

ALLEY CREEK

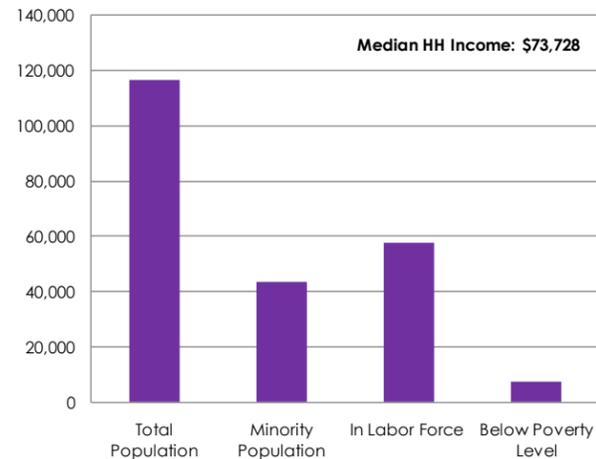
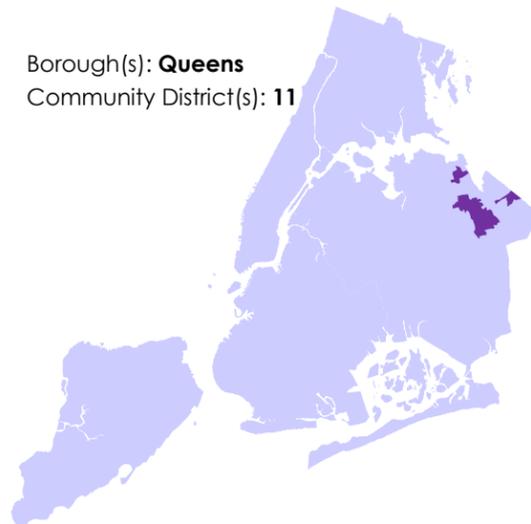
Total Watershed Drainage Area: **4,879 acres**
 Combined Sewer Contributory Area: **2,292 acres**
 Combined Sewer Contributory Impervious Area: **1,490 acres**
 Opportunity Area for Source Controls: **1,230 acres**

The goal is to manage stormwater from **10%** of the impervious surfaces in the combined sewer contributory area. There are opportunities in **53%** of the combined sewer contributory area.

