

GOWANUS CANAL

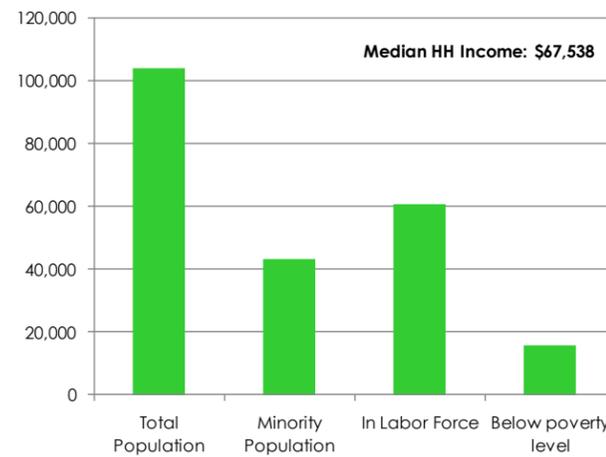
Total Watershed Drainage Area: **1,758 acres**
 Combined Sewer Contributory Area: **1,524 acres**
 Combined Sewer Contributory Impervious Area: **1,387 acres**
 Opportunity Area for Source Controls: **888 acres**

The goal is to manage stormwater from **10%** of the impervious surfaces in the combined sewer contributory area. There are opportunities in **61%** of the combined sewer contributory area.

Opportunities in Combined Sewer Contributory Area	Acres	% of Watershed
New development/redevelopment	100	7%
Vacant lots	32	2%
Right-of-way	449	31%
Planned ROW Projects	0.1	0.004%
Commercial corridors	12	1%
Other streets	285	19%
Other sidewalks	152	10%
Multi-family residential complexes	19	1%
Commercial development with parking lots	22	2%
Schools	28	2%
Parks	24	2%
Other public properties	213	15%
TOTAL	888	61%

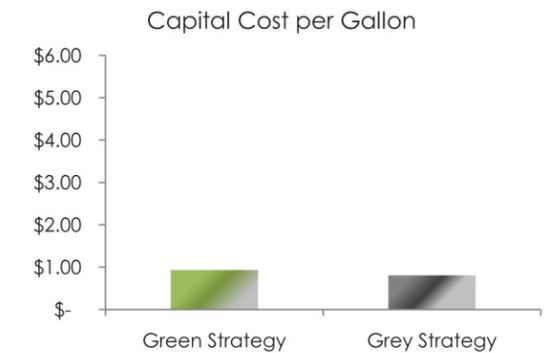
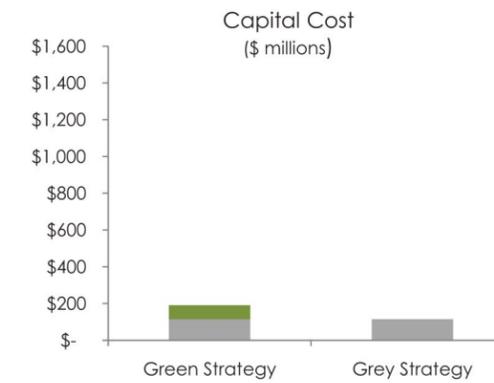
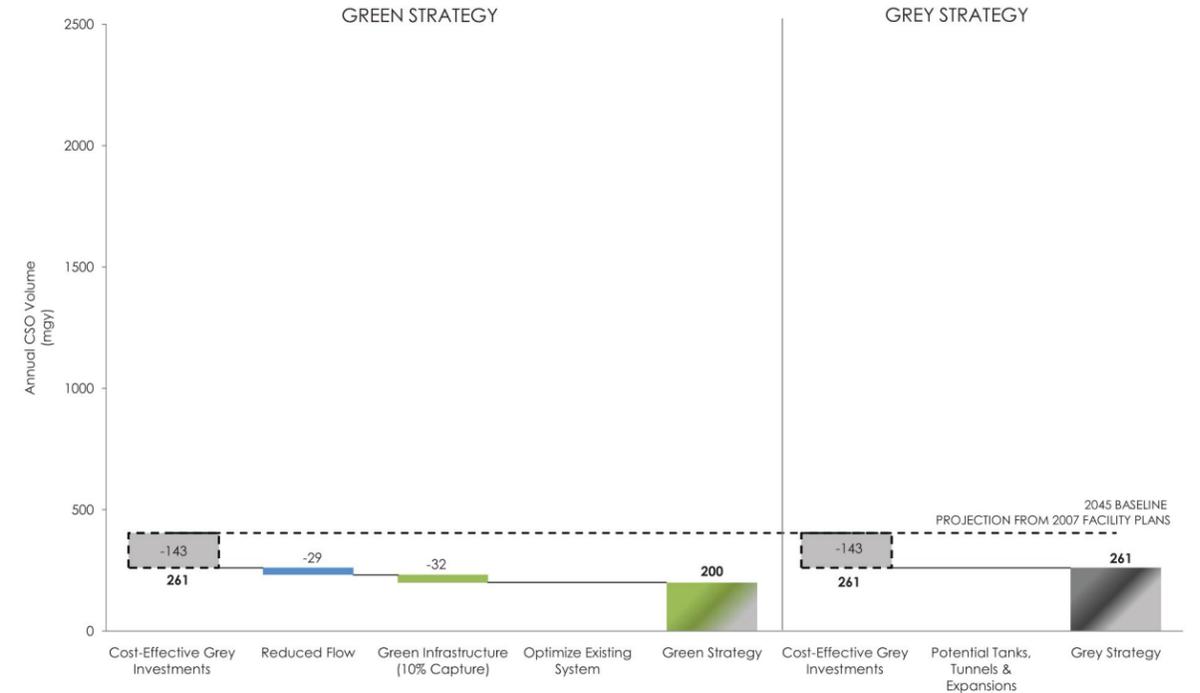
Wastewater Treatment Plant(s): **Red Hook and Owls Head**
 NYSDEC Classification(s): **Class SD – Fish Survival**
 Ecological Classification(s): **No Designation**
 Existing Water Uses: **Commercial Shipping and Barging, Recreational Boating**
 Shoreline Uses: **Commercial, Industrial, Municipal, Parkland and Open Space**

Borough(s): **Brooklyn**
 Community District(s): **6**



GREEN INFRASTRUCTURE PLAN

PERFORMANCE AND COSTS



	CSO Volume Reduction (MG/yr)	Capital Cost (\$M)	Capital Cost per Gallon
Cost-Effective Grey Infrastructure Investments—Gowanus Pump Station Upgrade	143	\$115	\$0.81
PLUS Reduced Flow	29	-	-
PLUS Green Infrastructure (10% Capture)	32	\$75	\$2.33
PLUS Tide Gate Repair and Interceptor Cleaning	NA	NA	NA
Green Strategy Total	204	\$190	\$0.93
Cost-Effective Grey Infrastructure Investments	143	\$115	\$0.81
PLUS Potential Tanks, Tunnels & Expansions	NA	NA	NA
Grey Strategy Total	143	\$115	\$0.81

GREEN INFRASTRUCTURE PLAN

