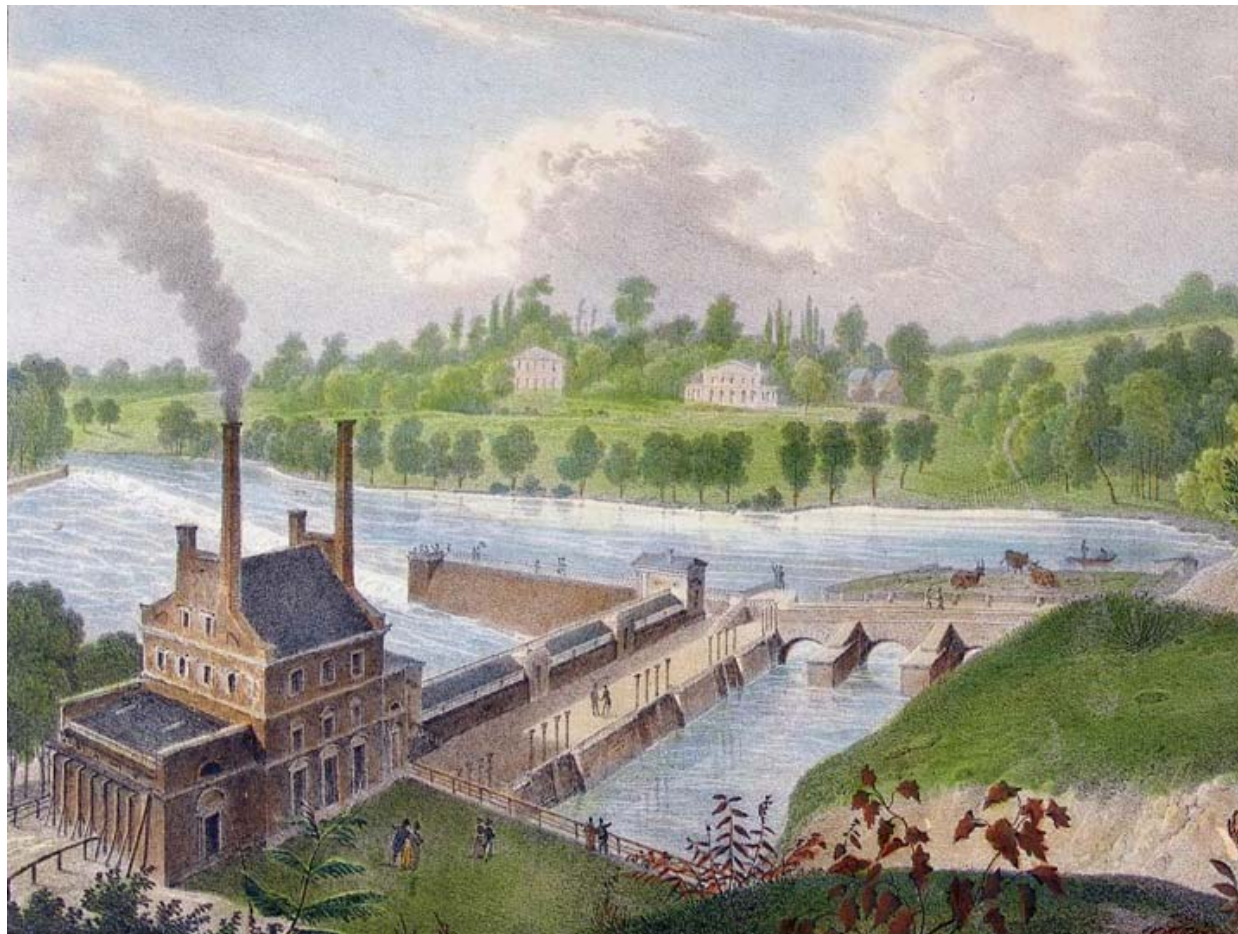


Fairmount Water Works 1830s City's Drinking Water Supply



Philadelphia Water

FAIRMOUNT WATER WORKS

**Teacher Fellowship Curriculum Program
Middle Years Curriculum
supported by the William Penn Foundation
2014-2017**



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Fairmount Water Works 2016: Watershed Education Center



