

## **Flushing Creek**

Improving Water Quality through Reducing Impacts of Combined Sewer Overflows\*

#### **EXISTING PROJECTS**

**COST** 

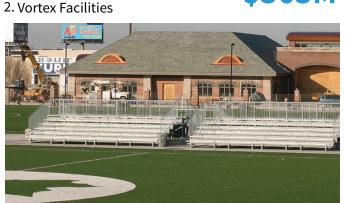
**STATUS** 

1. CSO Storage Facility

\$363M

**Operational since 2007** 

**Completed Full Scale Demonstration** 



CSO Storage Facility

# GREEN INFRASTRUCTURE

Continue to implement Green Infrastructure Program

On December 30, 2014, the City submitted a Long Term Control Plan (The Plan) for Flushing Creek followed by Supplemental Documentation to The Plan submitted on May 22, 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**

Seasonal Disinfection at CSO Retention Tank and CSO Outfall TI-011



#### COST

Probable Bid Cost:

\$56M

Total Escalated Cost(1):

\$92M

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



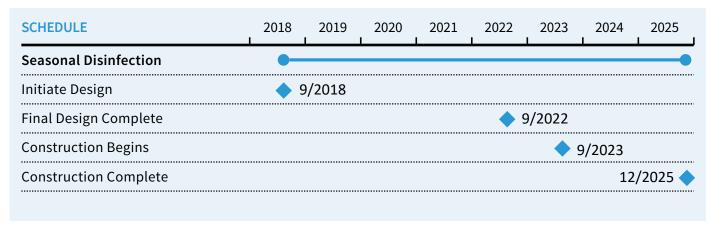
<sup>\*</sup> Combined Sewer Overflow (CSO): When the sewer system is at full capacity, a diluted mixture of rain water and sewage may be released into local waterways.

This is called a combined sewer overflow (CSO).



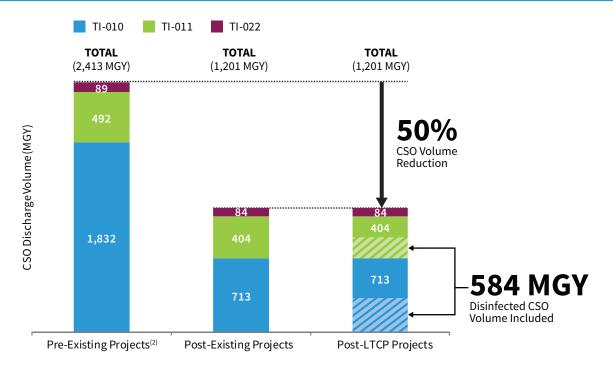
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While the existing projects in Flushing Creek successfully reduced CSO Volume by 50% the approved plan focuses on reducing bacteria in Flushing Creek during the recreational season.

## BENEFITS TO FLUSHING CREEK



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