

**OFFICE OF BUSINESS ADMINISTRATION
PATCHOGUE-MEDFORD SCHOOLS
241 South Ocean Avenue
Patchogue, NY 11772
(631) 687-6330**

TO: Staff
FROM: Donna Jones, Ed.D., Asst. Superintendent for Business
DATE: September 21, 2016
RE: Lead in Drinking Water



Please be advised that on September 6, 2016, the Governor signed into law a bill that requires school districts to test all potable water outlets for lead contamination and to take necessary actions to address any identified concerns.

In anticipation of the bill being passed into law and in response to the lead contamination crisis in Flint, Michigan, the District took the proactive measure of beginning to test potable water outlets within the District over the summer.

In July 2016, the District hired a reputable environmental consultant to test water samples districtwide. We tested 399 locations within our schools that contained potable outlets in order to determine if the lead contamination thresholds fell within the allowable ranges as defined by the Department of Environmental Protection. The results of the testing is attached in a letter from the environmental consultant, J.C. Broderick and Associates, Inc. I ask that you please read the report carefully, as it identifies areas of concern in each of the buildings.

Please be informed that the District will be taking a series of actions in response to the findings and to provide a safe environment for the students and staff. Our response includes the following actions:

1. File findings with the Department of Health;
2. Post information regarding Lead in Drinking Water and findings on the District website;
3. Notify staff and parents;
4. Educate students regarding the risks associated with lead contamination in drinking water;
5. Cap all faucets or provide water filters for potable outlets containing lead beyond the allowable thresholds;
6. Continue to test water and communicate findings as required;
7. Purchased a total of 125 water filling stations to replace old water fountains districtwide. The new stations are in the process of being installed.

Until further notice, I strongly recommend that you only drink water from the newly installed water filling stations located in your respective buildings or bring your own water bottles to work.

Please be assured that the District recognizes the urgency of addressing this Health and Safety matter and will continue to update you as necessary.

Please also check the District website for additional information regarding lead in drinking water that has been published by the New York State Department of Health.

/r/

Attachment

cc: Board of Education
M. Hynes, Ed.D.



Patchogue-Medford School District

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Assistant Superintendent for Business
241 South Ocean Avenue
Patchogue, New York 11772
(631) 687-6330
(631) 687-6339 FAX

September 20, 2016

To Whom It May Concern:

I have been advised that this email address at the Department of Health has been established for the purposes of notifying the Department of Health when a school district receives lab results of lead testing conducted on district facilities by an environmental consultant.

The Patchogue-Medford School District received the results of the first round of testing on Monday, September 19, 2016. Accordingly, I am providing you with a copy of the findings for your records. We will continue to keep you apprised of any additional testing results that we receive in the future.

Please don't hesitate to contact me should you have any questions or concerns.

Sincerely,

Donna Jones, Ed.D.
Asst. Superintendent for Business

/rl

cc: Board of Education
M. Hynes, Ed.D.
J. Fleming
B. Broderick
K. Nannini

J.C. Broderick & Associates, Inc.

Environmental/Construction Consulting & Testing



September 15, 2016

Mr. John Fleming
Patchogue-Medford Union Free School District
241 South Ocean Avenue
Patchogue, New York 11772-3787

**Re: Lead in Water Sampling Addendum No. 1
NYS DOH Regulation Update
Patchogue-Medford Union Free School District**

JCB#: 16-34560

Dear Mr. Fleming:

J. C. Broderick & Associates, Inc. (JCB) was retained by the Patchogue-Medford 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 potable (drinking) water outlets currently servicing the School District meet both the federal guidelines and state regulation action levels. Sampling was performed at three hundred ninety nine (399) outlets and lead was detected above the EPA action level at only ninety six (96) of these locations and above the new DOH action level at an additional thirty four (34) locations. All of these outlets 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 on many of these outlets. When retesting results reveal satisfaction of both the Federal guidelines and State regulation the outlets 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,

A handwritten signature in dark ink, appearing to read 'Edward McGuire', is written over a horizontal line.

