



Boston Public Schools

**UPDATE ON
DRINKING WATER
ACCESS**

February 28, 2018

AGENDA

- Access to Drinking Water
- Update on Progress
- Looking Forward

BPS PROVIDES SAFE AND CLEAN
DRINKING WATER AT
ALL OUR SCHOOLS



ACCESS TO DRINKING WATER

The health and safety of the entire BPS community, especially students, is our priority.

By law, all students must have access to water during meals and throughout the school day, at no cost. BPS provides safe and clean drinking water at all our schools. |

ACCESS TO DRINKING WATER

BPS adheres to the BPS Water Policy, passed June 2016 by the BPS School Committee and available at bostonpublicschools.org/water, for water access, testing, activation, deactivation, education, and communication.

BPS has voluntarily adopted MassDEP's goals for drinking water and testing.

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UPDATE ON PROGRESS SINCE
BPS SCHOOL COMMITTEE
PASSED THE BPS WATER POLICY





BRIGHT SPOTS SINCE POLICY ADOPTION

- Collaborative Efforts & Expertise
- 11 New Schools Online
- Distribution of Reusable Water Bottles
- New Drinking Water Infrastructure

BPS WATER TEAM

- Facilities Management
 - Building Services
 - Planning & Engineering
 - Environmental Division
 - Plumbing Division
 - Sustainability and Environmental Resources
- Department of Health and Wellness
- Food and Nutrition Services
- Communications

External Collaborators, Next Slide

EXTERNAL COLLABORATORS

- Boston Water and Sewer Commission
- Massachusetts Department of Environment
- U.S. EPA Region I
- Boston Medical Center
- Boston Public Health Commission
- EnviroTrac Consulting

NEW SCHOOLS ONLINE



1. Another Course to College
2. Boston Green Academy
3. Boston Latin School
4. Edward M. Kennedy Academy For Health Careers
5. Joseph P. Manning Elementary
6. Lee Elementary School
7. Mather Elementary
8. Mattapan Early Elementary School
9. Quincy Elementary School
10. Sarah Greenwood K-8 School
11. Winship Elementary School

NEW DRINKING WATER INFRASTRUCTURE

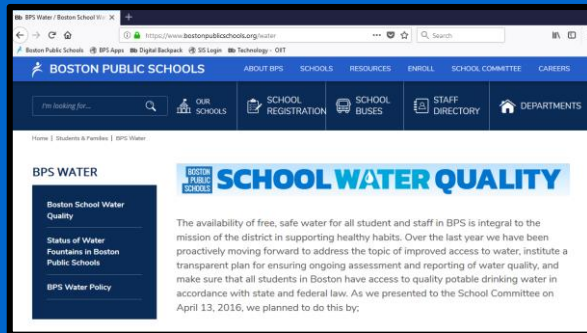


- New water fountains and bottle refill stations
- New external filter boxes
- New filters
- Replacement of post-filter copper plumbing lines with PVC plumbing lines

BRIGHT SPOTS SINCE POLICY ADOPTION

(continued)

- Annual Testing
- Cleaning of Bottled Water Coolers
- Drinking Water Inventory & Assessment
- Updated Communications Strategies



ANNUAL TESTING, NEW ASSESSMENT, and UPDATED COMMUNICATIONS

Actions taken by Facilities Management:

- 2017 Annual Testing and posting of all test results at bostonpublicschools.org/water
- Assessment of all schools' drinking water infrastructure, including bottled water coolers
- Assessment and update of all communications materials and procedures
- Cleaning of schools' bottled water coolers
- Tracking and maintenance of all new plumbing infrastructure

Wingship Elementary School - Activation Timeline
MassDEP Lead Action Level = 15 µg/L
MassDEP Copper Action Level = 1,300 µg/L

School / Building	Building AHERA Code	Sample ID	Spring 2016 Sample ID	Lead and Copper Concentrations in micrograms per liter (µg/L)								Remediation Action
				11/27/2017			11/26/2017 (3 pm)		11/26/2017 (8 am)			
				Lead	Copper	Ceiling	Lead	Copper	Lead	Copper	Lead	
Wingship BLDG	LVES	WF-1	WF-1a	<0.50	2.2	Absent	<0.50	1.8	<0.50	2.3	Elkay external filter kit installed	
			WF-1b	<0.50	3.8	Absent	<0.50	4.5	<0.50	5.2		
		WF-2	WF-2a	<0.50	3.8	Absent	<0.50	4.5	<0.50	5.2	Elkay external filter kit installed	
			WF-2b	<0.50	5	Absent	<0.50	5.4	<0.50	4.2		
		WF-3	WF-3a	<0.50	4.4	Absent	<0.50	5.6	<0.50	4.8	Elkay external filter kit installed	
			WF-3b	<0.50	4.4	Absent	<0.50	5.6	<0.50	4.8		
		WF-4	WF-4a	<0.50	1.2	Absent	<0.50	2	<0.50	1.2	Elkay external filter kit installed	
			WF-4b	<0.50	2.1	Absent	<0.50	2.2	<0.50	<0.50		
		WF-5	WF-5a	<0.50	2.5	Absent	<0.50	2.8	<0.50	2.3	Elkay external filter kit installed	
			WF-5b	<0.50	2.5	Absent	<0.50	2.8	<0.50	2.3		
		WF-6	WF-6a	<0.50	2.1	Absent	<0.50	2.2	<0.50	<0.50	Elkay external filter kit installed	
			WF-6b	<0.50	2.1	Absent	<0.50	2.2	<0.50	<0.50		
		WF-7	WF-7a	<0.50	2.5	Absent	<0.50	2.8	<0.50	2.3	Elkay external filter kit installed	
			WF-7b	<0.50	2.5	Absent	<0.50	2.8	<0.50	2.3		
		WF-8	WF-8a	<0.50	6	Absent	<0.50	3.6	<0.50	3.6	Elkay external filter kit installed	
			WF-8b	<0.50	6	Absent	<0.50	3.6	<0.50	3.6		

Legend
WF = Water Fountain
F = Faucet
DNS = Did not sample

-- = Not Applicable
µg/L = micrograms per liter
<0.50 = below method detection limit of 0.50 µg/L
0.04 = below action level of 15 µg/L for lead or 1,300 µg/L for copper

LOOKING FORWARD



- Annual water testing in June 2018
- Continue to bring schools online
- In development with Acuity: Digitized “Drinking Water Inventory for Maintenance, Operations, and Test Results”
- Future Capital Planning in alignment with BuildBPS long-term planning process

QUESTIONS?

