

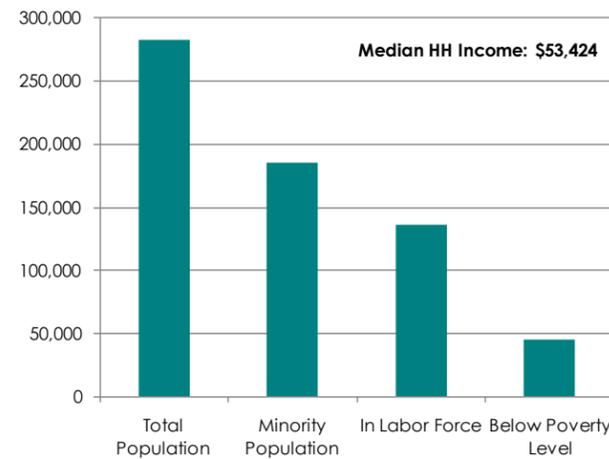
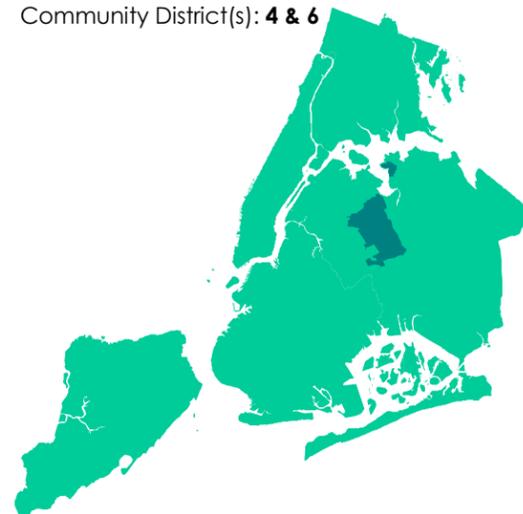
FLUSHING BAY

Total Watershed Drainage Area: **6,423 acres**
 Combined Sewer Contributory Area: **4,499 acres**
 Combined Sewer Contributory Impervious Area: **4,049 acres**
 Opportunity Area for Source Controls: **1,973 acres**

The goal is to manage stormwater from **10%** of the impervious surfaces in the combined sewer contributory area. There are opportunities in **44%** of the combined sewer contributory area.

