

J.C. Broderick & Associates, Inc.

Environmental / Construction Consulting & Testing



September 22, 2016

Mr. James Meade
Western Suffolk BOCES
507 Deer Park Road
PO Box 8007
Dix Hills, New York 11746

**Re: Lead in Water Sampling Addendum No. 1
NYS DOH Regulation Update
Western Suffolk BOCES**

JCB#: 16-34958

Dear Mr. Meade:

J. C. Broderick & Associates, Inc. (JCB) was retained by Western Suffolk BOCES 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 one hundred seventy-one (171) outlets and lead was detected above the EPA action level at only fourteen (14) of these locations and above the new DOH action level at an additional five (5) 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 black ink, appearing to read 'Edward McGuire', is written over a light blue horizontal line.

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

**Attachment No. 1
Western Suffolk BOCES
JCB#16-34958**

School Building	Drinking Water Outlets Sampled	Locations which Exceed EPA and/or DOH Action Levels
Central Administration	7	<p><u>Exceed EPA 20ppb AL</u> None</p> <p><u>Exceed DOH 15ppb AL</u> None</p>
Western Suffolk BOCES Facilities Office	3	<p><u>Exceed EPA 20ppb AL</u> None</p> <p><u>Exceed DOH 15ppb AL</u> None</p>
Western Suffolk BOCES Receiving Building	2	<p><u>Exceed EPA 20ppb AL</u> None</p> <p><u>Exceed DOH 15ppb AL</u> None</p>
JEA Alternative Program	24	<p><u>Exceed EPA 20ppb AL</u> Map location 6: Faucet/ fountain in classroom 112 Map location 10: Fountain in hallway by room 108</p> <p><u>Exceed DOH 15ppb AL</u> None</p>
James E. Allen Elementary School	33	<p><u>Exceed EPA 20ppb AL</u> Map location 6: Fountain in hallway by classroom 312 Map location 11: Faucet in reception office Map location 15: Faucet in classroom 409 Map location 31: Fountain in hallway by nurse's office Map location 32: Faucet in gym office</p> <p><u>Exceed DOH 15ppb AL</u> Map location 2: Faucet/ fountain in teacher computer center Map location 29: Sink in nurse's office</p>

James E. Allen Jr/ Sr High School	18	<p><u>Exceed EPA 20ppb AL</u> Map location 14: Fountain in hallway by room 529 Map location 15: Fountain in hallway by the stage Map location 16: Fountain in hallway by room 520</p> <p><u>Exceed DOH 15ppb AL</u> Map location 11: Faucet ion nurse's office Map location 13: Fountain in hallway by room 540</p>
Wilson Tech Dix Hills Building A	17	<p><u>Exceed EPA 20ppb AL</u> Map location 16: Faucet in kitchen in room 106 Map location 17: Faucet in faculty room 107</p> <p><u>Exceed DOH 15ppb AL</u> None</p>
Wilson Tech Dix Hills Building B	14	<p><u>Exceed EPA 20ppb AL</u> Map location 13: Faucet in classroom B2 kitchen</p> <p><u>Exceed DOH 15ppb AL</u> None</p>
Wilson Tech Dix Hills Building C	11	<p><u>Exceed EPA 20ppb AL</u> None</p> <p><u>Exceed DOH 15ppb AL</u> None</p>
Wilson Tech Dix Hills Building D	6	<p><u>Exceed EPA 20ppb AL</u> None</p> <p><u>Exceed DOH 15ppb AL</u> Map location 2: Water cooler in carpentry office</p>
Wilson Tech Dix Hills Building E	4	<p><u>Exceed EPA 20ppb AL</u> None</p> <p><u>Exceed DOH 15ppb AL</u> None</p>

Wilson Tech- Northport Campus	11	<p><u>Exceed EPA 20ppb AL</u> None</p> <p><u>Exceed DOH 15ppb AL</u> None</p>
Wilson Tech- Huntington Campus	17	<p><u>Exceed EPA 20ppb AL</u> Map location 12: Faucet in health aide class</p> <p><u>Exceed DOH 15ppb AL</u> None</p>
Wilson Tech- Aviation Facility	4	<p><u>Exceed EPA 20ppb AL</u> None</p> <p><u>Exceed DOH 15ppb AL</u> None</p>