

**Hawthorne's Rain Garden  
at  
Louis Bay 2<sup>nd</sup> Library & Community  
Center**

**Partnership  
Board of Trustees,  
Hawthorne Green Team, and  
Rutgers Water Resources Program**

# Preparation of the Rain Garden



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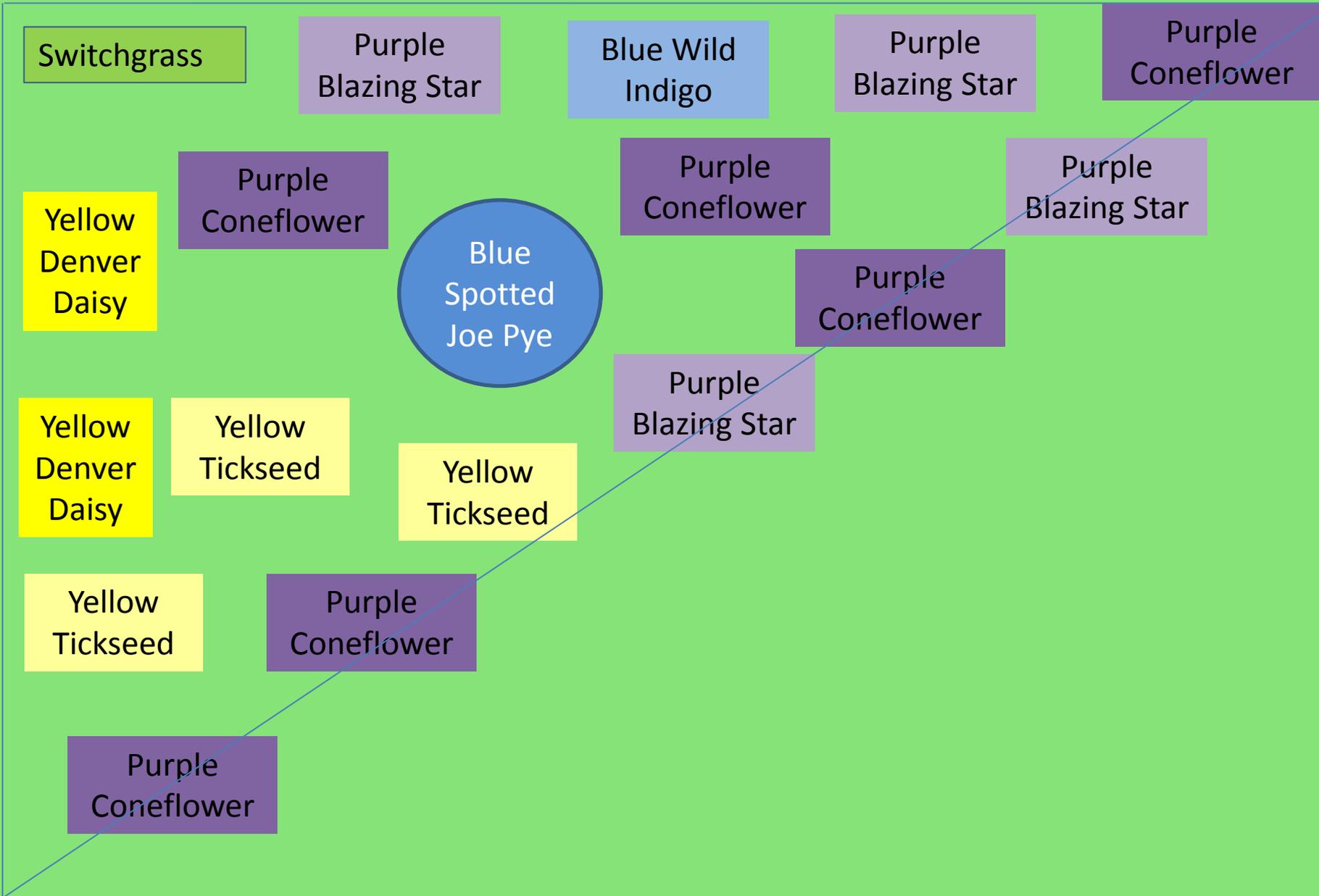
# Building of the Rain Garden



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# Rain Garden Native Plant Layout



