PHILADELPHIA WATER DEPARTMENT

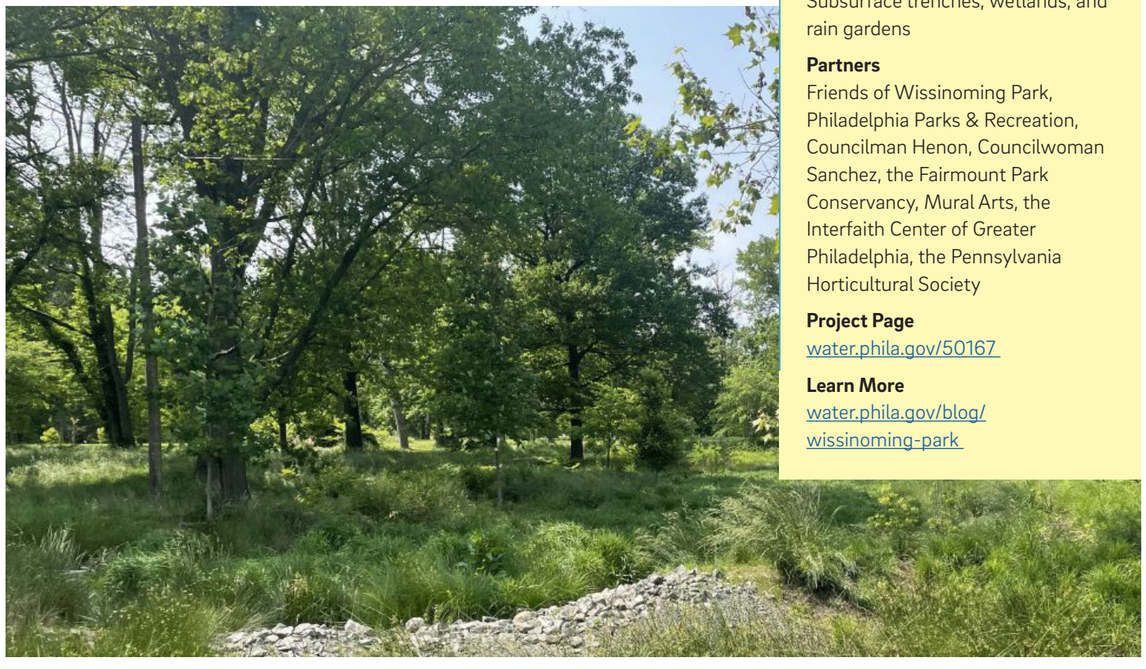
AWARD WINNING GREEN STORMWATER INFRASTRUCTURE IN PARKS

Wissinoming Park

Located in Lower Northeast Philly, Wissinoming Park has become one of the crown jewels of the *Green City, Clean Waters* program. Green stormwater infrastructure (GSI) in the park diverts more than 43 million gallons of stormwater from the combined sewer system on an annual basis. The two-phase project uses rain gardens, wetlands, and subsurface storage to reduce combined sewer overflows and protect the Delaware Direct Watershed. The revamped green space has achieved local, state, and national accolades for its stormwater management features.

About *Green City, Clean Waters*

Green City, Clean Waters is Philadelphia's 25-year program to install green stormwater infrastructure in the oldest parts of the city to reduce combined sewer overflow pollution and achieve compliance with the Clean Water Act. Since its start in 2011, hundreds of green stormwater infrastructure projects have been constructed through public investments, development regulations and private property incentives.



