



# **NYC Green Infrastructure Program**

---

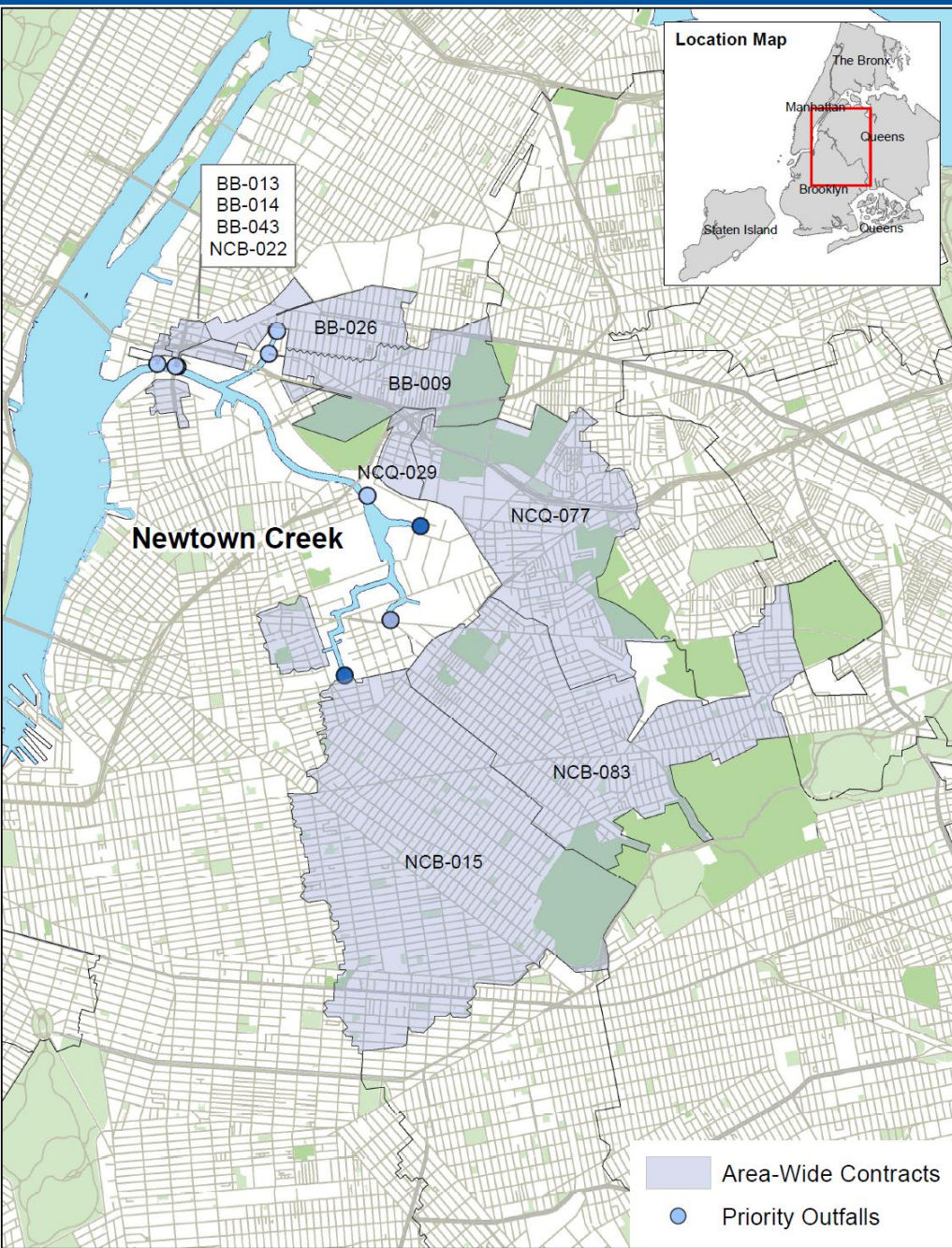
Newtown Creek CAG

Margot Walker, DEP

**Green infrastructure** practices are designed and constructed to manage stormwater runoff when it rains. Green Infrastructure also helps make the City more sustainable by improving air quality, reducing temperatures in hot summer months, and beautifying neighborhoods.



# Newtown Creek Priority CSO Tributary Areas



The Area-wide approach allows OGI to:

- Focus resources on specific outfall tributary areas
- Saturate these areas with as much GI as possible
- Achieve efficiencies in design and construction

