

GREEN INFRASTRUCTURE

STATE PROGRAM: Pennsylvania Infrastructure Investment Authority

ASSISTANCE RECIPIENT: City of Philadelphia

ASSISTANCE AMOUNT: \$30M



PROJECT DESCRIPTION

The City of Philadelphia has a combined sewer and stormwater system with 164 permitted outfalls. To minimize and mitigate combined sewer overflows (CSOs), the City borrowed \$30 million from PENNVEST to fund its groundbreaking Green City Clean Waters program. Since its launch in 2011, the program has funded 95 different projects and exceeded expectations by reducing stormwater runoff and CSOs by an incredible 1.7 billion gallons a year. This funding model differs from the traditional CWSRF process, which involves completion of planning, design, and bidding before the loan is executed. Under this funding model, new projects are chosen every 6 months, spanning a broad spectrum of green best practices including green roofs, curb bump-outs, rain gardens, permeable pavements, wetlands, tree plantings, and stream restoration.

To read more about this case study, please visit https://www.epa.gov/sites/default/files/2017-11/documents/pisces_compendium_final2.pdf.