

J.C. Broderick & Associates, Inc.

Environmental/Construction Consulting & Testing

September 28, 2016

Mr. John LaBare
Uniondale Union Free School District
Buildings & Grounds
933 Goodrich Street
Uniondale, New York 11553-2499

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

JCB#: 16-34374

Dear Mr. LaBare:

J. C. Broderick & Associates, Inc. (JCB) was retained by the Uniondale 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 two hundred sixty-nine (269) outlets and lead was detected above the EPA action level at only seventeen (17) of these locations and above the new DOH action level at an additional four (4) 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.

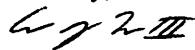
It should be noted that both interim and permanent remediation and retesting efforts have already begun on many of these outlets. When retesting results reveal satisfaction of both the Federal guidelines and State regulation the outlets will be returned to service. When all testing and remediation activities 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.

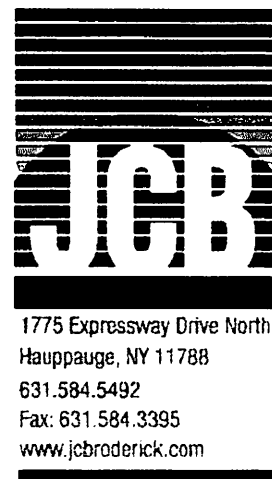
Please note that the referenced DOH regulation is an emergency regulation, as such; revisions, amendments and/or technical interpretations are expected. These updates may require additional sampling, notifications and/or other requirements. We will monitor the DOH's progress of the regulation and advise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

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

Sincerely,



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



Attachment No 1 Uniondale Union Free School District JCB#16-34374		
School Building	Drinking Water Outlets Sampled	Locations which Exceed EPA and/or DOH Action Levels
Uniondale High School	50	<u>Exceed EPA 20ppb AL</u> None <u>Exceed DOH 15ppb AL</u> Map location 12: Water cooler in faculty lounge 223 (16/)
Lawrence Road Middle School	30	<u>Exceed EPA 20ppb AL</u> None <u>Exceed DOH 15ppb AL</u> None
Turtle Hook Middle School	15	<u>Exceed EPA 20ppb AL</u> None <u>Exceed DOH 15ppb AL</u> None
California Avenue School	30	<u>Exceed EPA 20ppb AL</u> Map location 8: Fountain in classroom 22 (24.9/ 7.14) Map location 18: Fountain in gym storage 6 (307/ 59.9) Map location 22: Faucet in classroom 11 (20.1/ 3.44) Map location 23: Faucet in classroom 12 (160/ 17.0) Ma location 29: Faucet in science room B6 (22.4/ 12.7) <u>Exceed DOH 15ppb AL</u> Map location 28: Fountain in hallway by room off boiler room (18.1/ 10.3)
Cornelius Court School	13	<u>Exceed EPA 20ppb AL</u> Map location 5: Fountain in classroom 10 (26.5/ 17.9) Map location 10: Faucet in room 19 office (79.8/ ND) <u>Exceed DOH 15ppb AL</u> Map location 6: Fountain in hallway by classroom 10 (16.5/ 7.69)
Grand Avenue School	26	<u>Exceed EPA 20ppb AL</u> Map location 11: Classroom faucet in classroom 1026 (39.3/ 1.71) Map location 18: Classroom faucet in classroom 3 (22.5/2.48)

**Attachment No 1
 Uniondale Union Free School District
 JCB#16-34374**

School Building	Drinking Water Outlets Sampled	Locations which Exceed EPA and/or DOH Action Levels
Northern Parkway Elementary	35	<u>Exceed EPA 20ppb AL</u> None <u>Exceed DOH 15ppb AL</u> None
Smith Street School	27	<u>Exceed EPA 20ppb AL</u> Map location 9: Fountain in classroom 10 (67.3/ 21.6) Map location 18: Fountain in gym music room (128/ Map location 22: Fountain in classroom 17 (55.1/ 101) <u>Exceed DOH 15ppb AL</u> Map location 13: Faucet/ fountain in classroom 5 (18.7/ 3.27)
Walnut Street School	43	<u>Exceed EPA 20ppb AL</u> Map location 8: Faucet in office 122a (26/ 3) Map location 18: Fountain in classroom 212 (108/ 18) Map location 26: Fountain in library (42/ 20) Map location 28: Fountain in computer room (24/ 8) Map location 43 Fountain in classroom 113 (21/ 5)