# Right-of-way Bioswale



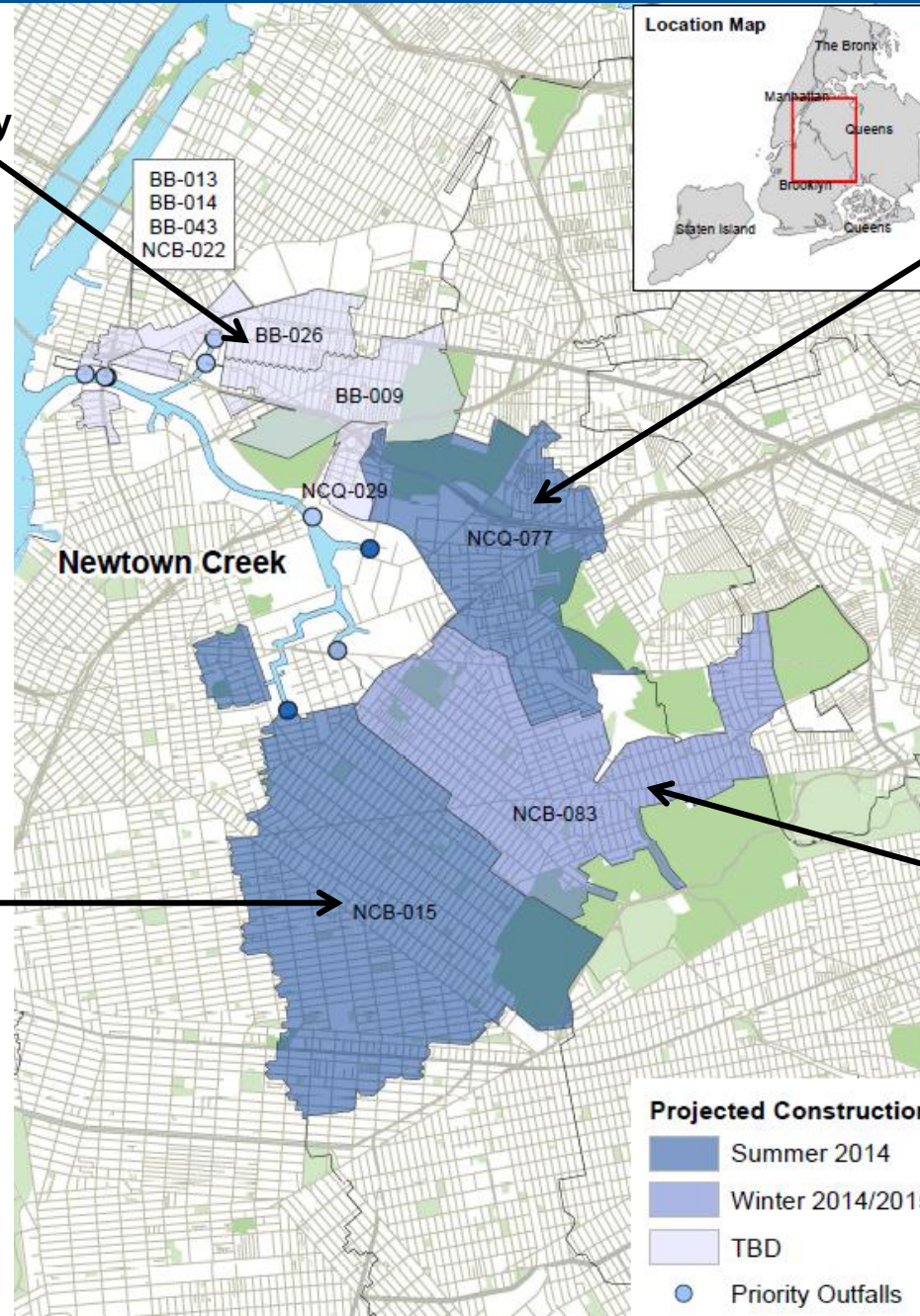
# Right-of-way Bioswale



# Stormwater Greenstreets



# Green Infrastructure Contract Areas



**Newtown Creek – DEP  
NC and Dutch Kills Tributary**  
Size: Approx. 1000 acres  
Design Costs: *TBD*

**NCQ-077 – DDC  
Maspeth Creek Tributary**  
Size: Approx. 1000 acres  
Design Costs: \$4.5M

**NCB-083- DEP  
East Branch Tributary**  
Size: Approx. 1500 acres  
Design Costs: \$3M

**NCB-015 – EDC  
English Kills Tributary**  
Size: Approx. 2000 acres  
Design Costs: \$15M

- **English Kills Tributary** (Bushwick, Bedford Stuyvesant, Crown Heights)
  - Geotechnical Investigations and Survey currently underway
  - Construction will begin in summer 2014
- **East Branch Tributary** (Ridgewood, Middle Village, Glendale)
  - Geotechnical investigations will begin in February 2014
  - Construction will begin winter/spring 2015
- **Maspeth Creek Tributary** (Maspeth)
  - Geotechnical investigations and surveys are currently underway
  - Construction will begin in summer 2014
- **Newtown Creek and Dutch Kills Tributary** (Long Island City)
  - Design team will be brought on in spring 2014

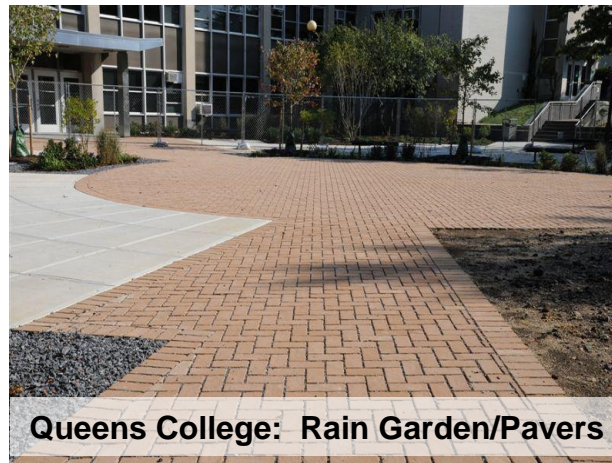


# GI Grant Program

- Funding is available for design and construction of green infrastructure on non-city owned property in combined sewer areas
- \$11.5 million has been committed to 29 projects
- New round of grants to be announced this spring



