

## BERGEN AND THURSTON BASINS

Total Watershed Drainage Area: **22,093 acres**  
 Combined Sewer Contributory Area: **2,873 acres**  
 Combined Sewer Contributory Impervious Area: **2,413 acres**  
 Opportunity Area for Source Controls: **1,297 acres**

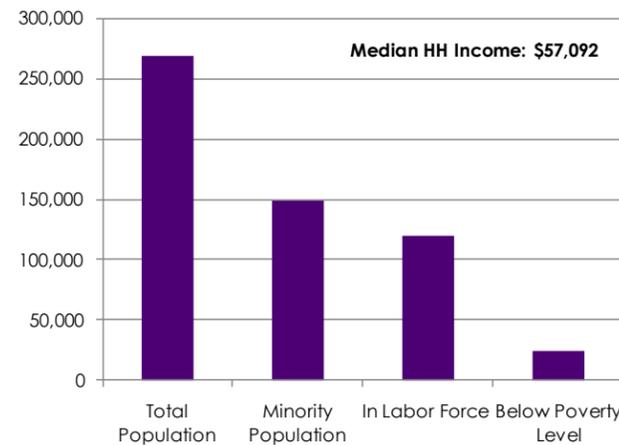
The goal is to manage stormwater from **10%** of the impervious surfaces in the combined sewer contributory area. There are opportunities in **45%** of the combined sewer contributory area.

Opportunities in Combined Sewer Contributory Area	Acres	% of Watershed
<b>New development/redevelopment</b>	<b>138</b>	<b>5%</b>
<b>Vacant lots</b>	<b>23</b>	<b>1%</b>
<b>Right-of-way</b>	<b>760</b>	<b>26%</b>
<b>Planned ROW Projects</b>	<b>121</b>	<b>4%</b>
<b>Commercial corridors</b>	<b>2</b>	<b>0.1%</b>
<b>Other streets</b>	<b>420</b>	<b>14%</b>
<b>Other sidewalks</b>	<b>218</b>	<b>7%</b>
<b>Multi-family residential complexes</b>	<b>8</b>	<b>0.3%</b>
<b>Commercial development with parking lots</b>	<b>13</b>	<b>0.5%</b>
<b>Schools</b>	<b>24</b>	<b>1%</b>
<b>Parks</b>	<b>293</b>	<b>10%</b>
<b>Other public properties</b>	<b>38</b>	<b>1%</b>
<b>TOTAL</b>	<b>1,297</b>	<b>45%</b>

