**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 Deestratification
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
Ongoing Construction
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.

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**GREEN INFRASTRUCTURE**

Continue to implement Green Infrastructure Program

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**ELEMENTS OF THE PLAN**

<table>
<thead>
<tr>
<th>50 acres</th>
<th>7 acres</th>
<th>50,000 cubic yards</th>
<th>379 acres</th>
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<tbody>
<tr>
<td>Wetland Restoration</td>
<td>Ribbed Mussel Biofiltration</td>
<td>Environmental Dredging</td>
<td>Green Infrastructure Expansion</td>
</tr>
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**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.

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*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**

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<th>Task</th>
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**BENEFITS TO JAMAICA BAY & TRIBUTARIES**

![Graph showing CSO discharge reduction](image)

1 2 3 4 5 6 7 Year 8 9 10 11 12 13 14

**CSO Volume Reduction**

47%

**TOTAL (3,314 MGY)**

**TOTAL (1,756 MGY)**

**TOTAL (1,741 MGY)**

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

*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).