

Alley Creek & Little Neck Bay

Improving Water Quality through
Reducing Impacts of Combined Sewer Overflows*

EXISTING PROJECTS

1. CSO Storage Facility
2. Outfall and Sewer System Improvements

COST

\$139M

STATUS

In Operation since 2011

In Operation since 2006



CSO Storage Facility

**GREEN
INFRASTRUCTURE**

Continue to implement Green Infrastructure Program



On June 30, 2014, the City submitted a Long Term Control Plan (The Plan) for Alley Creek and Little Neck Bay followed by Supplemental Documentation to The Plan submitted on May 6, 2015 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. DEC approved the City's recommended plan on March 7, 2017.

ELEMENTS OF THE PLAN

Disinfection Facility (chlorination and dechlorination)



COST

Probable Bid Cost:

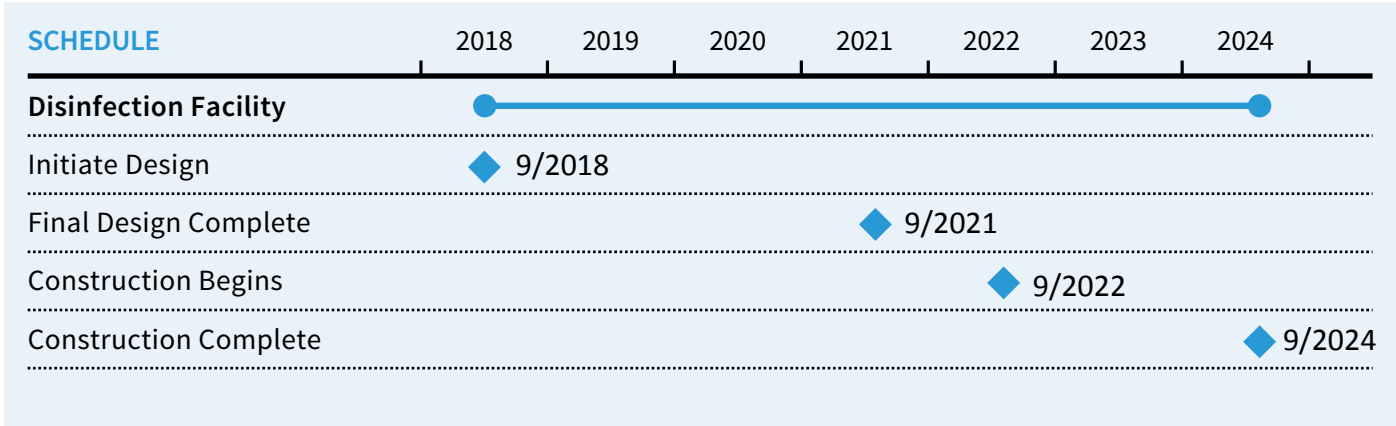
\$7.6M

Total Escalated Cost⁽¹⁾:

\$12M

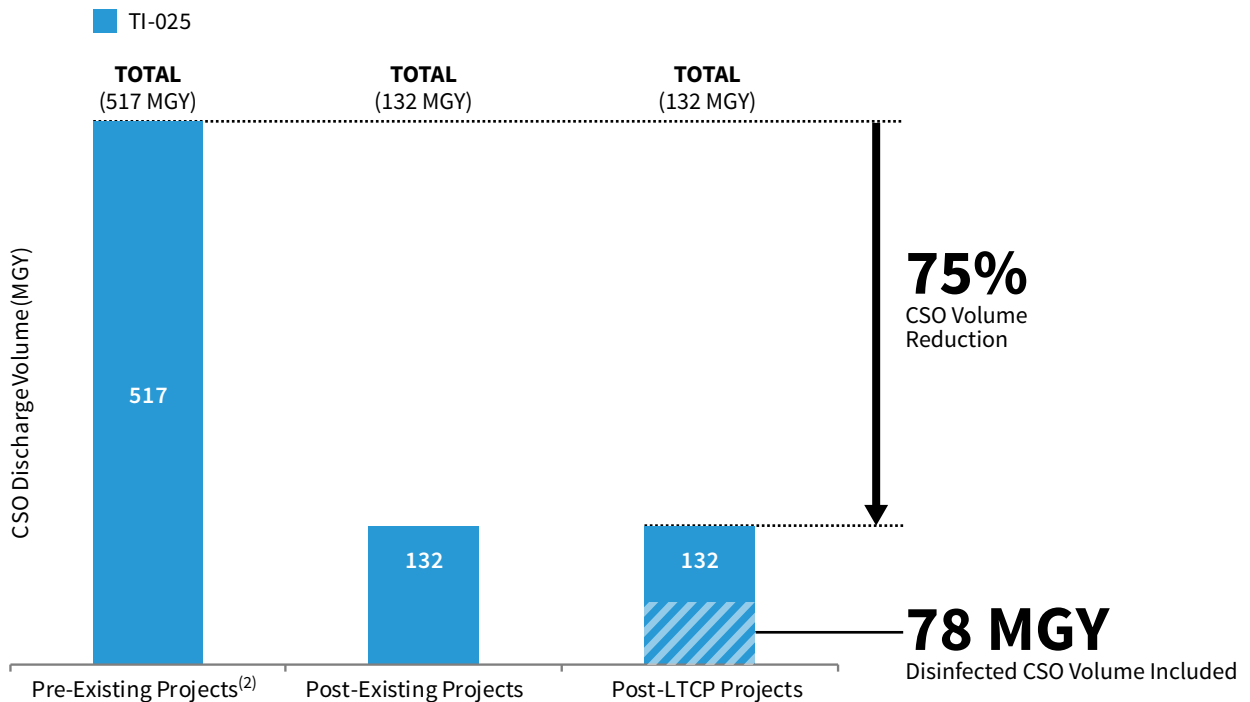
(1) Includes Design, DSDC, Construction, and CM

* **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).



While the existing projects in Alley Creek and Little Neck Bay successfully reduced CSO Volume by 75% the approved plan focuses on reducing bacteria in Alley Creek during the recreational season.

BENEFITS TO ALLEY CREEK & LITTLE NECK BAY



⁽²⁾ Pre-Existing Project CSO volumes reflect conditions without Waterbody Watershed Facility Plan (WWFP) Projects, Green Infrastructure and other sewer improvements