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Lead Testing of Water in Schools
Jan 21

R 7425 LEAD TESTING OF WATER IN SCHOOLS

The Board of Education shall assure the availability of potable drinking water through sanitary means in school facilities or upon school grounds and shall test the school drinking water quality in accordance with the Safe Drinking Water Act, N.J.S.A. 58:12A-1 and the Planning and Construction Standards for School Facilities, N.J.A.C. 7:10 and N.J.A.C. 6A:26-6.

The school district shall conduct lead sampling and analysis in all drinking water outlets to which a student or staff member has, or may have, access in each school facility, other facility, or temporary facility in accordance with the provisions of N.J.A.C. 6A:26-12.4.

A. Testing of Drinking Water

1. Schedule

a. Sampling shall be conducted in accordance with a lead sampling plan, which shall include:

- (1) A plumbing survey for each facility that identifies how water enters and flows through each facility, the types of plumbing materials used in the facility, such as the service line, piping, solder, fixtures, drinking water outlets where students or staff have or may have access, and point of use treatment, such as drinking water filters;
- (2) The names and responsibilities of all individuals involved in sampling; and
- (3) The following sampling procedures:
 - (a) Samples shall be taken after water has sat undisturbed in the school pipes for at least eight hours, but no more than forty-eight hours before the sample is taken.



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- (i) 24-hour school facilities shall collect first-draw samples at drinking water outlets following a stagnation time that would likely result in the longest standing time;
 - (b) At least eight hours prior to sampling, signs shall be posted to indicate that water shall not be used and access to the buildings subject to the sampling shall be restricted to all but authorized staff members;
 - (c) Existing aerators, screens, and filters shall not be replaced or removed prior to or during sampling; and
 - (d) All samples shall be collected in pre-cleaned high-density polyethylene (HDPE) 250 milliliter (mL) wide-mouth single-use rigid sample containers that are properly labeled.
2. Analysis of Samples
- a. Analysis of samples shall be conducted as follows:
 - (1) Analysis shall be conducted by a certified laboratory to analyze for lead in drinking water;
 - (2) The laboratory shall use an approved analytical method pursuant to the Federal Safe Drinking Water Act at 40 CFR 141.23(k)(1); and
 - (3) Sample analysis shall be conducted in accordance with a Quality Assurance Project Plan (QAPP), which shall be signed by the Board, the certified laboratory, and the individual responsible for conducting the sampling. The QAPP shall include



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the identification of analytical methods, chain of custody procedures, data validation and reporting processes, detection limits, reporting to three significant figures, field blanks, and quality control measures required by the certified method.

- b. The Superintendent or designee may utilize a technical guidance manual, which will be developed by the New Jersey Department of Education (NJDOE), in consultation with the Department of Environmental Protection (DEP), to assist in the school district's compliance with the sampling and analysis requirements of this Regulation.
3. Designated Statewide Required Testing
 - a. Notwithstanding the results or date of any prior testing, the Board shall continue to test drinking water outlets as provided in A.2.a. above in the designated Statewide required testing year, which shall be every third school year beginning with the 2021-2022 school year and subsequently occurring in the 2024-2025 school year:
 - (1) By no later than June 30 of the designated Statewide required testing year, the Board shall test all drinking water outlets. Sampling shall be prioritized, such that buildings and facilities that previously had outlets with results above the action level or identified in the plumbing profile as high risk for lead shall be sampled first in accordance with the sampling plan; and
 - (2) The Board shall sample for lead after the replacement of any drinking water outlet or any other alteration to plumbing or service lines that may impact lead levels at the outlet.



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- b. If the Board tests drinking water outlets for lead more frequently than the three-year cycle set forth in A.3.a. above, the notification requirements set forth in B.2.b. below shall apply.
 - (1) If drinking water outlets are tested more frequently in accordance with A.3.b. above, the Board shall make the most recent results for each facility available on the Board's website.
- 4. Statement of Assurance
 - a. The Board shall submit to the NJDOE by June 30 each year a statement of assurance that lead testing was completed, that notifications were provided, and that alternate drinking water continues to be made available in accordance with N.J.A.C. 6A:26-12.4.
- 5. Exception from Testing Requirements
 - a. The Board may request an exemption from the testing requirements set forth in A.2. above if they can demonstrate that they do not use any drinking water outlets for consumption or food preparation in any of their facilities.
 - b. The Board shall submit an application to the NJDOE documenting that no drinking water outlets are used in their facilities and the provisions for an alternative source of drinking water.
 - c. If the school district receives an exemption from the NJDOE from testing, the Board shall make available for public inspection at the school facility and on the Board's website, if applicable, confirmation that the school district is exempt from testing.



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- d. No later than June 30 of each Statewide required testing school year set forth in A.3. above, the Board shall either begin testing procedures in accordance with section A.3.a. above or reapply for an exemption under section A.5.

B. Water Testing – Laboratory Results

1. The Superintendent or designee shall complete a review of final laboratory results within seventy-two hours of receipt.
2. Within twenty-four hours after the Superintendent or designee has reviewed the final laboratory results, the Superintendent or designee shall:
 - a. Make the test results of all water samples publicly available at the school facility in accordance with section B.3. below and make the results from the most recent required Statewide testing available on the Board’s website; and
 - b. If any results exceed the permissible lead action level, provide written notification to the parents of all students attending the facility, facility staff, and the Department of Education. This written notification shall be posted on the Board’s website and shall include a description of the following:
 - (1) Measures taken by the Board or its designee, to immediately end use of each drinking water outlet where water quality exceeds the permissible lead action level;
 - (2) Any additional remedial actions taken or planned by the Board;
 - (3) The measures taken to ensure that alternate drinking water has been made available to all students and staff members at the school(s) where the water outlet(s) is located; and
 - (4) Information regarding the health effects of lead.



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3. Test results of all water samples shall remain publicly available in accordance with the timeline established by the Department of the Treasury in the Records Retention Schedule.

C. Reimbursement

1. The Board shall be eligible to be reimbursed for the water supply testing and analysis conducted pursuant to section A.3. above after July 1, 2021, as approved by the NJDOE and subject to available funds.
2. To be eligible to receive reimbursement, the Board shall complete and submit to the NJDOE a reimbursement application on a form, or in a format, supplied by the NJDOE.
 - a. The NJDOE will make the reimbursement application available on its website.
3. If the school district conducts additional testing in a year other than the Statewide required testing school year as set forth in A.3. above, the district shall not be eligible for reimbursement.

D. Failure to Comply

1. Failure to comply with any requirement of N.J.A.C. 6A:26-12.4 and Policy and Regulation 7425 may result in any of the following:
 - a. Board's disqualification for reimbursement pursuant to C. above;
 - b. The NJDOE's initiation of an investigation by the Office of Fiscal Accountability and Compliance; and
 - c. The Commissioner's withholding of State aid pursuant to N.J.A.C. 6A:2-1.2.

Adopted: 4/12/2021