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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



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PWD CAPITAL PROJECT

PWD Designs & Constructs

Numerous sites under development

SDP CAPITAL PROJECT

PWD Grants \$ to SDP to Design & Construct

SDP's 1st Stormwater Management Incentive Program Grant, for three Schools

3rd PARTY PROJECT

PWD Grants to 3rd Party implementers to Design & Construct

The Trust for Public Land
West Philadelphia Coalition for Neighborhood Schools
Drexel

School District of Philadelphia Green Schoolyard Projects

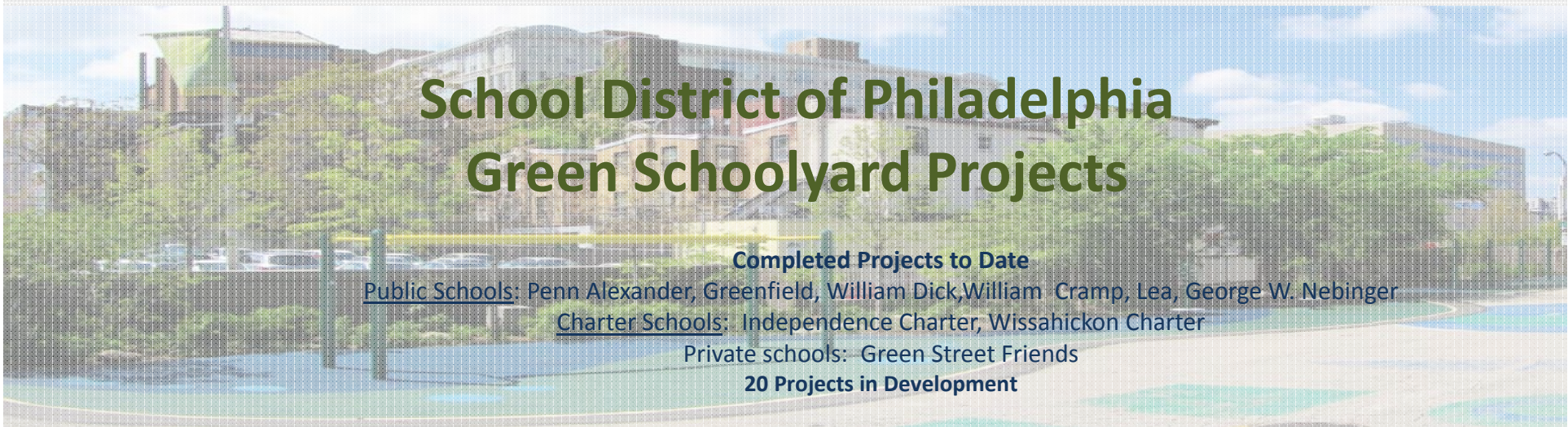
Completed Projects to Date

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



William Dick



Lea School

Philadelphia Water
GREEN SCHOOLS



Photo Credit: Greening Lea

Lea School

Philadelphia Water
GREEN SCHOOLS



Photo Credit: Greening Lea

Nebinger School

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GREEN SCHOOLS



Classroom to Schoolyard Connection



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Nebinger School



Formal Classroom Learning

An aerial photograph of a city skyline, likely Philadelphia, viewed from a high vantage point. The foreground is dominated by a dense green forest. A wide river flows through the middle ground, with a large, multi-arched stone bridge crossing it. The city skyline, featuring various skyscrapers and buildings, is visible in the background under a cloudy sky. A small, white, spherical object is visible in the upper right portion of the sky.

Understanding the Urban Watershed Curriculum
Fairmount Water Works

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



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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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*For further information, contact
Ellen Schultz, Associate Director of Education
Fairmount Water Works/Philadelphia Water
Ellen.Schultz@phila.gov
and
Dottie Baumgarten
dottiebaumgarten@gmail.com*