

# BRONX RIVER

Total Watershed Drainage Area: **4,160 acres**  
 Combined Sewer Contributory Area: **2,842 acres**  
 Combined Sewer Contributory Impervious Area: **2,331 acres**  
 Opportunity Area for Source Controls: **1,609 acres**

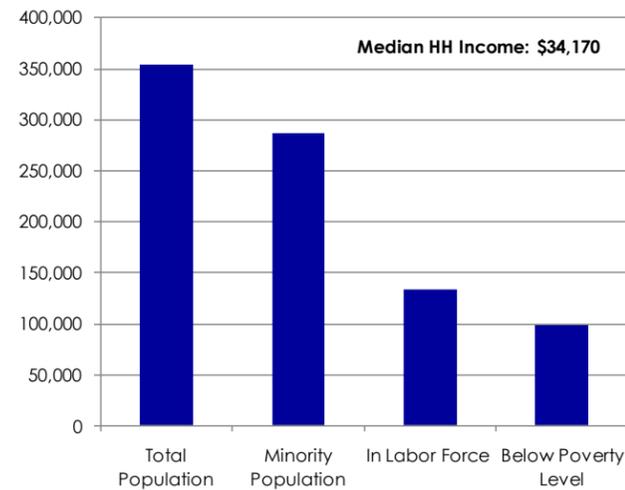
The goal is to manage stormwater from **10%** of the impervious surfaces in the combined sewer contributory area. There are opportunities in **54%** of the combined sewer contributory area.

Opportunities in Combined Sewer Contributory Area	Acres	% of Watershed
<b>New development/redevelopment</b>	<b>103</b>	<b>3%</b>
<b>Vacant lots</b>	<b>53</b>	<b>2%</b>
<b>Right-of-way</b>	<b>812</b>	<b>27%</b>
<b>Planned ROW Projects</b>	<b>14</b>	<b>0.5%</b>
<b>Commercial corridors</b>	<b>9</b>	<b>0.3%</b>
<b>Other streets</b>	<b>547</b>	<b>18%</b>
<b>Other sidewalks</b>	<b>242</b>	<b>8%</b>
<b>Multi-family residential complexes</b>	<b>161</b>	<b>5%</b>
<b>Commercial development with parking lots</b>	<b>14</b>	<b>0.5%</b>
<b>Schools</b>	<b>65</b>	<b>2%</b>
<b>Parks</b>	<b>337</b>	<b>11%</b>
<b>Other public properties</b>	<b>64</b>	<b>2%</b>
<b>TOTAL</b>	<b>1,609</b>	<b>54%</b>

Wastewater Treatment Plant(s):  
 NYSDEC Classification(s):  
 Ecological Classification(s):  
 Existing Water Uses:  
 Shoreline Uses:

