



HUB TESTING LABORATORY, INC.

Environmental Testing and Consulting Service
Certified Woman-owned Business Enterprise (WBE)

May 17, 2016

95 Beaver Street
Waltham, MA 02453

Report For: City of Somerville-DPW
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Superintendent of Buildings & Grounds
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Hub ID: 26208

Project ID: Somerville High School
81 Highland Ave

Date Collected: May 13, 2016

Scope: Thirty-four (34) samples of water were collected by Hub Testing Laboratory at the above noted project addresses. It was requested that the samples be analyzed for lead and copper. The samples were collected from kitchen sinks and water fountains through the school. Sinks and fountains were flushed the previous evening and sampled as a first draw sample in the morning before being occupied.

Methodology: Copper was analyzed using EPA 200.7. Lead was analyzed using SM 3113B.

Results:

Hub ID	Location	Lead (mg/L)	Copper (mg/L)	Standard/Limit
26208-H1	1st Floor, Room 114, low fountain	0.006	0.095	Copper – 1.3 mg/L Lead - 0.015 mg/L
26208-H2	1st Floor, Room 114, high fountain In-operational	---	---	
26208-H3	1st Floor, Kitchen, vegetable sink 1	0.004	0.081	
26208-H4	1st Floor, Kitchen, vegetable sink 2	0.003	0.070	
26208-H5	1st Floor, Kitchen, vegetable sink 3	0.004	0.073	
26208-H6	1st Floor, Room 140, high fountain	0.004	0.11	
26208-H7	1st Floor, Room 140, low fountain	0.011	0.11	
26208-H8	Girls locker room, high fountain	0.001	0.15	
	Girls locker room, low fountain – In-operational	---	---	
26208-H9	1st Floor, Boy’s locker room, low fountain	0.001	0.24	
26208-H10	1st Floor, Boy’s locker room, high fountain	ND	0.042	
26208-H11	1st Floor, Gym	ND	0.12	
26208-H12	1st Floor, Room 197 Culinary arts, Kitchen 2, Sink 1	0.004	0.10	
26208-H13	1st Floor, Room 197 Culinary arts, Kitchen 2, Sink 2	0.003	0.097	
26208-H14	1st Floor, Room 197 Culinary arts, Kitchen 2, Sink 3	0.004	0.090	
26208-H15	1st Floor, Room 197 Culinary arts, Kitchen 2, Sink 4	0.004	0.14	
26208-H16	2 nd Floor, next to Health Care	0.029	0.13	

Results continued:

Hub ID	Location	Lead (mg/L)	Copper (mg/L)	Standard/Limit
26208-H17	2 nd Floor, Room 259A, English Department office, high fountain	0.002	0.11	Copper – 1.3 mg/L Lead - 0.015 mg/L
26208-H18	2 nd Floor, Room 259A, English Department office, low fountain	0.001	0.092	
26208-H19	2 nd Floor, Main office low	ND	0.11	
	2 nd Floor, Main office high fountain – In operational	---	---	
26208-H20	2 nd Floor, In front of Room 207, high fountain	0.001	0.079	
26208-H21	2 nd Floor, In front of Room 207, low fountain	0.002	0.074	
26208-H22	3 rd Floor, In front of Room 359A, high fountain	0.004	0.14	
26208-H23	3 rd Floor, In front of Room 359A, low fountain	0.002	0.11	
26208-H24	3 rd Floor, Near Room 314, low fountain	0.010	0.10	
26208-H25	3 rd Floor, Near Room 314, high fountain	0.004	0.098	
26208-H26	3 rd Floor, Near Room 325, high fountain	0.011	0.13	
26208-H27	3 rd Floor, Near Room 325, low fountain	0.002	0.11	
26208-H28	4 th Floor, In front of Room 459, Language lab, high fountain	0.010	0.14	
26208-H29	4 th Floor, In front of Room 459, Language lab, low fountain	0.014	0.14	
26208-H30	4 th Floor, Near Room 425, low fountain	0.004	0.11	
	4 th Floor, Near Room 425, high fountain – In operational			
26208-H31	4 th Floor, In front of Room 403, high fountain	0.001	0.14	
26208-H32	4 th Floor, In front of Room 403, low fountain	0.003	0.13	
26208-H33	1 st Floor, Kitchen, Front, low fountain	ND	0.13	
	1 st Floor, Kitchen, Front, high fountain – In operational	---	---	
26208-H34	1 st Floor, Outside of Health Office, low fountain	0.008	0.11	
26208-H35	1 st Floor, Outside of Health Office, high fountain	0.004	0.12	

Lab Certification #: MA1118

ND – None Detected

MCL – Maximum Contaminant Level established by the EPA – it is the maximum permissible level of a contaminant in water that is delivered to any consumer of a public water system.

Comments: The MCL for Lead in drinking water is 0.015mg/L and the MCL from Copper is 1.3 mg/L. The results for lead were found to be above the standard in the sample collected on the 2nd Floor, next to Health Care. All of the samples remaining submitted are below the acceptable recommended measurements for primary characteristics for drinking water as proposed by the Environmental Protection Agency and/or Massachusetts Drinking Water Standards.



Susan Boyle, President
Hub Testing Laboratory