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

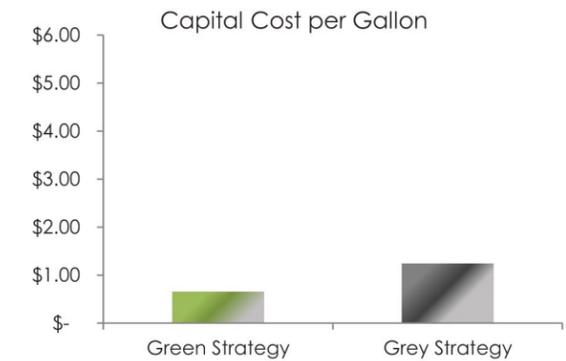
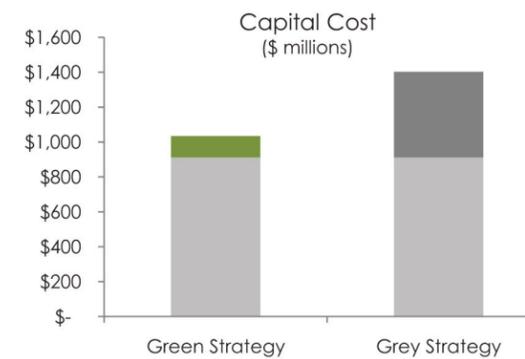
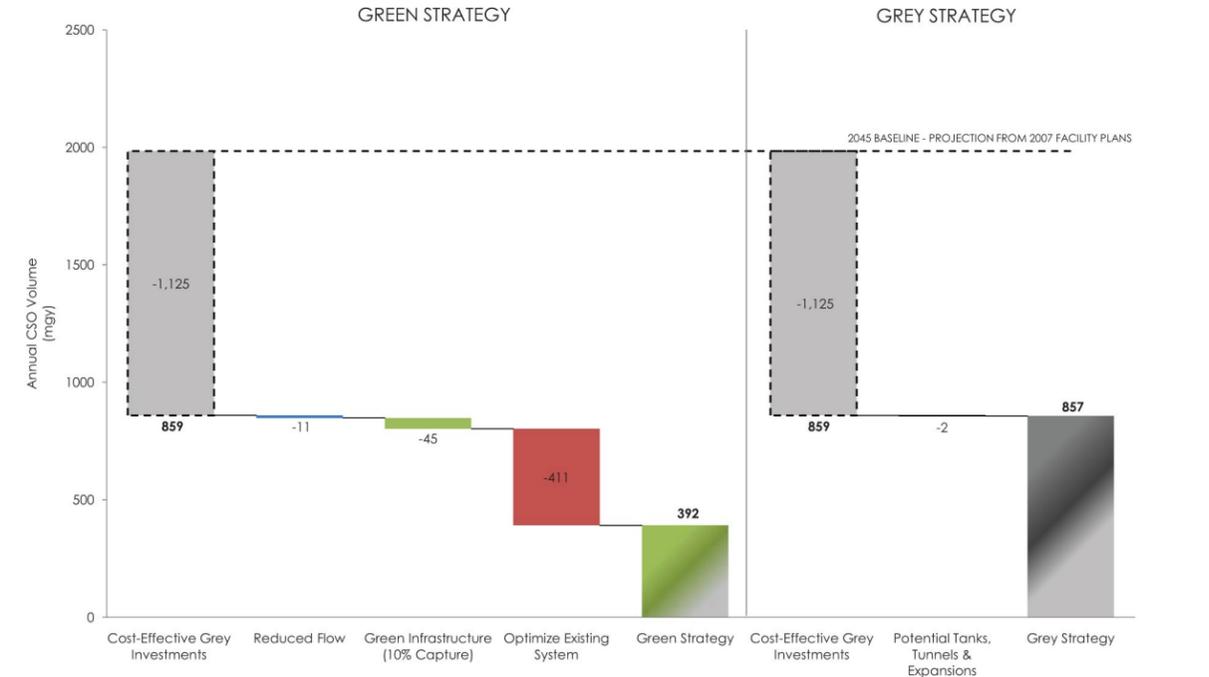
**Jamaica**  
**Class I – Secondary Contact, Boating and Fishing**  
**Significant Coastal Fish and Wildlife Habitat Special Natural Waterfront Area (DCP)**  
**Commercial Barge Traffic, Recreational Boating and Fishing**  
**Residential, Industrial, Commercial, Recreational, Parkland and Open Space**

