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Building Commissioner

# CITY OF NEWTON, MASSACHUSETTS

## PUBLIC BUILDINGS DEPARTMENT

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Re: School HVAC Project Update

Newton Public Schools spent the summer making sure the HVAC systems in the school buildings were all operable, clean, and functional. At the request of the superintendent in September, the City of Newton Public Buildings Department was asked to help Newton Public Schools perform a targeted and aggressive service and maintenance initiative of all ventilation equipment throughout the district with a focus on maximizing air flow and fresh air introduction capacity.

**Over the past two weeks**, the City of Newton and Newton Public Schools have completed the following steps to address the ventilation systems in our school facilities:

1. Contacted more than 100 HVAC service contractors in the northeast.
2. Submitted and received an emergency procurement waiver from DCAMM.
3. Created contracts with more than 20 of those contractors.
4. Substantially completed the service and maintenance of ventilation equipment at Franklin, Ward, Underwood, NECP, Lincoln-Eliot, Peirce, and Burr.
5. Started the service and maintenance of the ventilation equipment at Mason-Rice, Countryside, Oak Hill, Brown, Horace Mann, Newton South, and spaces at the Education Center which house student educational programs and services.
6. Completed the service and maintenance of all exhaust fans at Williams, Peirce, Oak Hill, and Burr. This work will continue daily until every exhaust fan at every school is complete.
7. Crowley Engineering has completed their existing conditions walkthrough and review of Burr, Lincoln-Eliot, Franklin, and Horace Mann.

**Over the next week**, the following will occur:

1. On Saturday, 10/3 and Sunday, 10/4, contractors will begin the ventilation service and maintenance work at Memorial Spaulding, and will continue the ventilation service and maintenance at Countryside, Mason Rice, Oak Hill, Brown, Horace Mann, Newton South, and spaces at the Education Center which house student educational programs and services.
2. On Monday, 10/5, three separate contractors will start the ventilation service and maintenance work at F.A. Day, Bigelow, Bowen, and Williams.
3. On 10/7, another contractor will begin work at Newton North, Angier, Zervas, and Cabot.
4. Multiple air flow testing and balancing firms will be performing testing and balancing throughout the district.

Under the direction of Crowley Engineering the air flow testing and balancing firms will confirm air flow rates and fresh air introduction are in line with applicable codes, and these reports will be made public as they become available. Contractors have been documenting all work performed in detail, with the aid of a 62-point unit ventilator service and maintenance checklist. All data will also be made available as it comes in. To complete this work, every school in the district has an assigned City and/or School project manager, and we are in direct contact with the principals and custodians. As the existing conditions reports from Crowley Engineering become available, these will also be made public and will be a valuable resource now and in the future.

Below is a tentative schedule from Crowley Engineering for their existing conditions site visits, analysis, and reports. Additionally, their schedule shows the project schedule for the air flow testing and balancing firms. This work will also occur 7 days per week, and this schedule will accelerate as three additional air flow testing and balancing firms are being onboarded today.

Our efforts over the past two weeks have shown promising and noticeable results thus far, and we look forward to having Crowley Engineering and the independent air testing and balancing firms confirm the success of this project.

