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

PWD CAPITAL PROJECT

PWD Designs & Constructs

- Numerous sites under development

SDP CAPITAL PROJECT

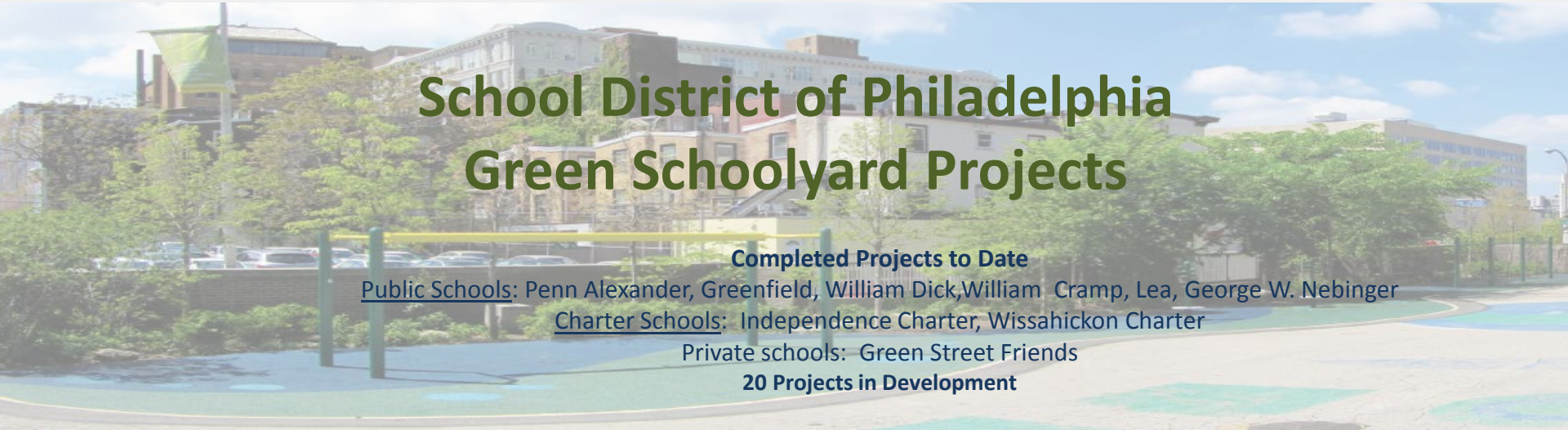
PWD Grants $ to SDP to Design & Construct

