

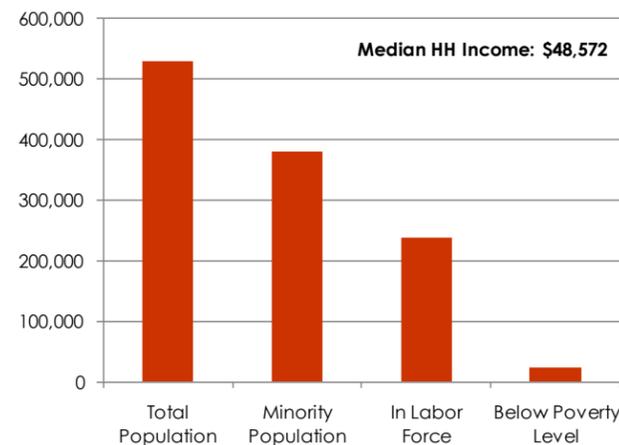
# PAERDEGAT BASIN

Total Watershed Drainage Area: **6,824 acres**  
 Combined Sewer Contributory Area: **5,192 acres**  
 Combined Sewer Contributory Impervious Area: **4,725 acres**  
 Opportunity Area for Source Controls: **2,037 acres**

The goal is to manage stormwater from **10%** of the impervious surfaces in the combined sewer contributory area. There are opportunities in **43%** of the combined sewer contributory area.

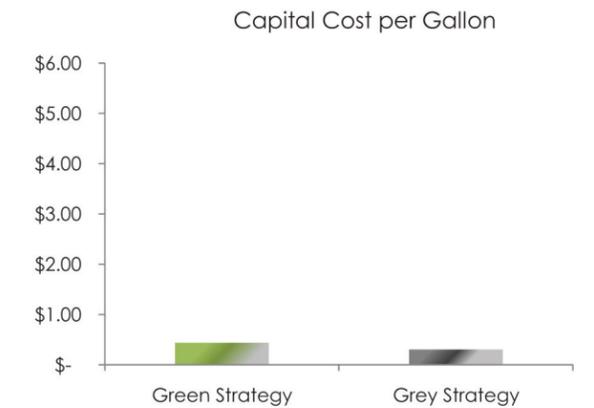
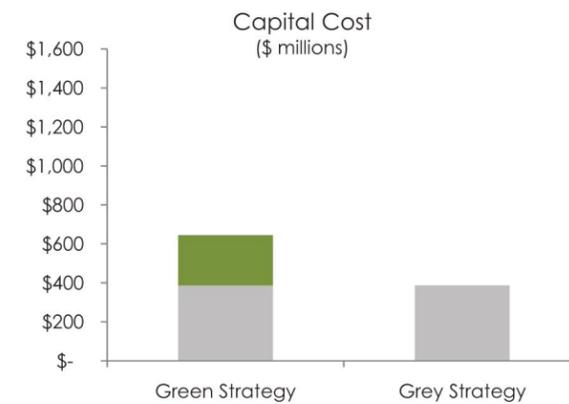
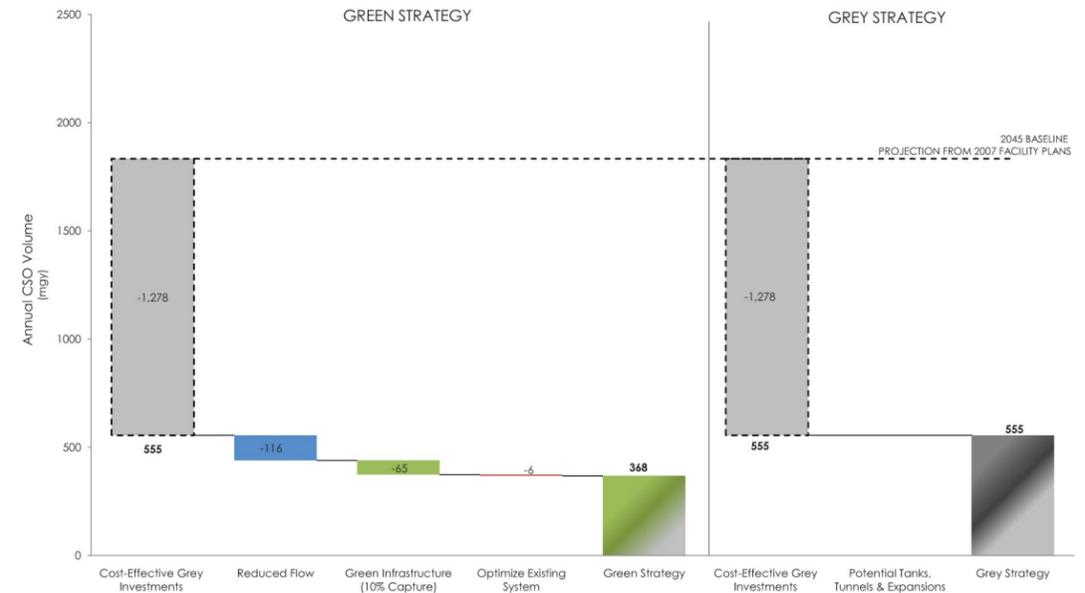
Opportunities in Combined Sewer Contributory Area	Acres	% of Watershed
New development/redevelopment	177	4%
Vacant lots	49	1%
Right-of-way	1,495	31%
Planned ROW Projects	16	0.3%
Commercial corridors	4	0.1%
Other streets	1,016	21%
Other sidewalks	459	10%
Multi-family residential complexes	63	1%
Commercial development with parking lots	6	0.1%
Schools	115	2%
Parks	61	1%
Other public properties	69	1%
<b>TOTAL</b>	<b>2,037</b>	<b>43%</b>

