

**ADDRESSING THE PROBLEMS  
IN PHILLY'S SCHOOL  
BUILDINGS**

PFT Health & Welfare Fund  
Philly Healthy Schools Initiative

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**IMPACT OF POOR BUILDING CONDITIONS ON  
PUBLIC SCHOOLS**

Illness & Absenteeism  
Loss of Educational Spaces & Instructional Time  
Loss of Books & Materials  
School Climate & Morale Compromised  
Hiring & Retention Problems  
Loss of Public Trust & Confidence

LIBRARY CLOSED  
FOR REPAIRS  
NO ENTRY!!!



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**ENVIRONMENTAL HAZARDS IN  
PHILLY SCHOOLS**

Asbestos, Lead, Mold & Pest Rodent Exposures  
Lack of Adequate Heating & Cooling  
Generally Dirty Conditions



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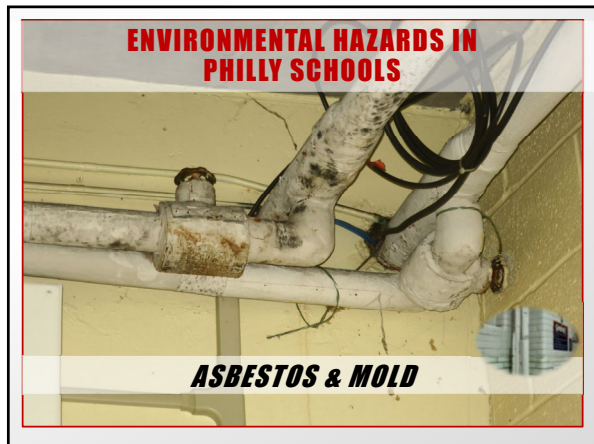
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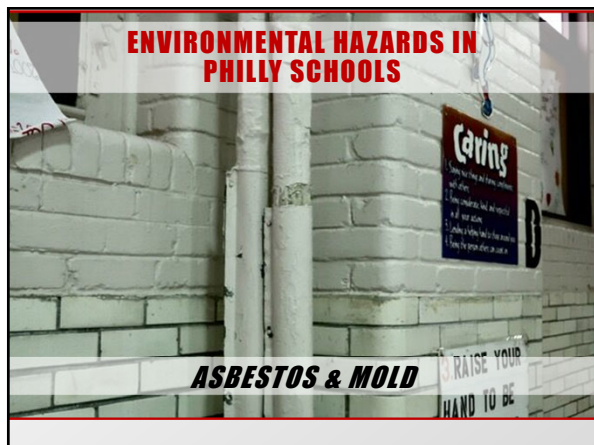
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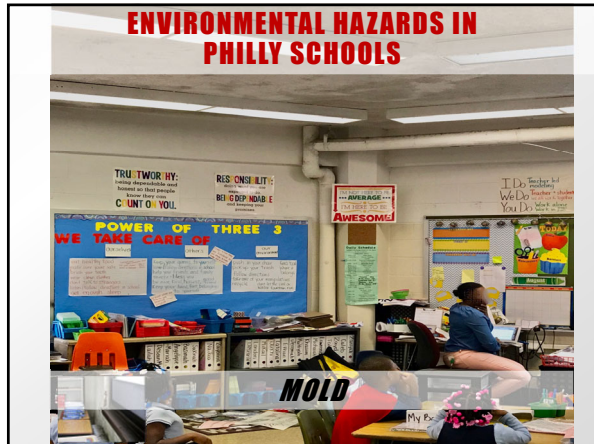
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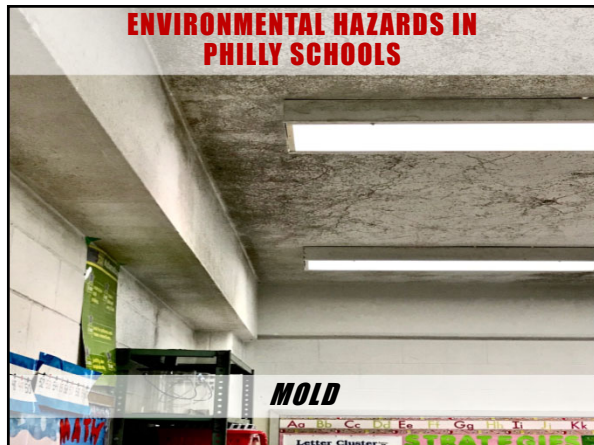
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**ENVIRONMENTAL HAZARDS IN PHILLY SCHOOLS**