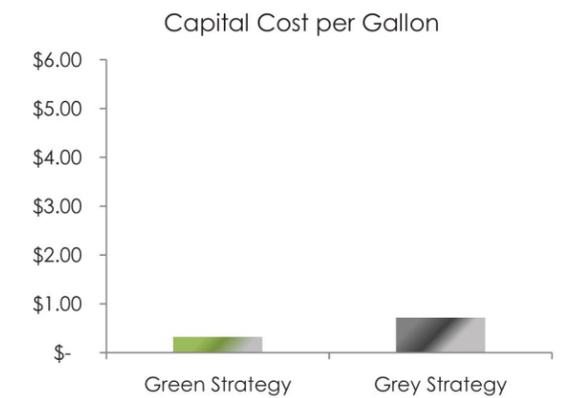
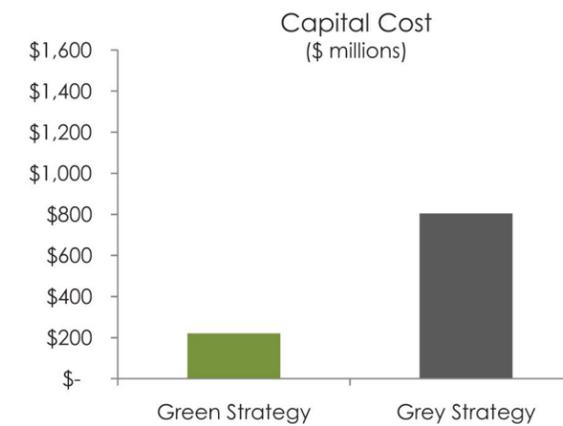
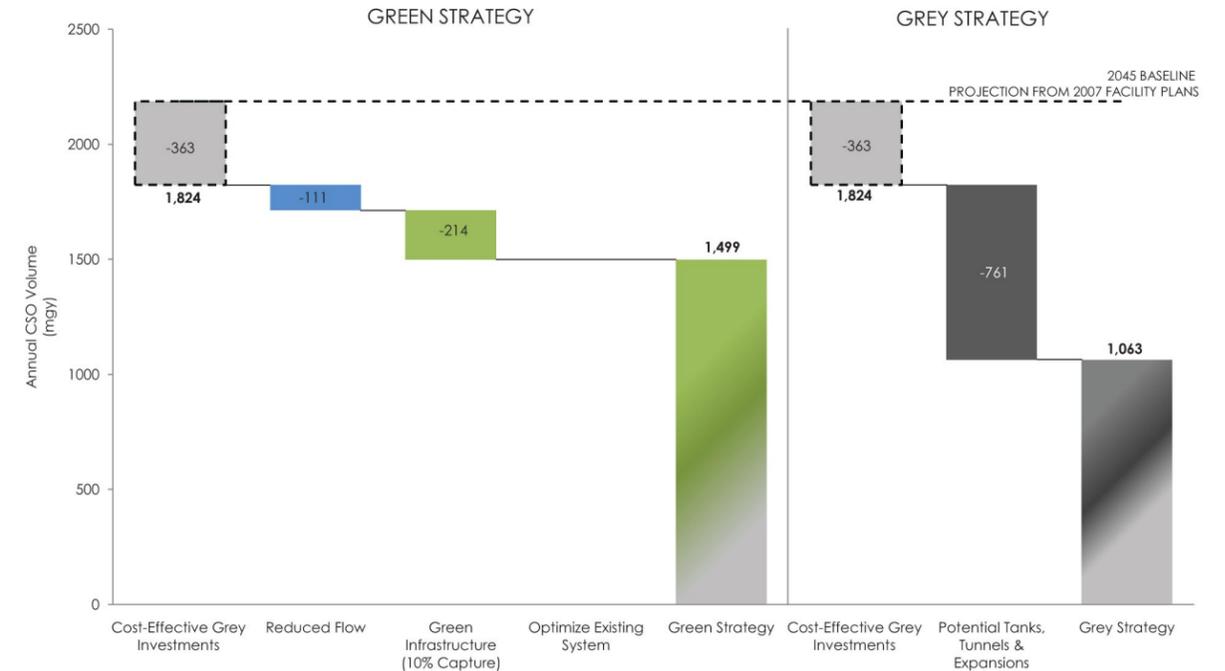
Opportunities in Combined Sewer Contributory Area	Acres	% of Watershed
New development/redevelopment	258	6%
Vacant lots	48	1%
Right-of-way	1,335	30%
Planned ROW Projects	64	1%
Other streets	871	19%
Other sidewalks	400	9%
Multi-family residential complexes	115	3%
Commercial development with parking lots	22	0.5%
Schools	67	2%
Parks	61	1%
Other public properties	65	1%
TOTAL	1,973	44%

Wastewater Treatment Plant(s): **Bowery Bay and Tallman Island**
 NYSDEC Classification(s): **Class I – Secondary Contact, Boating and Fishing**
 Ecological Classification(s): **Special Natural Waterfront Area (DCP)**
 Existing Water Uses: **Commercial and Municipal Barge Traffic, Recreational Boating**
 Shoreline Uses: **Commercial, Industrial, Institutional, Municipal, Recreational, Parkland and Open Space**
 Borough(s): **Queens**
 Community District(s): **4 & 6**