Wastewater Treatment Plant(s): **Coney Island**  
 NYSDEC Classification(s): **Class I – Secondary Contact, Boating and Fishing**  
 Ecological Classification(s): **Special Natural Waterfront Area (DCP)**  
 Existing Water Uses: **Recreational Boating and Fishing**  
 Shoreline Uses: **Commercial, Municipal, Recreational, Parkland and Open Space**  
 Borough(s): **Brooklyn**  
 Community District(s): **14, 17 & 18**



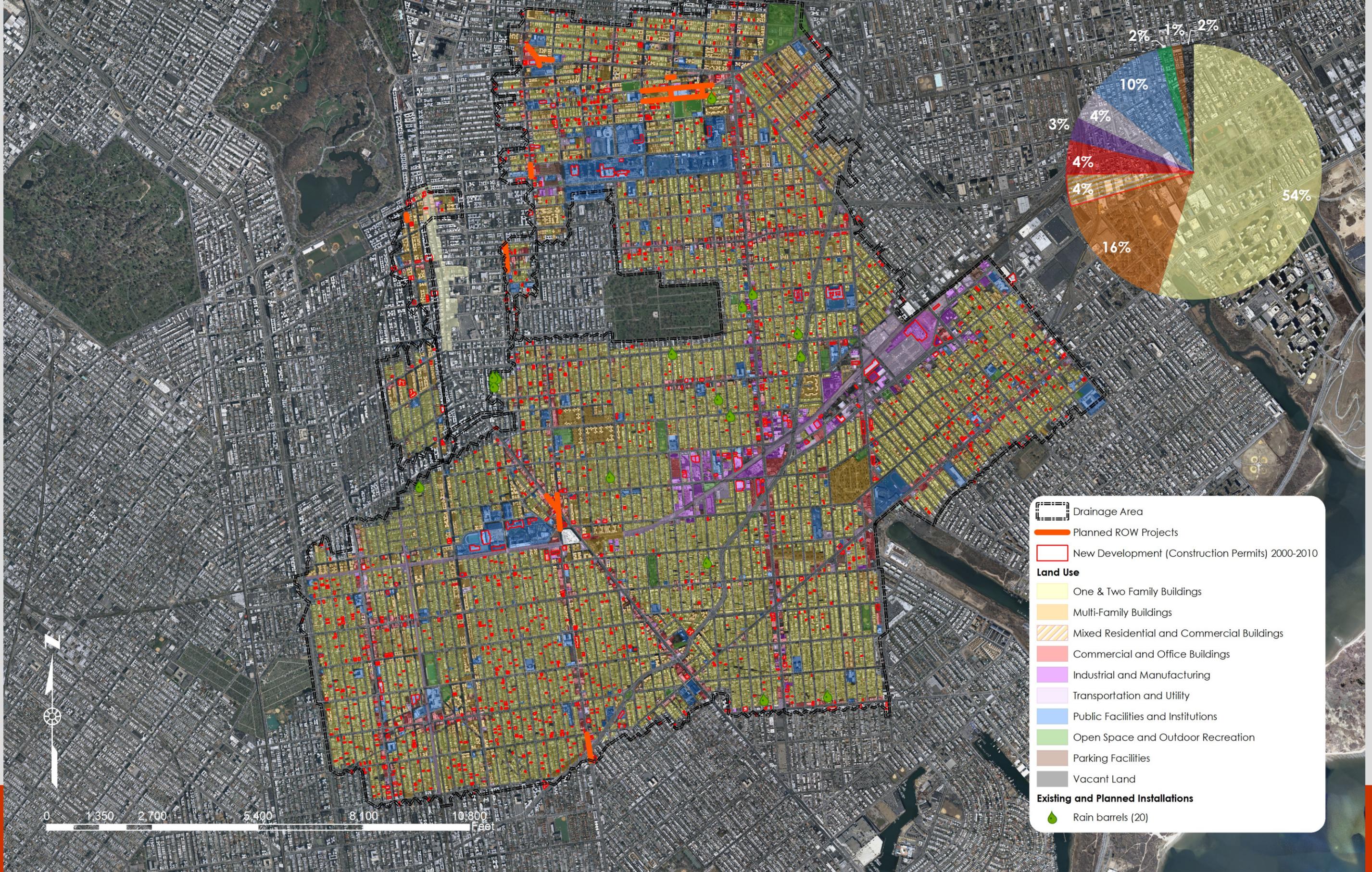
## GREEN INFRASTRUCTURE PLAN

# PERFORMANCE AND COSTS



	CSO Volume Reduction (MG/yr)	Capital Cost (\$M)	Capital Cost per Gallon
Cost-Effective Grey Infrastructure Investments—CSO Facility	1,278	\$387	\$0.30
PLUS Reduced Flow	116	-	-
PLUS Green Infrastructure (10% Capture)	65	\$256	\$3.94
PLUS Tide Gate Repair and Interceptor Cleaning	6	\$0.03	\$0.01
<b>Green Strategy Total</b>	<b>1,465</b>	<b>\$643</b>	<b>\$0.44</b>
Cost-Effective Grey Infrastructure Investments	1,278	\$387	\$0.30
PLUS Potential Tanks, Tunnels & Expansions	NA	NA	NA
<b>Grey Strategy Total</b>	<b>1,278</b>	<b>\$387</b>	<b>\$0.30</b>

## GREEN INFRASTRUCTURE PLAN



**Legend**

- 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 (20)