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

**Attachment No. 1
Pachogue-Medford Union Free School District
JCB#16:34560**

School Building	High Priority Drinking Outlet Locations which Exceed EPA and/or DOH Action Levels
Administration Building	None
Pachogue Medford HS	<p><u>Exceed EPA 20ppb AL</u> Map location 10: Fountain in P.E. Office Map location 23: Faucet in Kitchen Map location 24: Faucet in Kitchen Map location 26: Fountain in Room 110 Office Suite Map location 29: Fountain in Corridor Rooms 200;212 Map location 44: Home Ec. Faucet in Room 119 Map location 48: Home Ec. Faucet in Room 119</p> <p><u>Exceed DOH 15ppb AL</u> Map location 27: Fountain in Corridor by AV Room Map location 34: Fountain in Corridor Rooms 227-233 Map location 45: Home Ec. Faucet in Room 119</p>
Oregon Middle School	<p><u>Exceed EPA 20ppb AL</u> Map location 3: Faucet in Kitchen</p> <p><u>Exceed DOH 15ppb AL</u> Map location 10: Bubbler in Cafeteria</p>
Saxton Middle School	<p><u>Exceed EPA 20ppb AL</u> Map Location 32: Fountain in Corridor by Plant & Facilities Kitchen</p> <p><u>Exceed DOH 15ppb AL</u> Map location 5: Fountain in Gym Map location 26: Fountain in Corridor by Room 210 Map location 30: Fountain in Corridor by Room 112</p>
South Ocean Middle School	<p><u>Exceed EPA 20ppb AL</u> Map location 16: Faucet in room 405 prep room Map location 17: Faucet in room 405 prep room</p> <p><u>Exceed DOH 15ppb AL</u> Map location 18: Faucet in conference room kitchen Map location 19: Stop sink in print shop printing center</p>
Barton Elementary School	<p><u>Exceed EPA 20ppb AL</u> Map location 10: Fountain in Classroom 116 Map location 12: Fountain in Classroom 117 Map location 14: Fountain in Classroom 119 Map location 22: Fountain in Art room 107 Map location 26: Fountain in Nurse's Office Map location 31: Fountain in Classroom 222 Map location 33: Fountain in Classroom 220 Map location 35: Fountain in Classroom 218 Map location 38: Fountain in Classroom 212 Map location 40: Fountain in Classroom 210 Map location 41: Fountain in Classroom 209 Map location 43: Fountain in Classroom 207 Map location 46: Fountain in Classroom 204 Map location 48: Fountain in Classroom 202</p> <p><u>Exceed DOH 15ppb AL</u> Map location 45: Fountain in Classroom 205</p>
Bay Avenue Elementary School	<p><u>Exceed EPA 20ppb AL</u> Map location 3: Fountain in classroom 101 Map location 4: Fountain in classroom 102</p>

