

J.C. Broderick & Associates, Inc.

Environmental / Construction Consulting & Testing

October 28, 2016

Dr. Charles Russo
East Moriches Union Free School District
Administration Building
9 Adelaide Avenue
East Moriches, New York 11940

**Re: Lead in Water Sampling Addendum No. 1
East Moriches Middle School
East Moriches Elementary School**

JCB#: 16-34790

Dear Dr. Russo:

J. C. Broderick & Associates, Inc. (JCB) was retained by the East Moriches Union Free School District to perform an assessment and testing of the drinking water outlets servicing the above referenced school buildings for the presence of lead. The assessment and testing was performed in accordance with the United States Environmental Protection Agency (EPA) protocols as recommended in their publication 3Ts for Reducing Lead in Drinking Water in Schools.

On Tuesday, September 6, 2016 the New York State Department of Health (NYS DOH) enacted an emergency Regulation; 10 NYCRR Subpart 67-4, Lead Testing in School Drinking Water. In this regulation, the NYS DOH imposes an action level of fifteen parts per billion (15 ppb), which is lower than the EPA's action level of twenty parts per billion (20 ppb).

The initial assessment and testing performed indicate that the lead levels of all the tested potable (drinking) water outlets currently servicing the School District meet both the federal guidelines and state regulation action levels. Sampling was performed at twenty-three (23) outlets and lead was detected above the DOH action level at only two (2) of these locations. These locations have been removed from service and will remain out of service until further investigation, remediation and/or retesting is completed. A summary of these outlets can be referenced in the attached table.

It should be noted that both interim and permanent remediation and retesting efforts have already begun. When retesting results reveal satisfy the State regulation the outlet will be returned to service. When all testing and remediation activities have been completed a final report with all results will be forwarded to the District.

The emergency DOH regulation requires specific notifications to the public, State and Local Health Departments. A summary of these required notifications as they're stated in the regulation is also attached to this letter for your reference.

Please note that the referenced DOH regulation is an emergency regulation, as such; revisions, amendments and/or technical interpretations are expected. These updates may require additional sampling, notifications and/or other requirements. We will monitor the DOH's progress of the regulation and advise you of any relevant findings.

If you need any further assistance, please feel free to contact our office.

Sincerely,



Edward McGuire
J.C. Broderick & Associates, Inc.



Attachment No. 1
East Moriches Union Free School District
JCB#16-34790

School Building	Drinking Water Outlets Sampled	Locations which Exceeded DOH Action Level
East Moriches Elementary School	12	Map Location 4: Kitchen Faucet Map Location 8: Bubbler in Corridor by Room K1
East Moriches Middle School	11	None

NYS DOH Lead in Water Compliance Checklist for Testing and Notification Date Requirements

Yes No N/A

FIRST DRAW SAMPLING DEADLINES

Any first-draw sampling that occurred after January 1, 2015 shall satisfy the initial first-draw sampling requirement.

Any school serving children in any of the levels prekindergarten through grade five, collection of samples is to be completed by September 30, 2016

Any school serving children in any of the levels grades six through twelve that are not also serving students in any of the levels prekindergarten through grade five, and all other applicable buildings, collection of samples is to be completed by October 31, 2016

For buildings put into service after the effective date of this regulation, initial first-draw samples shall be performed prior to occupancy; provided that if the building is put into service between the effective date of this regulation but before October 31, 2016, the school shall have 30 days to perform first-draw sampling

Continued monitoring: Schools shall collect first-draw samples again in 2020 or at an earlier time as determined by the commissioner. Schools shall continue to collect first-draw samples at least every 5 years thereafter or at an earlier time as determined by the commissioner.

RESPONSE NOTIFICATIONS (Receipt of first draw sampling laboratory report)

Report results to the local health department as soon as practicable, but no more than 1 business day after the school received the laboratory report

Notify all staff and all persons in parental relation to students of the test results, in writing, as soon as practicable but not more than 10 business days after the school received the laboratory report; and, for results of tests performed prior to the effective date of this Subpart, within 10 business days of this regulation's effective date, unless such written notification has already occurred.

PUBLIC NOTIFICATIONS (After receiving report with lead retesting results and implemented lead remediation actions)

By October 31, 2016, the school shall make available on its website a list of all buildings that are determined to be lead-free, as defined in section 1417 of the Federal Safe Drinking Water Act.

Section 1417 of the Safe Drinking Water Act (SDWA) establishes the definition for "lead free" as a weighted average of 0.25% lead calculated across the wetted surfaces of a pipe, pipe fitting, plumbing fitting, and fixture and 0.2% lead for solder and flux.

The school shall make available, on the school's website, the results of all lead testing performed and lead remediation plans implemented pursuant to this Subpart, as soon as practicable, but no more than 6 weeks after the school received the laboratory reports.

For schools that received lead testing results and implemented lead remediation plans in a manner consistent with this Subpart, but prior to effective date of this Subpart, the school shall make available such information, on the school's website, as soon as practicable, but not more than 6 weeks after the effective date of this Subpart.

REPORTING TO DEPARTMENT OF HEALTH

As soon as practicable but no later than November 11, 2016, the school shall report required information to the NYS DOH, local health department, and State Education Department, through the Departments designated statewide electronic reporting system:

As soon as practicable, but no more than 10 business days after the school received the laboratory reports, the school shall report data relating to test results to the Department, local health department, and State Education Department, through the Department's designated statewide electronic reporting system.

RECORDKEEPING

The school shall retain all records of test results, lead remediation plans, determinations that a building is lead-free, and waiver requests, for ten years following the creation of such documentation. Copies of such documentation shall be immediately provided to the Department, local health department, or State Education Department, upon request.