

WHY A MODEL NEIGHBORHOOD ?

Philadelphia Water Department (PWD) is working on a new and exciting green initiative with its partners, Fairmount Park, Citizens for Pennsylvania's Future (PennFuture) and the Next Great City coalition, Pennsylvania Horticultural Society and local community groups.

Model Neighborhoods is an initiative to transform the neighborhoods of Philadelphia into model green communities that manage stormwater in innovative ways. These neighborhoods will showcase green infrastructure elements, such as street trees trenches, sidewalk planters, and bump outs/curb extensions (see middle panel for definitions). These projects help clean stormwater runoff, help slow it down and help it soak back into the ground, reducing the amount of stormwater that would otherwise travel through underground pipes to our streams and rivers.



Beyond stormwater benefits, green infrastructure projects beautify neighborhoods, improve air quality, reduce the City's temperature (urban heat island effect), and create safer, healthier communities.

HOW TO NOMINATE YOUR BLOCK?

1. Contact your local neighborhood group or civic organization to notify them of your interest. Civic partners play a key role in *Model Neighborhoods*.
2. Fill out the Green Street Petition and obtain signatures from the residents on your block.
3. Submit the petition to the Philadelphia Water Department so that your block can be considered.

* The first four blocks that sign up in each neighborhood will be considered for a green street. Others may be considered at a later date.

See contact information on the reverse side for materials.

MODEL NEIGHBORHOOD ELEMENTS

Examples of green infrastructure elements that you may see on your street, block and on other public properties:

Street Trees Trenches

Street trees trenches capture the flow of stormwater from the street and sidewalk, letting it soak into the soil. They provide shade, improve air quality, absorb noise and beautify neighborhoods.



Photo Credit: PHS

Sidewalk Planters

Stormwater runoff from the street is directed to the planter through a curb opening. Sidewalk planters help protect our waterways by trapping pollutants and reducing stormwater runoff.



Bump Outs/Curb Extensions

A curb opening allows stormwater runoff from the street and gutter into the curb extensions, where the stormwater runoff soaks into the ground and filters out pollutants.



Rain Barrels

Rain barrels are storage containers that collect and store stormwater runoff from the downspouts.



Rain Gardens

Rain gardens are shallow depressions in the land, vegetated with native plants that filter stormwater runoff.



Porous Pavement

Porous pavement allows stormwater runoff to soak right through it, while providing the same structural support as traditional pavement.



Existing Street



Green Street!

WHERE ARE THE CURRENT MODEL NEIGHBORHOODS?

<i>Location</i>	<i>Civic Partner</i>
Passyunk Square	Passyunk Civic Association
Awbury/Cliveden	Tookany/Tacony-Frankford (TTF) Watershed Partnership
Northern Liberties	Northern Liberties Neighborhood Association
Pennsport	Pennsport Civic Association
New Kensington/Fishtown	New Kensington CDC
Point Breeze	Point Breeze/ Newbold/ Redevelopment Authority (RDA)
North Philadelphia	Asociacion Puertorriquenos en Marcha (APM)
Manayunk	Manayunk Development Corp/ Roxborough CDC
East Falls	East Falls Development Corporation

LEARN MORE ABOUT MODEL NEIGHBORHOODS THROUGH THESE PROGRAMS

- Fairmount Park's Street Tree Walks
- Philadelphia Water Department's Dock Street Tour, Cohocksink Tour and Wingohocking Tour

For more details on the above events and other future events, in addition to more information on *Model Neighborhoods*, visit:

www.PHILLYWATERSHEDS.org

Facebook Group: *Green Neighborhoods through Green Streets*

WHAT CAN HOMEOWNERS DO?

Examples of projects that homeowners can do on their properties to better manage stormwater runoff:

- Plant a tree.
- Install a rain barrel.
- Plant a rain garden.
- Install a planter (container garden).

Project Sponsors:



FREQUENTLY ASKED QUESTIONS (FAQS)

Q. Who funds *Model Neighborhoods*?

A. Primarily Philadelphia Water Department (PWD), with support from other city agencies and local nonprofit groups.

Q. Are projects on private properties considered for funding?

A. No. PWD can only implement projects in public right of ways (i.e. streets and sidewalks), however, PWD may provide technical support to private property owners. In fact, PWD is interested in evaluating residential properties in Philadelphia for rain gardens (where appropriate) and flow-through planters. Please contact us, if you are interested.

Q. Who will maintain the *Model Neighborhoods* green infrastructure projects?

A. PWD. However, PWD will rely on residents to do minor maintenance, such as litter removal and sweeping leaves.

For more information, contact:

Tiffany Ledesma Groll
Office of Watersheds
Philadelphia Water Department
1101 Market St. 4th Floor
Philadelphia, PA 19107
Phone: 215-499-3756

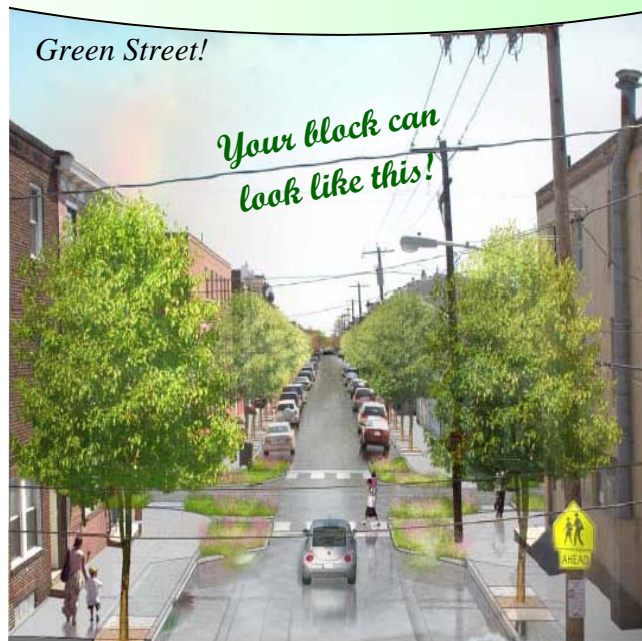
Fax: 215-685-6043

E-mail: ledesmagrolltd@cdm.com



Existing Street

Green Cities, Clean Waters MODEL NEIGHBORHOODS



Green Street!

Your block can look like this!