Wissinoming Park, 2023

Project Information

Address
5801 Frankford Avenue
Philadelphia, PA 19135

Project Number
50098 (Phase 1) & 50167 (Phase 2)

Neighborhood
Wissinoming

Date Completed
Fall 2021

Watershed
Delaware Direct

Council District
Districts 6 & 7

Volume of Stormwater Diverted from Combined Sewer System
43,000,000 gallons annually

Stormwater Management Practices
Subsurface trenches, wetlands, and rain gardens

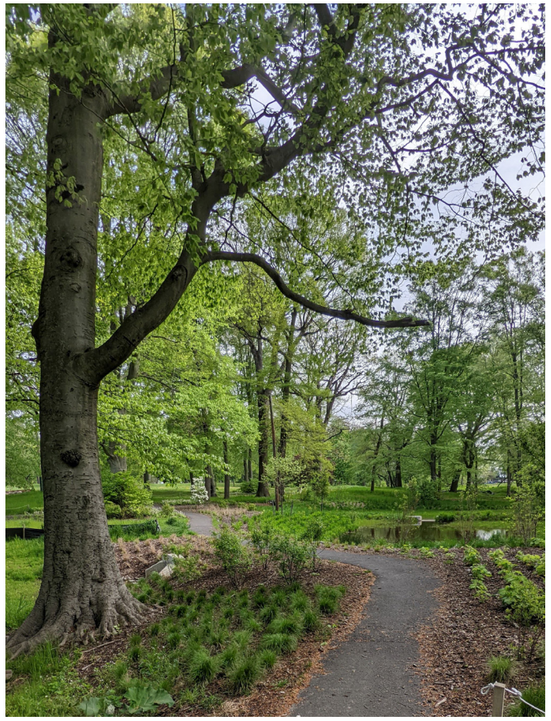
Partners
Friends of Wissinoming Park, Philadelphia Parks & Recreation, Councilman Henon, Councilwoman Sanchez, the Fairmount Park Conservancy, Mural Arts, the Interfaith Center of Greater Philadelphia, the Pennsylvania Horticultural Society

Project Page
water.phila.gov/50167

Learn More
water.phila.gov/blog/wissinoming-park







Left to right: Soccer field subsurface storage under construction; tree planting event in Spring 2022; rain garden along Comly St with upgraded path.

Project Background

Historically, Wissinoming Park was home to two tributaries to Little Tacony Creek. In the 19th century, one tributary was dammed into a pond, and in the 1990's the pond was filled. Residents enjoyed the other stream until it was buried in the 1950's.

Today, Green stormwater infrastructure (GSI) in the park has helped restore some of the ecosystem and stormwater management services of these historic streams. The renovation of Wissinoming Park came from partnerships between PWD, Philadelphia Parks & Recreation, Councilman Henon, Councilwoman Sanchez, the Fairmount Park Conservancy, Mural Arts, the Interfaith Center of Greater Philadelphia, and the Pennsylvania Horticultural Society.

The first phase of the project was completed in 2017, adding a new playground and two rain gardens. The second phase, finished in 2021, created a large system of rain gardens, an underground storage basin under the athletic fields, and wetlands along the edge of the park. In Spring 2022, PWD employees and members of the Wissinoming community planted 40 trees across the new wetlands as part of the installation.

PWD also worked with the Friends of Wissinoming Park to design with daily park users in mind. This resulted in a more welcoming park entrance, safety measures for better visibility in the park, and upgrades to paths and trails.

Unique Features

The final phase of this project has been rewarded with two honors: the Governor's Award for Environmental Excellence in 2022, and Sustainable Business Network's Best of Green City Clean Waters - Public Projects in 2021. This park was also highlighted at a workshop for the City Parks Alliance's Greater & Greener Conference of 2022.

Thank You

PWD would like to thank Philadelphia Parks & Recreation, City Council, and the many local organizations and residents that made this project possible.

Learn more about *Green City, Clean Waters*
water.phila.gov/green-city

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phillyh2o.info/signup

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Overview of Wissinoming Park



Key

- Arch Subsurface Storage
- Stone Subsurface Storage
- Rain Garden
- Wetland
- Porous Surface
- Recreation Center
- Sports and Play Facilities
- Parking



Wetlands in the Park

Wissinoming Park wetlands revive a historic stream corridor to manage stormwater, support native wildlife, and enhance a central community green space.