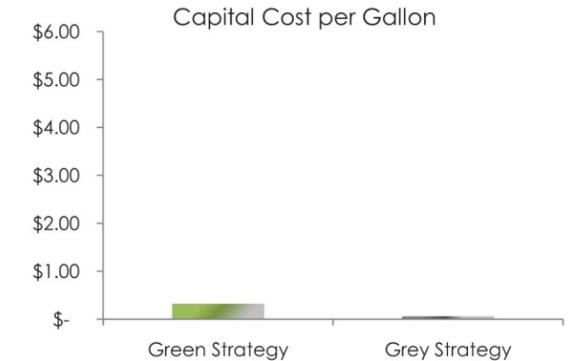
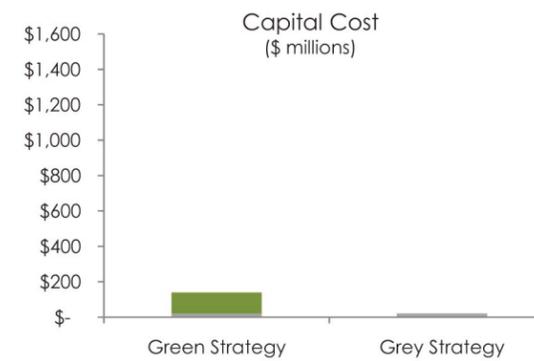
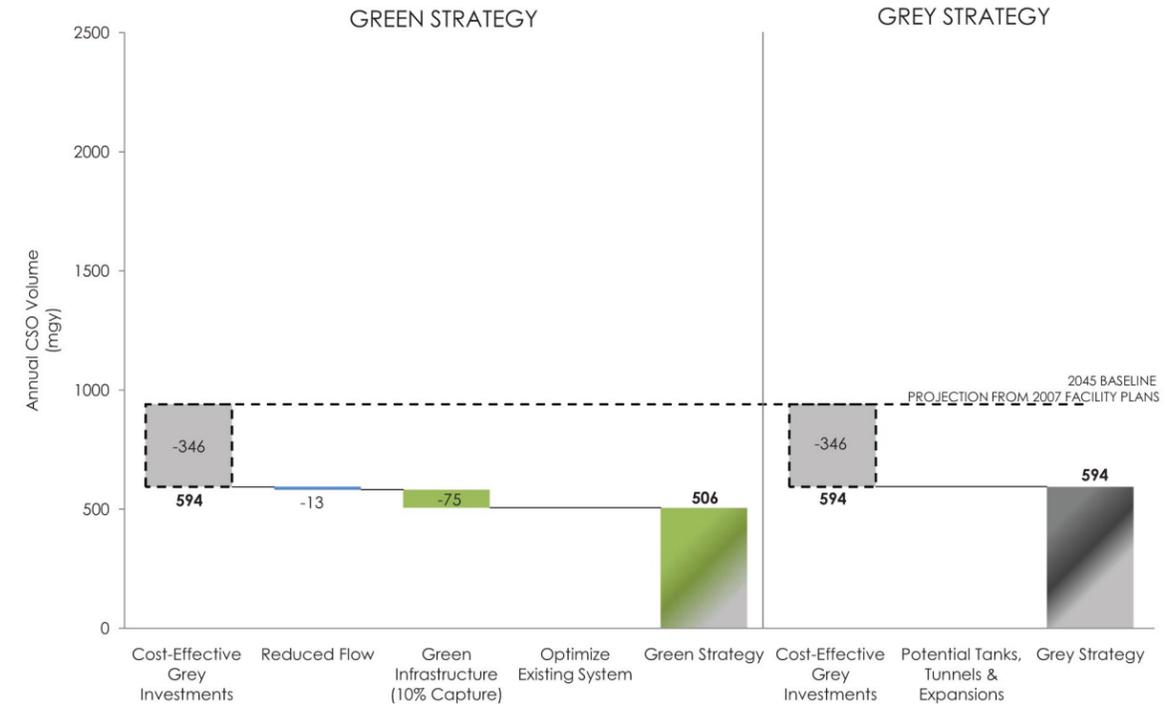
**Hunts Point**  
**Class I – Secondary Contact, Boating and Fishing**  
**Special Natural Waterfront Area (DCP)**  
**Pedestrian and Bicycle Trailways, Recreational Boating**  
**Industrial, Residential, Recreational, Parkland and Open Space, Commercial**

Borough(s): **Bronx**  
 Community District(s): **6, 9 & 11**



## GREEN INFRASTRUCTURE PLAN

# PERFORMANCE AND COSTS



	CSO Volume Reduction (MG/yr)	Capital Cost (\$M)	Capital Cost per Gallon
<b>Cost-Effective Grey Infrastructure Investments—Hunts Point WWTP Headworks Improvements</b>	346	\$20	\$0.06
<b>PLUS Reduced Flow</b>	13	-	-
<b>PLUS Green Infrastructure (10% Capture)</b>	75	\$119	\$1.58
<b>PLUS Tide Gate Repair and Interceptor Cleaning</b>	NA	NA	NA
<b>Green Strategy Total</b>	<b>434</b>	<b>\$140</b>	<b>\$0.32</b>
<b>Cost-Effective Grey Infrastructure Investments</b>	346	\$20	\$0.06
<b>PLUS Potential Tanks, Tunnels &amp; Expansions</b>	NA	NA	NA
<b>Grey Strategy Total</b>	<b>346</b>	<b>\$20</b>	<b>\$0.06</b>

## GREEN INFRASTRUCTURE PLAN

**Land Use**

- One & Two Family Buildings
- Multi-Family Buildings
- Mixed Residential and Commercial Buildings
- Commercial and Office Buildings
- Industrial and Manufacturing
- Transportation and Utility
- Public Facilities and Institutions
- Open Space and Outdoor Recreation
- Parking Facilities
- Vacant Land

**Drainage Area**

- Planned ROW Projects
- New Development (Construction Permits) 2000-2010
- Commercial Corridor

**Existing and Planned Installations**

- Community gardens (rainwater harvesting) (2)
- Green streets (4)
- Rain barrels (6)
- Residential retrofits (1)