School	Oct 1-2	Oct 5-9	Oct 13-16	Oct 19-23	Oct 26-30	Nov 2-6	Nov 9-13	Nov 16-20
<b>Angler School</b>								
Engineer's Evaluation		█						
Testing & Balancing			█					
Corrective Work (if required)								
<b>Bowen School</b>								
Engineer's Evaluation		█						
Testing & Balancing			█					
Corrective Work (if required)								
<b>Burr School</b>								
Engineer's Evaluation	█							
Testing & Balancing		█						
Corrective Work (if required)								
<b>Cabot School</b>								
Engineer's Evaluation		█						
Testing & Balancing			█					
Corrective Work (if required)								
<b>Horace Mann School (aka Carr)</b>								
Engineer's Evaluation		█						
Testing & Balancing			█					
Corrective Work (if required)								
<b>Countryside School</b>								
Engineer's Evaluation				█				
Testing & Balancing					█			
Corrective Work (if required)								
<b>Franklin School</b>								
Engineer's Evaluation	█							
Testing & Balancing			█					
Corrective Work (if required)								
<b>Lincoln-Eliot School</b>								
Engineer's Evaluation	█							
Testing & Balancing			█					
Corrective Work (if required)								
<b>NECP</b>								
Engineer's Evaluation		█						
Testing & Balancing			█					
Corrective Work (if required)								
<b>Newton Early Education</b>								
Engineer's Evaluation		█						
Testing & Balancing			█					
Corrective Work (if required)								
<b>Pierce School</b>								
Engineer's Evaluation			█					
Testing & Balancing				█				
Corrective Work (if required)								
<b>Memorial Spaulding School</b>								
Engineer's Evaluation			█					
Testing & Balancing					█			
Corrective Work (if required)								
<b>Mason Rice School</b>								
Engineer's Evaluation				█				
Testing & Balancing					█			
Corrective Work (if required)								
<b>Underwood School</b>								
Engineer's Evaluation				█				
Testing & Balancing					█			
Corrective Work (if required)								
<b>Ward School</b>								
Engineer's Evaluation				█				
Testing & Balancing					█			
Corrective Work (if required)								
<b>Williams School</b>								
Engineer's Evaluation				█				
Testing & Balancing					█			
Corrective Work (if required)								
<b>Zervas School</b>								
Engineer's Evaluation					█			
Testing & Balancing						█		
Corrective Work (if required)								
<b>Bigelow Middle School</b>								
Engineer's Evaluation				█				
Testing & Balancing					█			
Corrective Work (if required)								
<b>Brown Middle School</b>								
Engineer's Evaluation					█			
Testing & Balancing						█		
Corrective Work (if required)								
<b>Day Middle School</b>								
Engineer's Evaluation					█			
Testing & Balancing						█		
Corrective Work (if required)								
<b>Oak Hill Middle School</b>								
Engineer's Evaluation						█		
Testing & Balancing							█	
Corrective Work (if required)								
<b>Education Center</b>								
Engineer's Evaluation								█
Testing & Balancing								█
Corrective Work (if required)								
<b>Newton North High School</b>								
Engineer's Evaluation						█		
Testing & Balancing							█	
Corrective Work (if required)								
<b>Newton South High School</b>								
Engineer's Evaluation						█		
Testing & Balancing							█	
Corrective Work (if required)								

The above efforts have been a coordinated effort of over a thousand City, School, and contractual employees. In addition to the efforts of Crowley Engineering, I would like to thank the following contractors for their assistance on this initiative:

**HVAC Contractors**

Aalanco  
Air Duct Services  
Associated Mechanical Services  
Cooling & Heating Specialist  
Cox Engineering Service Co.  
Fraser Engineering  
General Air Conditioning & Heating, Inc.  
Harold Brothers  
J.M. Service Company, LLC  
Mighty Duct  
Murphy Specialty  
NB Kenney Company  
Boston Mechanical Services  
Patrick J. Kennedy & Sons Inc  
PJ Dionne Corp  
SS Service Corp  
Trane U.S. Inc.  
William F Lynch Co., Inc.  
Premier Mechanical, LLC  
Bay State Air  
Harry Grodsky & Company  
Corporate Mechanical  
Enterprise Equipment  
R.P. O'Connell, Inc

**Air Flow Testing and Balancing Firms**

E.L. Barret  
Tekon Technical Consultants  
Leonardt  
ATAB  
Thomas Young

Lastly, we would like to thank the principals, teachers, and custodians as they have all been extremely supportive and accommodating of our efforts.

Sincerely,



Josh Morse  
Public Buildings Commissioner