- 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

Philadelphia Water
GREEN SCHOOLS

William Dick

Philadelphia Water
GREEN SCHOOLS

Lea School

Philadelphia Water
GREEN SCHOOLS

Lea School

Photo Credit: Greening Lea

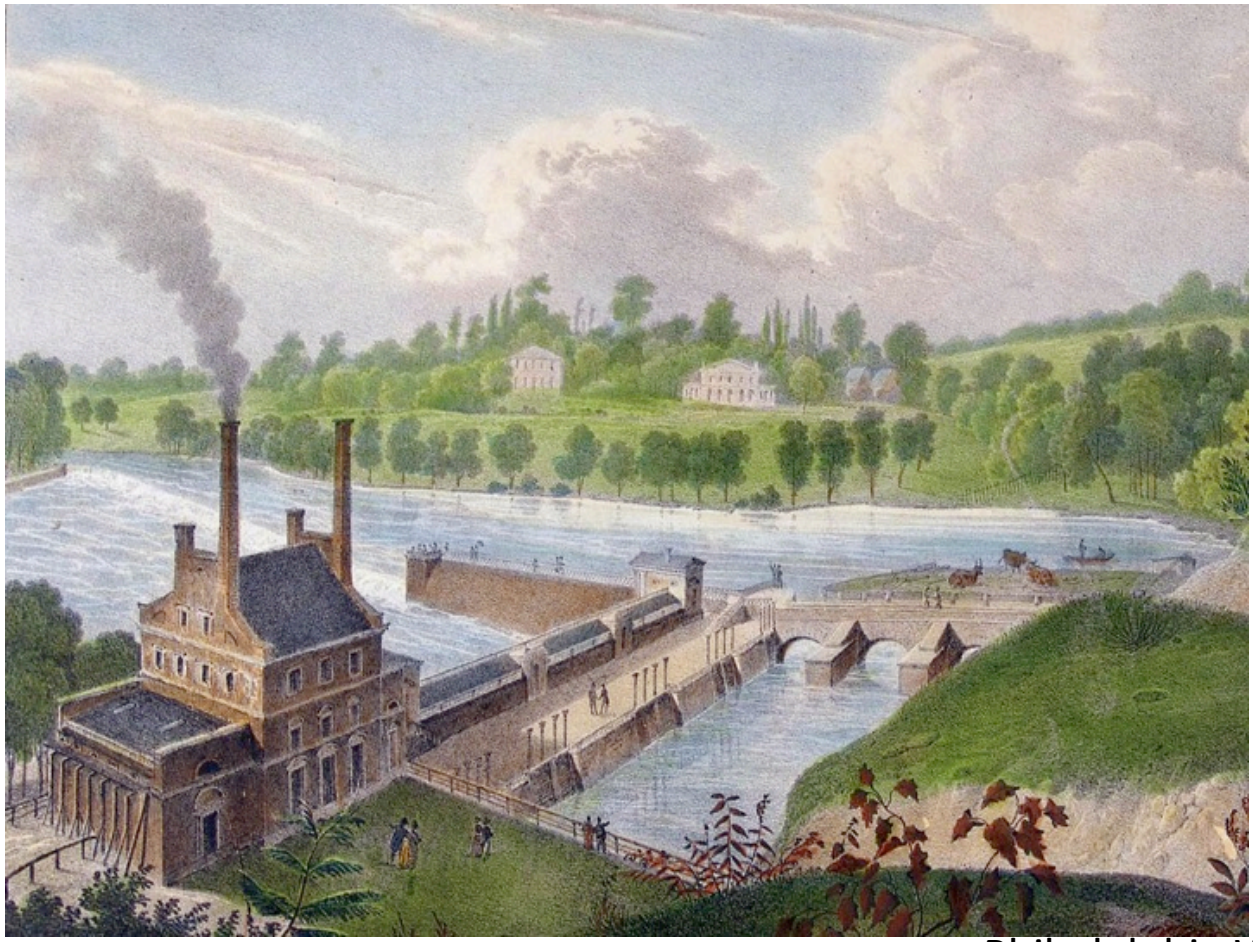
Philadelphia Water
GREEN SCHOOLS

Nebinger School

Philadelphia Water
GREEN SCHOOLS

Nebinger School

Fairmount Water Works 1830s
City's Drinking Water Supply



Philadelphia Water

FAIRMOUNT WATER WORKS

Fairmount Water Works 2015: Watershed Education Center

Philadelphia Water

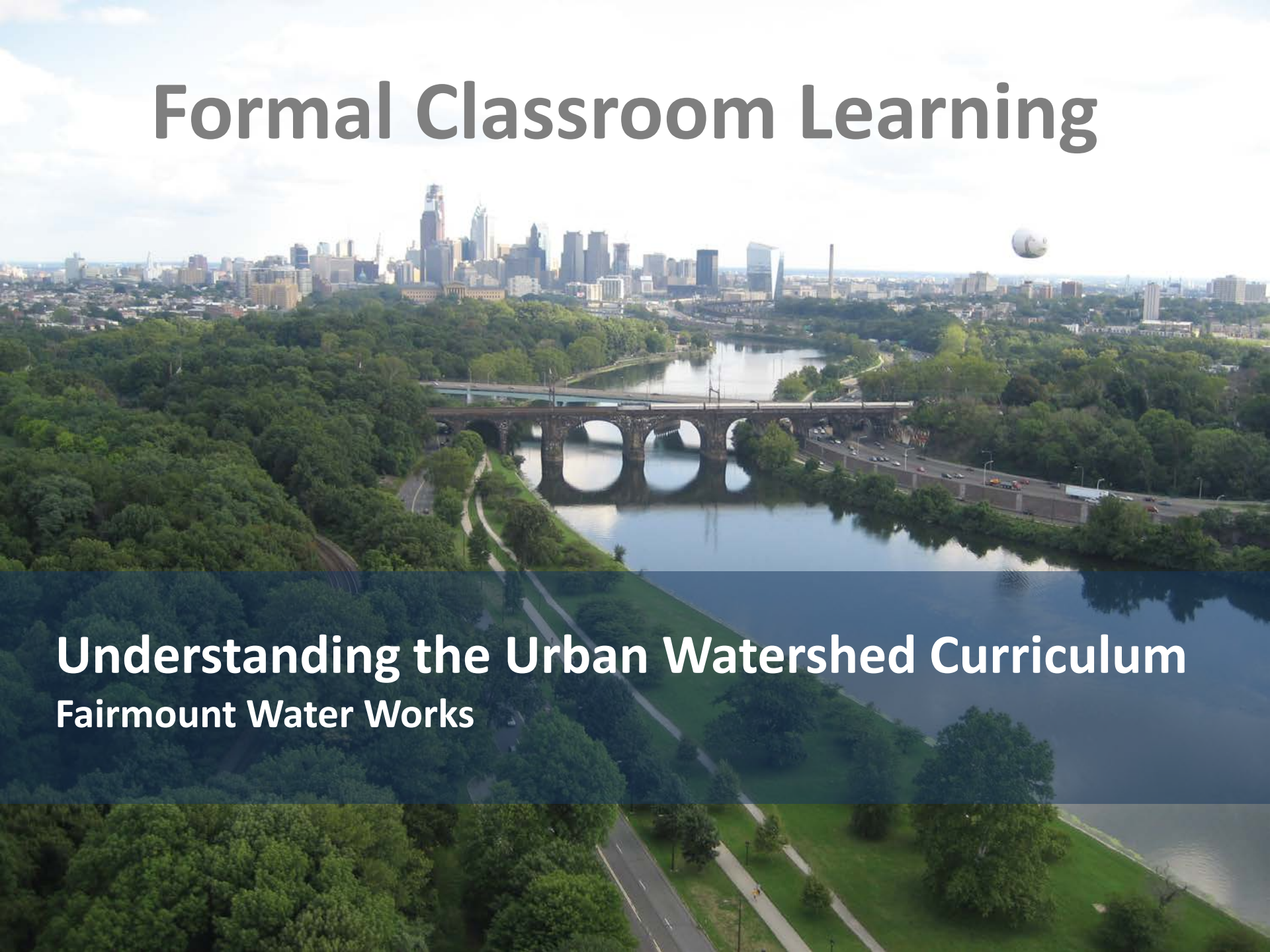
FAIRMOUNT WATER WORKS

Discover…Connect…Act

Philadelphia Water

FAIRMOUNT WATER WORKS

Formal Classroom Learning



Understanding the Urban Watershed Curriculum

Fairmount Water Works

Engaging STE*a*M opportunities

Philadelphia Water

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Classroom to Schoolyard Connection

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paddling on the water…

…taking field samples

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

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

Philadelphia Water

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