

Jamaica Bay & Tributaries

Improving Water Quality through
Reducing Impacts of Combined Sewer Overflows*

EXISTING PROJECTS

1. 26th Ward WWTP Drainage Area Sewer Cleaning
2. Hendrix Creek Canal Dredging
3. Spring Creek Auxiliary WWTP Upgrade
4. Warnerville Pumping Station and Force Main
5. Shellbank Destratification
6. Bending Weirs
7. New Parallel Sewer West Interceptor
8. Bergen Basin Lateral Sewer
9. 26th Ward WWTP Wet Weather Stabilization
10. 26th Ward High Level Storm Sewers

COST

\$706M

STATUS

- Completed in 2010
- Completed in 2012
- In Operation since 2007
- In Operation since 2009
- In Operation since 2012
- In Operation since 2017
- Construction Completed in 2016
- Ongoing Construction
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On July 2, 2018, the City submitted a Long Term Control Plan (The Plan) for Jamaica Bay to the New York State Department of Environmental Conservation (DEC). Throughout The Plan's development, the City collected water quality data, performed extensive modeling, held multiple public meetings and analyzed potential solutions based on costs and anticipated water quality benefits. To review this analysis and data visit www.nyc.gov/dep/ltcp.

GREEN INFRASTRUCTURE

Continue to implement Green
Infrastructure Program

ELEMENTS OF THE PLAN

-  **50 acres**
Wetland Restoration
-  **7 acres**
Ribbed Mussel Biofiltration
-  **50,000 cubic yards**
Environmental Dredging
-  **379 acres**
Green Infrastructure Expansion

COST

Probable Bid Cost:

\$310M

Total Escalated Cost⁽¹⁾:

\$579M

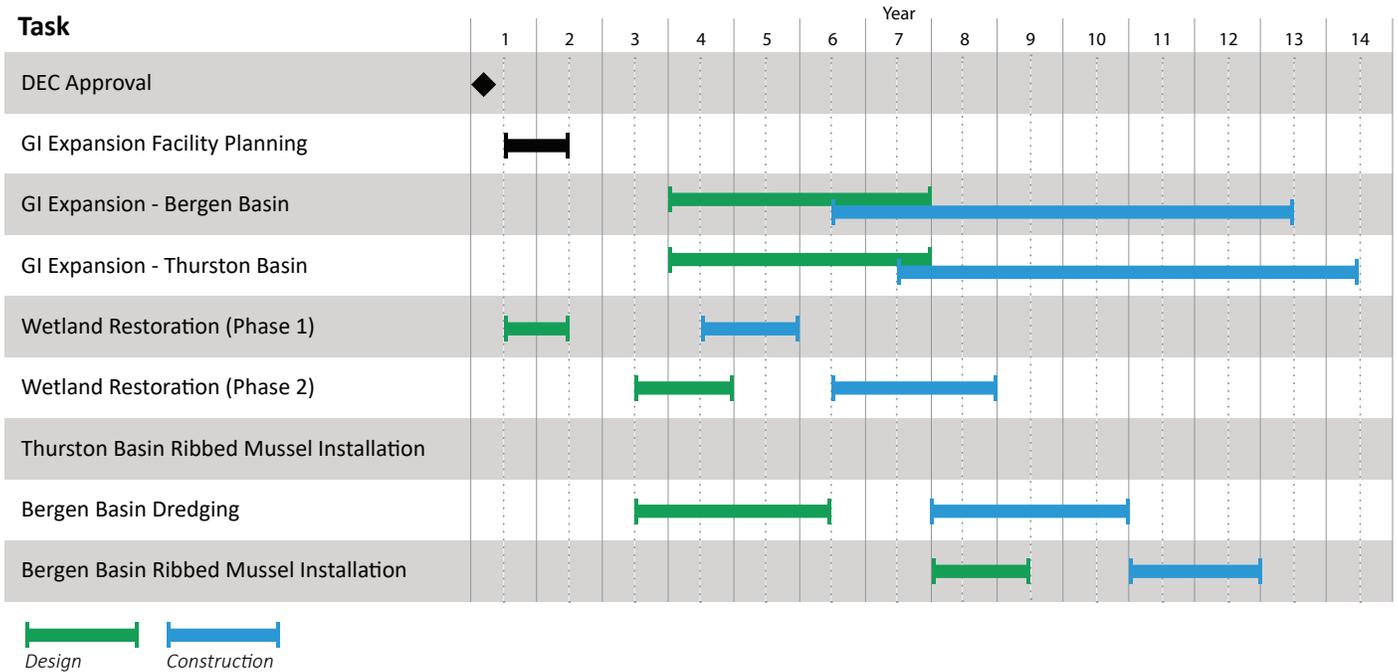
NOTES:

