

Philadelphia Water Department Stormwater Incentives



Overview

Stormwater Credits

Free Concept Design Services

SMIP Stormwater Grants

(Stormwater Management Incentives Program)

New GARP Stormwater Grants

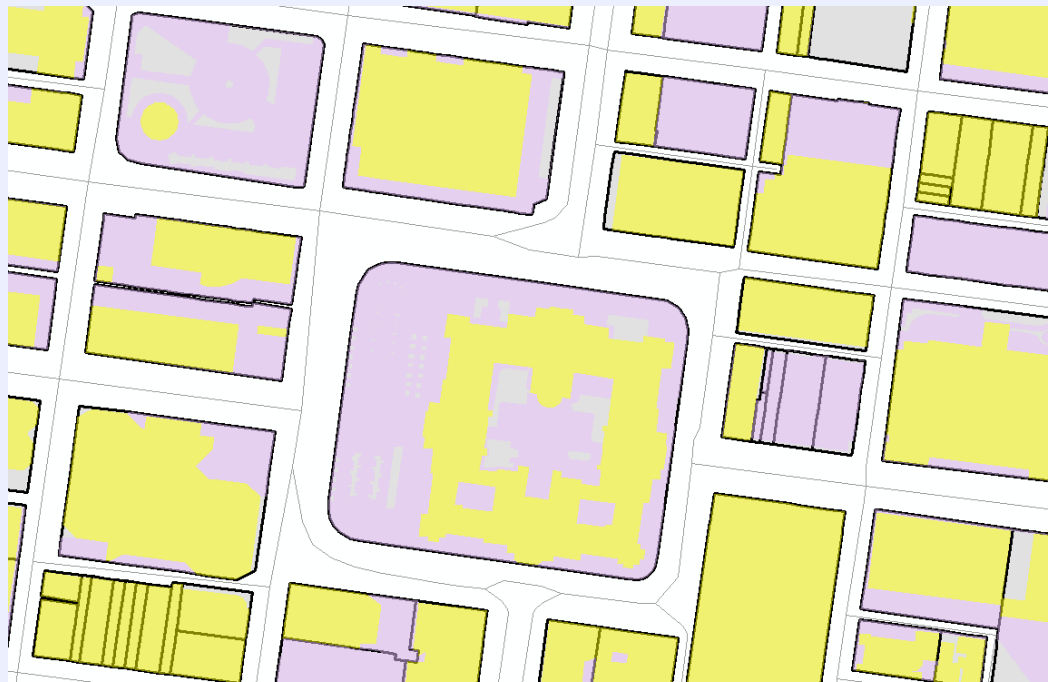
(Greened Acre Retrofit Program)

Every non-residential customer pays a parcel-based stormwater fee

Impervious cover = IA

Property area = GA

**Total SW Charge = IA
Charge + GA Charge**



Every non-residential customer is eligible for credits

- ❖ PWD offers 3 types of credits
 1. Favorable existing conditions and open space
 2. Stormwater management via a BMP
 3. Operation of a NPDES Industrial Stormwater Permit

- ❖ PWD offers up to 80% credit !

Rain Garden



Pervious Pavement



Stormwater Wetland



Stormwater Planter



Surface Detention Pond



STORMWATER MANAGEMENT PRACTICES

Sub-surface Detention Pond



Green Roof



Downspout Planter



Design Assistance Program

- ❖ PWD works with impacted customers to identify potential stormwater projects, earn credits and lower stormwater bill
- ❖ Cost benefit analysis performed for each stormwater management option
- ❖ Helps connect PWD with impacted customers and line up stormwater retrofit projects
- ❖ Property owners/customers can apply at any time

SMIP Grant Program

Free money to help customers build a stormwater project and save money on their stormwater charge



The ultimate win-win: PWD needs stormwater to be managed and property owners want to save money

What Projects are Eligible?

- ❖ Privately-owned, non-residential properties (cannot be City, State or Federal)

Commercial, industrial, non-profit, condo, multi-family residential, private schools

- ❖ SMIP pays for stormwater retrofit projects only (sorry, not for new construction!)

How SMIP Works

- ❖ Property owner applies for grant
 - Stormwater management concept plan
 - Project budget
 - Project description and narrative
 - O&M narrative
- ❖ Funding limited to \$100,000 per acre of treated impervious area
- ❖ Starting July 1, applications can be submitted at any time

Process

- ❖ PWD will issue decisions at the close of each fiscal quarter
- ❖ Once awarded, applicants meet with PIDC/PWD to enter into grant agreement
- ❖ Design
- ❖ Construction
- ❖ Verification
- ❖ **Credits**



Kensington Arts High School, photo by Paul Rider

GARP

- ❖ Created to facilitate larger projects spanning multiple properties
- ❖ Applicant is a project aggregator/company working on behalf of property owners
- ❖ CSO-area only
- ❖ Project aggregator/company enters into subgrant agreement
- ❖ Property owner(s) execute O&M Agreement
- ❖ Process is same as SMIP

Thank you!

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http://www.phillywatersheds.org/what_were_doing/SMIP_Grant

<http://www.phila.gov/water/wu/stormwater/Pages/default.aspx>