Preventive Responsive Maintenance at OEC in the Summer of 2018 Would Have Saved Tens of Thousands of \$\$\$ - Mold Remediation + Loss of Educational Spaces




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**ENVIRONMENTAL HAZARDS IN PHILLY SCHOOLS – MOLD @ MARIN**

Preventive Responsive Maintenance at Munoz-Marin in the Summer of 2017 Would Have Saved Tens of Thousands of \$\$\$ - Mold Remediation + Loss of Educational Spaces




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**ENVIRONMENTAL HAZARDS IN PHILLY SCHOOLS – MOLD @ MARIN**

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### ENVIRONMENTAL HAZARDS IN PHILLY SCHOOLS – MOLD @ MARIN

Preventive Responsive Maintenance at Munoz-Marin in the Summer of 2017 Would Have Saved Tens of Thousands of \$\$s - Mold Remediation + Loss of Educational Spaces



321 - Ms. [Name]

313 - Ms. [Name]

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### CAUSES OF ENVIRONMENTAL HAZARDS IN PHILLY SCHOOLS

**Poorly Managed Construction Projects**

**Moisture/Leaks –**  
Plumbing; Roofing;  
Exterior Bldg.  
Envelope, Heating,  
Steam, Ventilation,  
AC Systems

**Inadequate Thermal Control Systems, Operation & Conditions**

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## RECOMMENDATIONS




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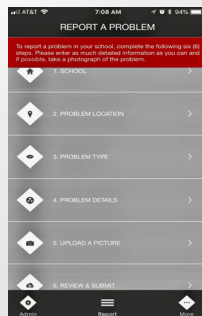
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## PFT HEALTHY SCHOOLS TRACKER APP




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### MOBILE APP PICTURE




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### GENERAL RECOMMENDATIONS: A FRAMEWORK

**Address Urgent/Critical Health, Safety & Environmental Hazards**

**Develop Best Practice Standards for Asbestos, Lead & Mold**

**Develop Cleaning Standards & Upgrade Cleaning District-Wide**

**Develop & Implement Best Practice for Preventive & Predictive Maintenance [PM]**

**Ensure Adequate & Effective Thermal Control & Heating, Ventilation & Air Conditioning [HVAC]**

**Pilot Project Development – Cleaning & PM Focused**

**Improved Stakeholder Participation in Planning, Priority Setting & Decision-Making**

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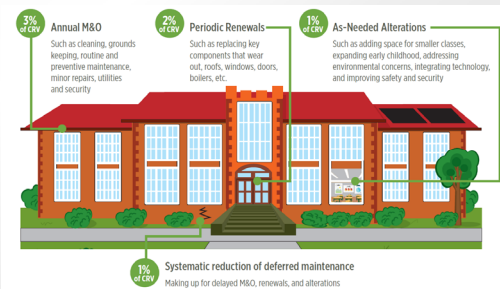
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### RECOMMENDATIONS FACILITIES




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### PROPOSED SOLUTION APPROACHES

Break Down Data, Information & Operational Silos & Implement Cross-Functional Project Management

Account for Consequential, Complicating & Synergistic Impacts & ID Specific PM Methods that Work

Catalog & Use/Export Successes & Failures – In House & Nationwide to Create Lessons Learned & Actions

Implement Effective Early Warning System [EWS] Efforts – Better & Quicker Prioritization & Response

Develop and Use A Rapid Response Team [RRT] & Pilot Project Approaches – Cleaning & PM Focused

Upgrade Operations Department School Level Knowledge & Improve Training, Education and Information

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### OUR ASKS OF CITY COUNCIL

Work with Public Stakeholders including School Unions, Parent & Advocacy Groups to Pass Environmental Condition Legislation

Hold Hearings to Ensure Environmental Hazards & Related Indoor Building Condition Topics Are Fully Addressed

Support & Facilitate Direct, Near-Direct & Expert Stakeholder Participation

Ensure the District Conducts Ongoing Review & Updates & Moves Aggressively to Address Environmental Hazards & Related Indoor Building Condition Deficiencies

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