(1) Includes Design, Design Services during Construction, Construction, and Construction Management Costs, escalated per the implementation schedule.

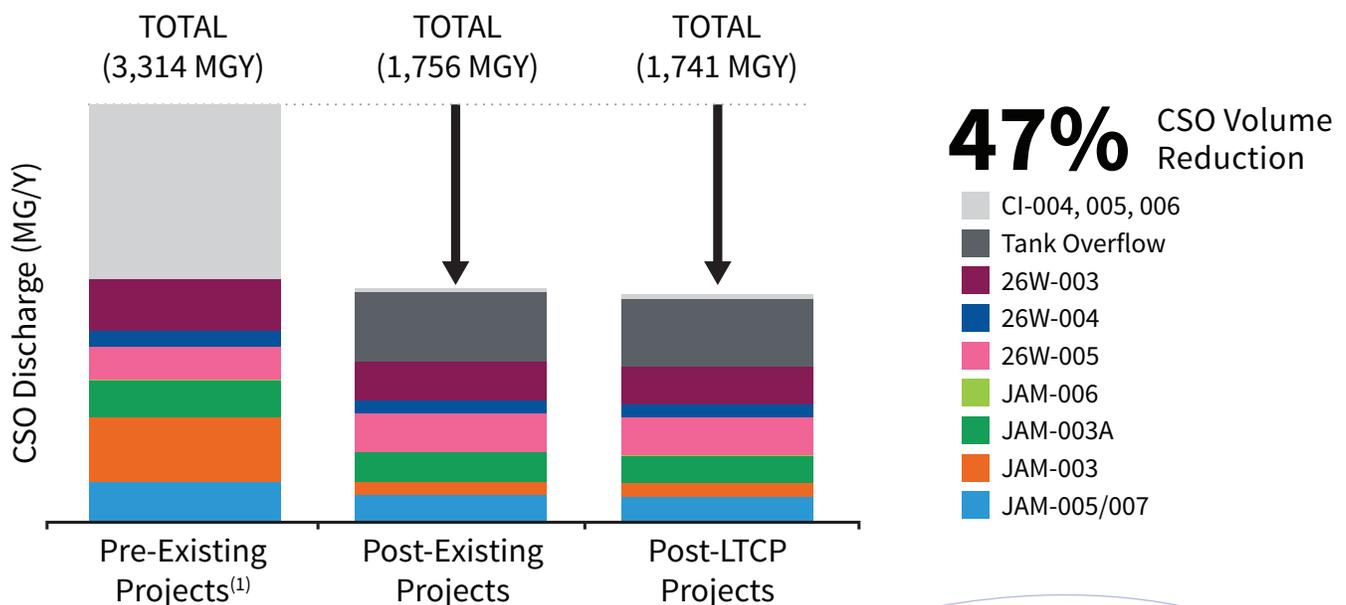


* **Combined Sewer Overflow (CSO):** When the sewer system is at full capacity, a diluted mixture of rain water and sewage may be released into local waterways. This is called a combined sewer overflow (CSO).

RECOMMENDED SCHEDULE



BENEFITS TO JAMAICA BAY & TRIBUTARIES



(1) Pre-Existing Project CSO volumes reflect conditions without Waterbody Watershed Facility Plan (WWFP) Projects, Green Infrastructure and other sewer improvements.

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