**Brooklyn Navy Yard: Rooftop Farm**



**Queens College: Rain Garden/Pavers**



**Bishop Loughlin: Green Roof**



**Lenox Hill House: Green Roof**



**NYRP: Rain Garden/Pavers**



**Osborne Association: Blue/Green Roof**

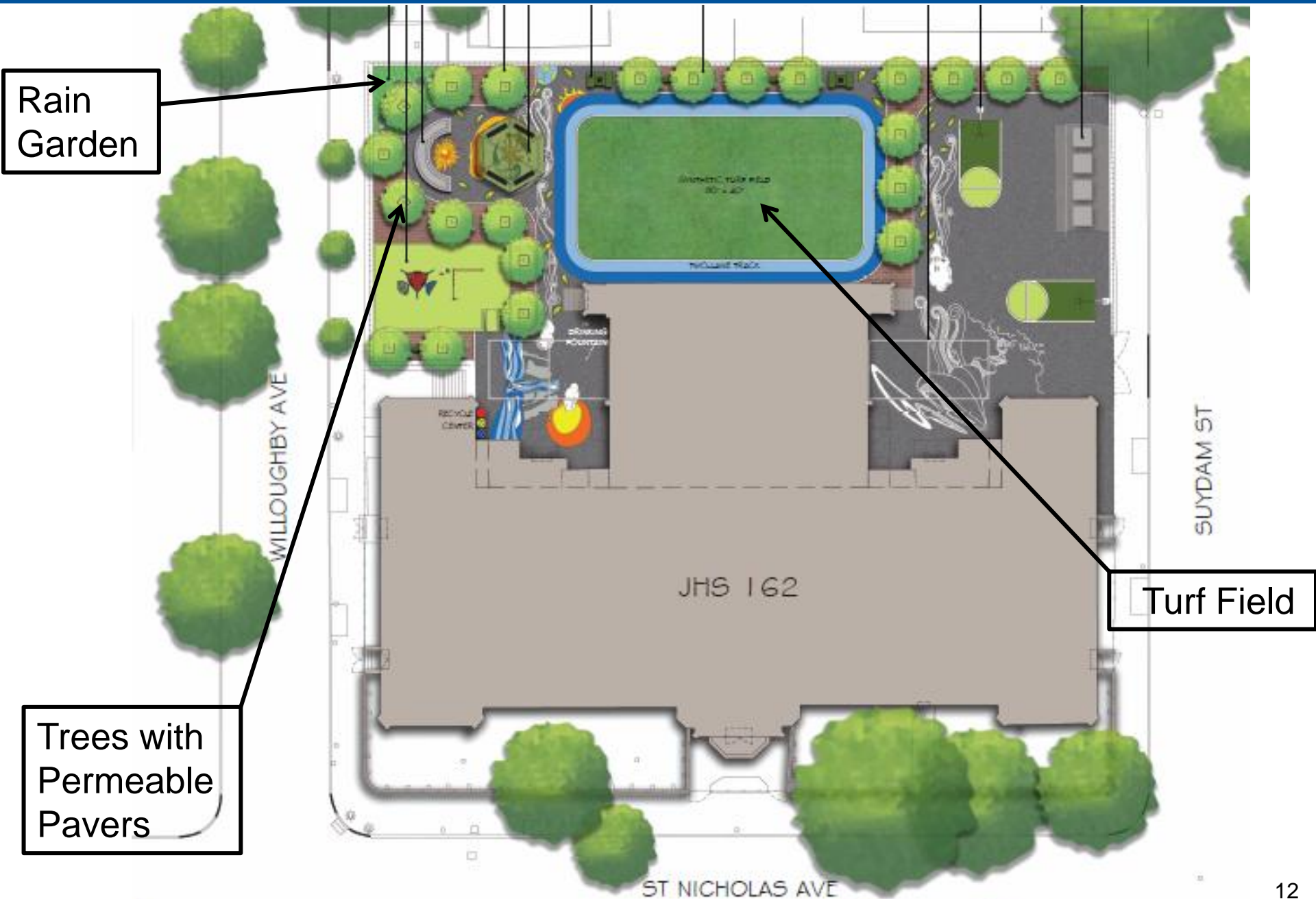


**Before**



**After**

# Current Project: JHS162



Rain Garden

Turf Field

Trees with Permeable Pavers

# Rain Barrel Giveaway Program

DEP partners with elected officials and community boards to give away free rain barrels. Stay tuned for a 2014 giveaway...



# Questions?



Margot Walker  
[margotw@dep.nyc.gov](mailto:margotw@dep.nyc.gov)

For more information:  
[nyc.gov/dep/greeninfrastructure](https://nyc.gov/dep/greeninfrastructure)