	<p>Map location 5: Fountain in classroom 103 Map location 7: Fountain in classroom 105 Map location 10: Fountain in classroom 108 Map location 13: Fountain in classroom 111 Map location 16: Fountain in classroom 201 Map location 17: Fountain in classroom 203 Map location 18: Fountain in classroom 205 Map location 19: Fountain in classroom 207 Map location 20: Fountain in classroom 209 Map location 21: Fountain in hallway by classroom 210 Map location 23: Fountain in classroom 208 Map location 24: Fountain in classroom 206 Map location 26: Fountain in classroom 202 Map location 27: Fountain in main office Map location 32: Fountain in hallway to music room Map location 33: Faucet in faculty bathroom <u>Exceed DOH 15pph AL</u> Map location 6: Fountain in classroom 104 Map location 8: Fountain in classroom 106 Map location 14: Fountain in classroom 112</p>
Canan Elementary	<p><u>Exceed EPA 20pph AL</u> Map location 7- Faucet in Main Office Map location 11- Fountain in Room 4 Map location 12- Fountain in Room 5 Map location 13- Fountain in Room 6 Map location 15- Fountain in Room 7 Map location 16- Fountain in Room 8 Map location 19- Fountain in Room 12 Map location 20- Fountain in Room 13 Map location 32- Fountain in Room 33 Map location 33- Fountain in Room 32 Map location 34- Fountain in Room 31 Map location 35- Fountain in Room 27 Map location 36- Fountain in Room 30 Map location 38- Fountain in Room 26 Map location 39- Fountain in Room 24 Map location 42- Fountain in Computer Lab Map location 43- Fountain in Room 20 Map location 44- Fountain in Room 600 <u>Exceed DOH 15pph AL</u> Map location 40- Fountain in room 22 Map location 41- Fountain in room 21</p>
Eagle Avenue Elementary School	<p><u>Exceed EPA 20pph AL</u> Map location 8: Fountain in music room #45 Map location 10: Fountain in classroom 12 Map location 11: Fountain in classroom 13 Map location 16: Fountain in classroom 9 Map location 17: Fountain in classroom 16 Map location 20: Fountain in classroom 7 Map location 21: Fountain in book room 6 Map location 25: Fountain in classroom ESL room 18 Map location 27: Fountain in classroom 19 Map location 32: Fountain in classroom 22 Map location 38: Fountain in classroom 37 Map location 40: Fountain in computer lab 38 Map location 41: Fountain in classroom 30 Map location 42: Fountain in classroom 29 Map location 43: Fountain in classroom 26 Map location 49: Fountain in classroom 41 Map location 54: Fountain in classroom 36</p>

	<p><u>Exceed DOH 15ppb AL</u> Map location 2: Faucet in kitchen Map location 3: Faucet in kitchen Map location 13: Fountain in classroom 14 Map location 15: Fountain in classroom 15 Map location 18: Fountain in classroom 8 Map location 24: Fountain in classroom 4 Map location 29: Fountain in classroom 2 Map location 46: Fountain in classroom 25 Map location 48: Fountain in classroom 40</p>
Medford Avenue Elementary School	<p><u>Exceed EPA 20ppb AL</u> Map location 3: Faucet in library storage <u>Exceed DOH 15ppb AL</u> Map location 10: Fountain in classroom 2</p>
River Elementary School	<p><u>Exceed EPA 20ppb AL</u> Map location 10: Fountain in music room Map location 13: Fountain in classroom 25 Map location 14: Fountain in classroom 28 Map location 15: Fountain in classroom 20 Map location 17: Fountain in hallway by 21 Map location 20: Fountain in classroom 19 <u>Exceed DOH 15ppb AL</u> Map location 4: Sink in nurse's office Map location 8: Fountain in kindergarten classroom 3 Map location 9: Fountain in kindergarten classroom 4</p>
Tremont Elementary	<p><u>Exceed EPA 20ppb AL</u> Map location 10: Kitchen Faucet Map location 13: Fountain in Classroom 10 Map location 14: Fountain in Book Room 9 Map location 17: Fountain in Classroom 12 Map location 28: Fountain in Classroom 20 Map location 29: Faucet in Classroom 21 Map location 37: Fountain in Classroom 27 Map location 40: Fountain in Classroom 30 <u>Exceed DOH 15ppb AL</u> Map location 5: Fountain in Classroom 6 Map location 20: Fountain in Classroom 15 Map location 21: Fountain in Classroom 16 Map location 25: Faucet in Classroom 18 Map location 33: Fountain in Classroom 24 Map location 35: Fountain in Classroom 26</p>

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.

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

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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.

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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 school. Schools shall continue to collect first-draw samples at least every 5 years thereafter or at an earlier time as determined by the school.

RESPONSE NOTIFICATIONS (Receipt of first draw sampling laboratory report)

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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.

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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 activities)

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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 across the wetted surfaces of a pipe, pipe fitting, plumbing fitting, and fixture and 0.2% lead in solder and flux.

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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.

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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

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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.

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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

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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.