Fairmount Water Works 1830s
City’s Drinking Water Supply
Teacher Fellowship Curriculum Program
Middle Years Curriculum
supported by the William Penn Foundation
2014-2017
Fairmount Water Works 2016: Watershed Education Center
Philadelphia Water
Fairmount Water Works

Green City, Clean Waters -- 25 Year Plan
• June 1, 2011 Consent Order and Agreement with PA DEP
• April 10, 2012 Signed a partnership agreement with EPA

Schools present a great opportunity for transformation—bigger systems and stormwater credit is appealing to the SDP

Classroom to schoolyard connection is curriculum opportunity
Watershed as an integrated context for learning
Discover...Connect...Act

Philadelphia Water
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School District of Philadelphia
Green Schoolyard Projects

Completed Projects to Date

Public Schools: Penn Alexander, Greenfield, William Dick, William Cramp, Lea, George W. Nebinger
Charter Schools: Independence Charter, Wissahickon Charter
Private schools: Green Street Friends

20 Projects in Development
William Dick
Lea School
Nebinger School
Classroom to Schoolyard Connection

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Nebinger School
Formal Classroom Learning

Understanding the Urban Watershed Curriculum
Fairmount Water Works
Teacher Fellowship Curriculum Program
Middle Years Curriculum
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2014-2017

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Teacher Experiential and place-based
Real world data
Common core and NGSS Standards
Engaging STEaM opportunities

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Classroom to Schoolyard Connection

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paddling on the water...

...taking field samples

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