Borough(s): **Queens**  
 Community District(s): **9 & 10**



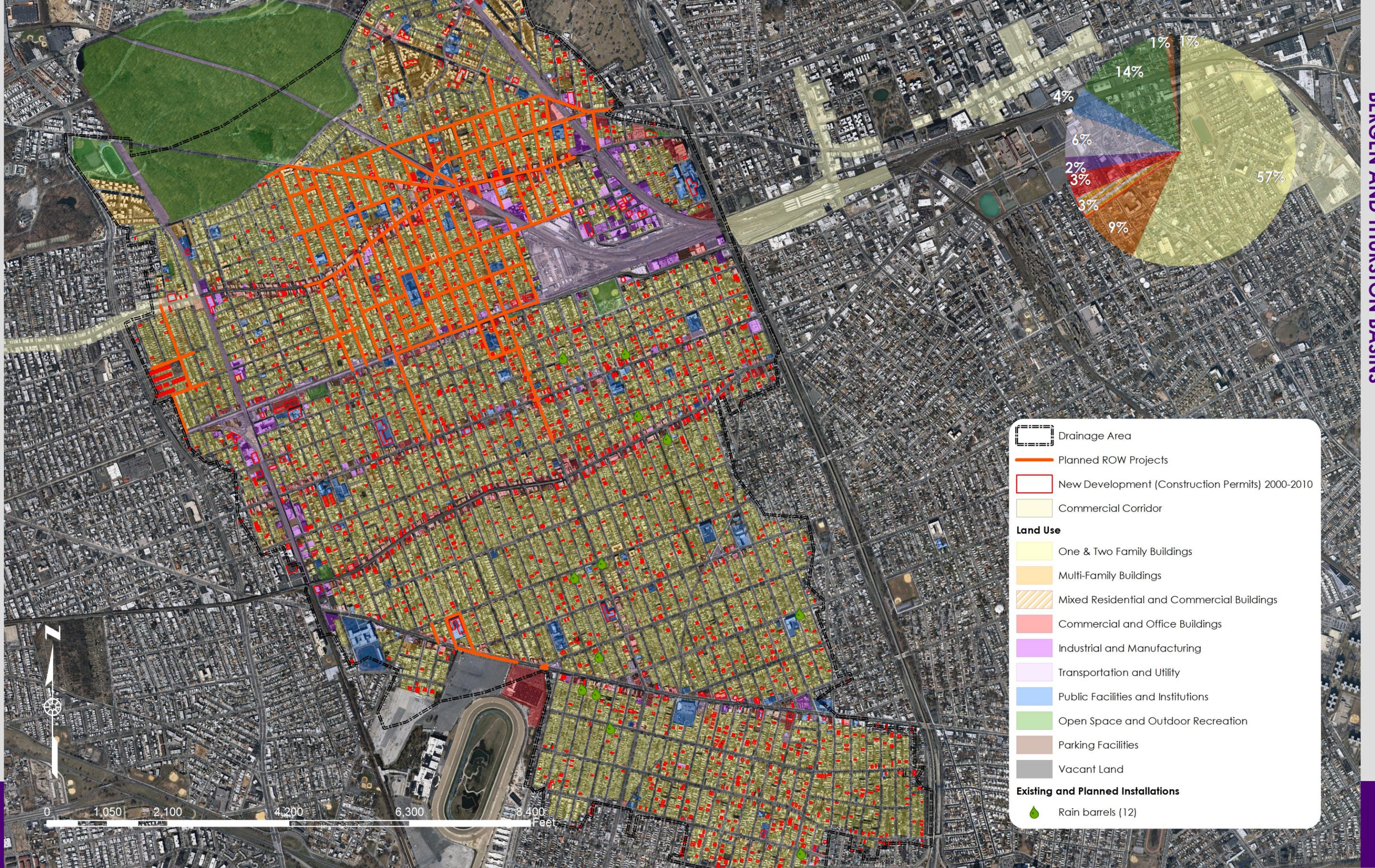
### GREEN INFRASTRUCTURE PLAN

## PERFORMANCE AND COSTS



	CSO Volume Reduction (MG/yr)	Capital Cost (\$M)	Capital Cost per Gallon
<b>Cost-Effective Grey Infrastructure Investments</b> —Meadowmere & Warnerville DWO Abatement, Sewer System Improvements, Regulator Automation, High Level Sewer Separation in Southeast Queens.	1,125	\$912	\$0.81
<b>PLUS Reduced Flow</b>	11	-	-
<b>PLUS Green Infrastructure (10% Capture)</b>	45	\$121	\$2.67
<b>PLUS Tide Gate Repair and Interceptor Cleaning</b>	411	\$12.33	\$0.03
<b>Green Strategy Total</b>	<b>1,592</b>	<b>\$1,046</b>	<b>\$0.66</b>
<b>Cost-Effective Grey Infrastructure Investments</b>	1,125	\$912	\$0.81
<b>PLUS Potential Tanks, Tunnels &amp; Expansions</b>	2	\$490	\$245.00
<b>Grey Strategy Total</b>	<b>1,127</b>	<b>\$1,402</b>	<b>\$1.24</b>

### GREEN INFRASTRUCTURE PLAN



**Legend**

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

**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

**Existing and Planned Installations**

- Rain barrels (12)