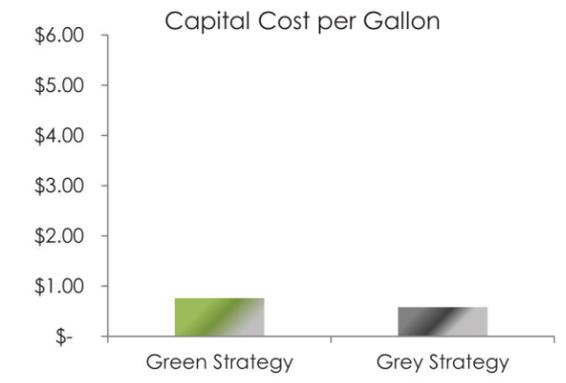
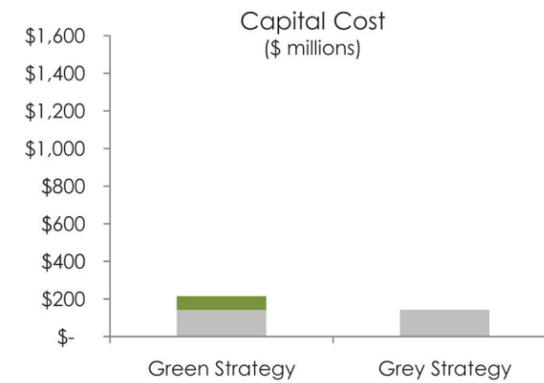
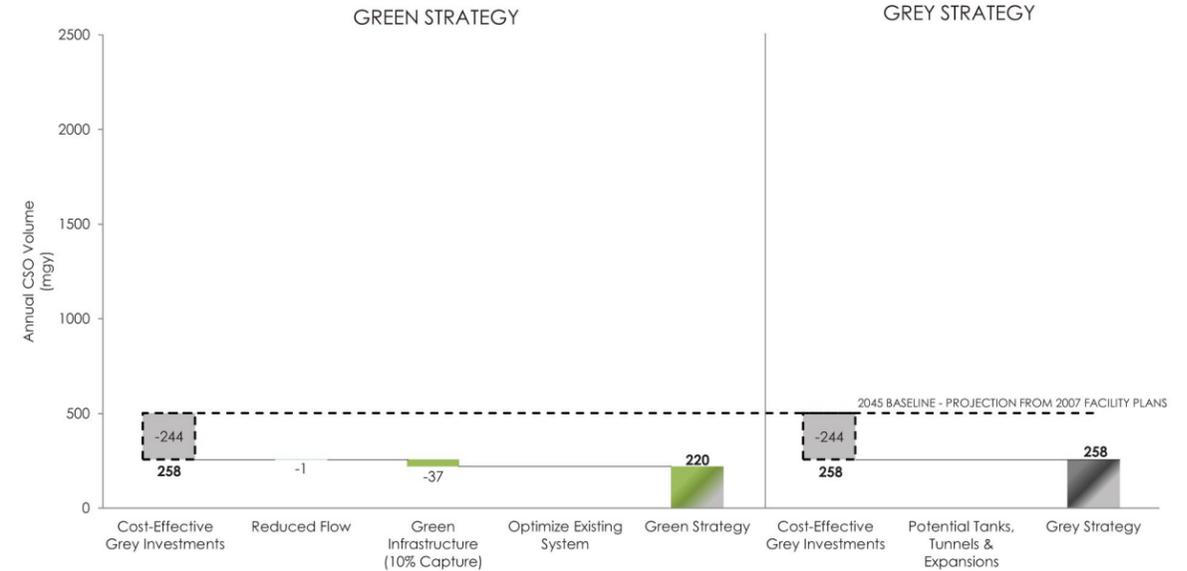
Opportunities in Combined Sewer Contributory Area	Acres	% of Watershed
New development/redevelopment	102	4%
Vacant lots	9	0.4%
Right-of-way	569	24%
Planned ROW Projects	17	1%
Other streets	402	17%
Other sidewalks	151	6%
Multi-family residential complexes	105	4%
Commercial development with parking lots	40	2%
Schools	76	3%
Parks	327	14%
Other public properties	2	0.1%
TOTAL	1,230	53%

Wastewater Treatment Plant(s): **Tallman Island**
 NYSDEC Classification(s): **Class I & SB – Primary and Secondary Contact, Bathing and Fishing**
 Ecological Classification(s): **Special Natural Waterfront Area (DCP)**
 Significant Coastal Fish & Wildlife Habitats: **Recreational Boating and Fishing**
 Existing Water Uses: Shoreline Uses: **Residential, Recreational, Parkland and Open Space**

Borough(s): **Queens**
 Community District(s): **11**



PERFORMANCE AND COSTS



	CSO Volume Reduction (MG/yr)	Capital Cost (\$M)	Capital Cost per Gallon
Cost-Effective Grey Infrastructure Investments —Outfall & Sewer System Improvements, CSO Facility	244	\$142	\$0.58
PLUS Reduced Flow	1	-	-
PLUS Green Infrastructure (10% Capture)	37	\$72	\$1.96
PLUS Tide Gate Repair and Interceptor Cleaning	NA	NA	NA
Green Strategy Total	282	\$214	\$0.76
Cost-Effective Grey Infrastructure Investments	244	\$142	\$0.58
PLUS Potential Tanks, Tunnels & Expansions	NA	NA	NA
Grey Strategy Total	244	\$142	\$0.58



Drainage Area

Planned ROW Projects

New Development (Construction Permits) 2000-2010

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 (8)