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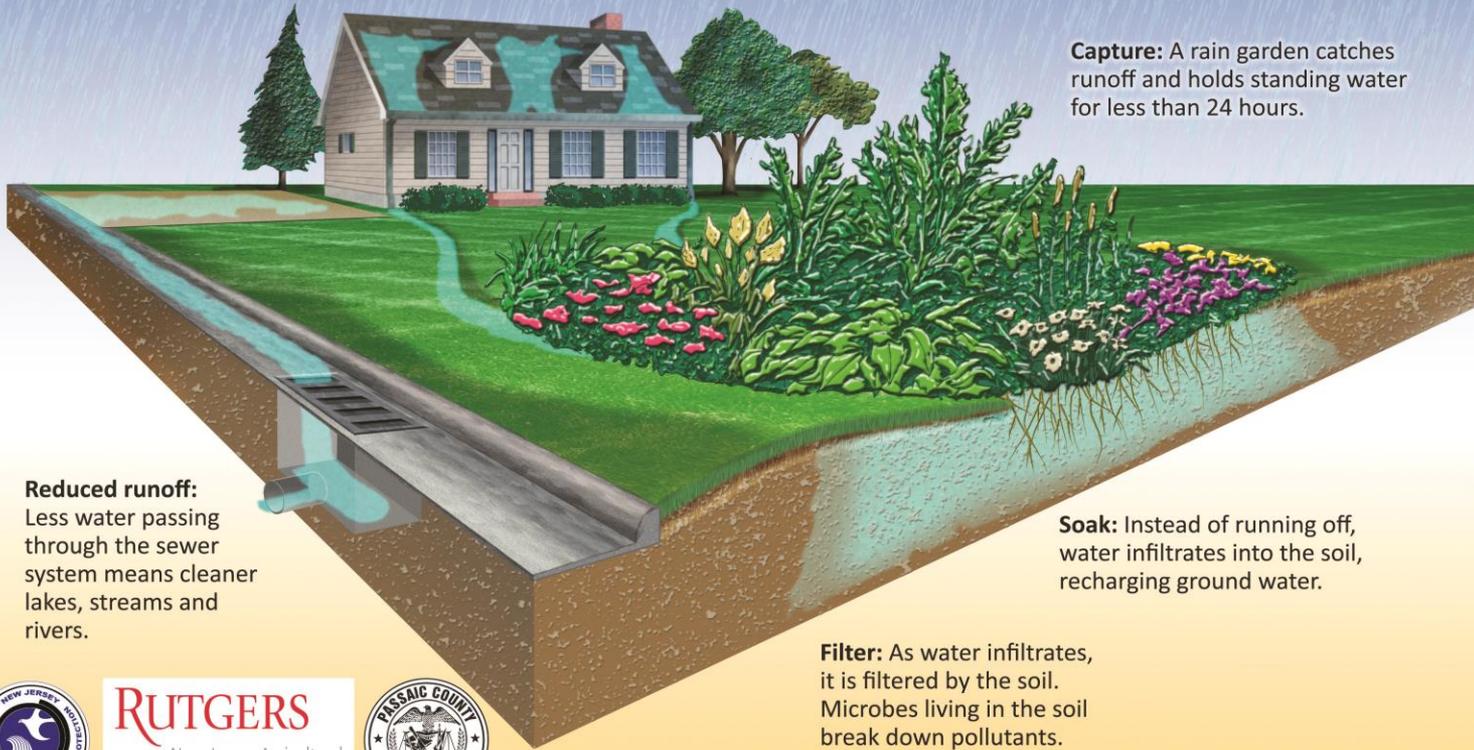
# Rain Garden Sign

## RAIN GARDENS

Improving Water Quality One Yard at a Time

Rain gardens are landscape features planted with native plants that can be placed within your yard to capture runoff from roofs, driveways or streets. These special gardens are designed to improve water quality by reducing the amount of pollution entering our lakes, streams and rivers. Rain gardens allow water to infiltrate the soil rather than run off into storm sewers.

**Capture:** A rain garden catches runoff and holds standing water for less than 24 hours.



**Reduced runoff:**  
Less water passing through the sewer system means cleaner lakes, streams and rivers.

**Soak:** Instead of running off, water infiltrates into the soil, recharging ground water.

**Filter:** As water infiltrates, it is filtered by the soil. Microbes living in the soil break down pollutants.



# **SPECIAL THANKS TO THOSE WHO CONTRIBUTED TO OUR RAIN GARDEN**

- Rutgers Water Resources Program – Dr. Amy Rowe
- Rick Hockenberry Landscaping, Hawthorne
- Tilcon
- Downes Tree Service, Hawthorne
- Fifth Avenue Landscaping, Hawthorne
- Sharon Abood, Board of Trustee
- Passaic County Planning Department

# THANK YOU TO OUR VOLUNTEERS WHO BUILT THE RAIN GARDEN

## Environmental Commissioners

- Rayna Laiosa
- Robert Maggio
- Robert Meier

## Green Team Members

- Edward and Kaitlyn Van Gunst
- Karen & Grace Young
- Christopher & Liam Cooper
- Jose, Joseph, Brandon, Bryan, and Erick Pinos

## Board of Trustees

Joseph Meltzer

# Rain Garden Poster Displayed at Green Fair

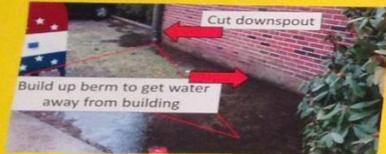
## Rain Garden

Rain gardens are specifically designed to manage stormwater runoff, mainly from rooftops, but also from driveways, lawns, roads, and parking lots. Rain gardens look like regular perennial gardens, but they are much more. During a storm, a rain garden fills with water, and the water slowly filters into the ground rather than running into storm sewers. Compared to a patch of lawn, a rain garden allows about 30% more water to soak into the ground. Therefore, by capturing stormwater, rain gardens help to reduce nonpoint source pollution (i.e., road sediment/salt, fertilizers, pesticides, bacteria from pet waste, eroded soil, grass clippings, litter, etc.) and help to protect local waterways. Rain gardens also add beauty to neighborhoods and provide wildlife habitat.

## Rain garden location



## Rain garden plan



## Rain garden cutaway schematic



## Rain garden location



345 Lafayette Ave. Hawthorne, NJ 07036, USA

# HAWTHORNE'S RAIN GARDEN

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| • Robert Maggio             | • Karen & Cooper      |
| • Robert Meier              | • Christoph Cooper    |
| Board of Trustees           | • Jesse, Jos Bryan, & |
| Joseph Meltzer              |                       |

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## Rain Garden Native Plant Layout



## Rain Garden

