 305	10/12/19	Non Detect					
LAD-IM-1	Kitchen	10/12/19	Non Detect					
LAD-S-1	Office Rm 100	10/12/19	Non Detect					
LAD-S-15	Room 209	10/12/19	Non Detect					
LAD-S-17	Room 410	10/12/19	Non Detect					
LAD-S-19	Room 207	10/12/19	Non Detect					
LAD-S-21	Room 206	10/12/19	3.3 ppb					
LAD-S-22	Room 205	10/12/19	2.7 ppb					
LAD-S-36	Room 503	10/12/19	67 ppb	Temporarily terminated service				Fixture Removed
LAD-S-37	Room 503	10/12/19	190 ppb	Temporarily terminated service				Fixture Removed
LAD-S-45	Room 504	10/12/19	Non Detect					
LAD-S-47	Room 502	10/12/19	Non Detect					
LAD-S-49	Head Start Mobile	10/12/19	Non Detect					
LAD-S-5	Room 106	10/12/19	5.8 ppb					Filter added
LAD-S-50	Head Start Mobile	10/12/19	Non Detect					
LAD-S-51	Head Start Mobile	10/12/19	Non Detect					
LAD-S-65	Head Start Mobile	10/12/19	Non Detect					
LAD-S-68	Head Start Mobile	10/12/19	Non Detect					
LAD-S-69	Head Start Mobile	10/12/19	1.9					
LAD-S-7	Room 202	10/12/19	Non Detect					
LAD-S-72	Head Start Mobile	10/12/19	Non Detect					
LAD-S-73	Head Start Mobile	10/12/19	4.0 ppb					
LAD-S-K1	Kitchen	10/12/19	Non Detect					
LAD-S-K2	Kitchen	10/12/19	1.3 ppb					
LAD-S-K3	Kitchen	10/12/19	1.7 ppb					
LAD-S-K4	Kitchen	10/12/19	Non Detect					
LAD-S-K5	Kitchen	10/12/19	10 ppb					Filter added