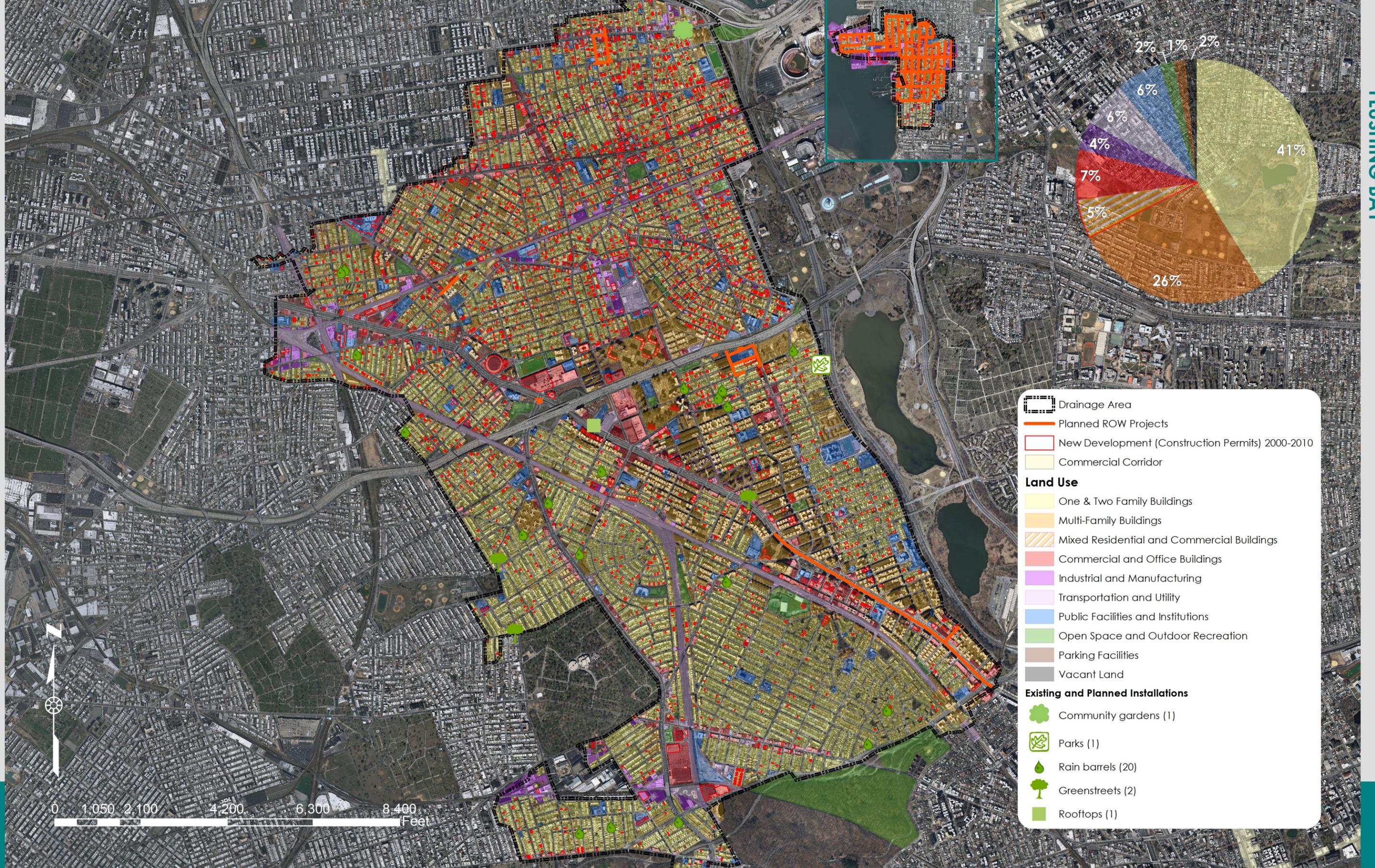
GREEN INFRASTRUCTURE PLAN

PERFORMANCE AND COSTS



	CSO Volume Reduction (MG/yr)	Capital Cost (\$M)	Capital Cost per Gallon
Cost-Effective Grey Infrastructure Investments—Regulator Modifications	363	\$5	\$0.01
PLUS Reduced Flow	111	-	-
PLUS Green Infrastructure (10% Capture)	214	\$216	\$1.01
PLUS Tide Gate Repair and Interceptor Cleaning	NA	NA	NA
Green Strategy Total	688	\$221	\$0.32
Cost-Effective Grey Infrastructure Investments	363	\$5	\$0.01
PLUS Potential Tanks, Tunnels & Expansions—Flushing Bay CSO Tunnel	761	\$800	\$1.05
Grey Strategy Total	1,124	\$805	\$0.72

GREEN INFRASTRUCTURE PLAN



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

- Community gardens (1)
- Parks (1)
- Rain barrels (20)
- Greenstreets (2)
- Rooftops (1)

