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From: [The Stormwater Report](#)

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To: [Susan Boynton](#)

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## STORMWATER REPORT

### STORMFEATURE

#### Philadelphia high school students build rain garden as part of innovative public-private partnership

In June, 10th- and 12th-grade students at W.B. Saul High School of Agricultural Sciences (Philadelphia) installed a rainwater management garden on campus grounds, culminating a year-long planning and design process.

About 70 W.B. Saul students were mentored under a unique pilot program that leverages experts from the CH2M Foundation (Englewood, Colo.) and The Nature Conservancy (Arlington, Va.) to provide project-based lessons in the disciplines of science, technology, engineering, and mathematics. [Read more](#)



### STORMNEWS

#### 'Economic instruments' webcast recording available

On June 8, the WEF Stormwater Institute presented the webcast, Working with the Market for Green Stormwater Infrastructure. The recording of the webcast is available on-demand and at no-charge until Sept. 10.

The webcast presents creative ways to raise the necessary capital to institute those projects. It explored a suite of policy tools, known as "economic instruments," that deliberately work within the market. Speakers will focus on specific examples including incentives, rebate programs, trading and mitigation programs, along with policy barriers and opportunities to widespread implementation of these approaches. [Read more](#)

## High school student wins U.S. EPA award for Portland flood mitigation study

After taking home the U.S. Environmental Protection Agency (EPA) Patrick H. Hurd Sustainability Award from the annual Intel International Science and Engineering Fair (IISEF) in May, a high school junior from Oregon will present his research at next year's EPA National Sustainable Design Expo in Washington, D.C.

Adam Nayak of Cleveland High School (Portland, Ore.) won the award for his project, "Modeling the effects of land use change on flooding in Pacific Northwest streams to promote green practices." The project suggests that if the Portland metro area continues to develop impervious surfaces at the rate it has in recent years, severe flooding from four urban stream basins will become much more likely. It recommends green infrastructure construction as a way to help mitigate these risks. [Read more](#)

## Washington, D.C., launches tree watering app

In June, Washington, D.C. Mayor Muriel Bowser launched the new DC Tree Watering Application. Bowser demonstrated the District Department of Transportation's (DDOT) innovative new app to highlight the value of and need for community assistance in keeping newly planted trees hydrated.

The District maintains more than 215,000 trees throughout the city. During the last tree planting season (October 2016 through April 2017), the city planted 8200 trees, increasing urban tree canopy coverage of the District to 38.7%. [Read more](#)



- ▶ **Chester, Pa., puts community-based public-private partnership into practice**
- ▶ **U.S. EPA report promotes cooperation between parks and stormwater managers**
- ▶ **Great Lakes Commission announces Great Lakes Emerging Champions Mini-Grant Program**

## worldwater stormwater MANAGEMENT



### Establishing green infrastructure standards for combined sewer overflow control

With its DC Clean Rivers Project in mind, the US-based DC Water (Washington, DC's water and sewer agency) developed standard for implementing green infrastructure as a component of combined sewer overflow control. Bethany Bezak and Caitlan Feehan of DC Water report on how the development process evolved and also how it incorporate elements to achieve goals of long-term performance and cost effectiveness.



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