

**APPENDIX A
DEC Case No. CO2-20000107-8**

I. Alley Creek CSO	Milestone Date	Revised/New Milestone Dates
B. Alley Creek CSO Retention Facility Disinfection System¹		
1. Initiate Final Design	September 2018 (Completed)	
2. Design Completion	March 2026	
3. Notice to Proceed to Construction	March 2027	
4. Construction Completion	March 2029	
C. Wetlands Monitoring and Design		
1. Submit Literature Review	November 2022 (Completed)	
2. Start Wetland Monitoring	July 2023	
3. Submit Wetlands Monitoring Progress Report	February 2024	
4. Submit Approvable Wetlands Basis of Design Report ²	November 2024	April 2025
5. Submit Wetlands Monitoring Final Report	February 2025	March 2025
D. Oakland Ravine Daylighting and Stormwater Diversion Technical Feasibility Study³		
1. Start Technical Feasibility Study	November 2022 (Completed)	
2. Submit Approvable Technical Feasibility Study	November 2024	

1. Milestones I.B.2, I.B.3 and I.B.4 may be subject to modification based on approval of I.C.4 and I.D.2 by the Department.
2. The Basis of Design Report shall be approvable as specified in NYCRR Section 750-1.2(8) and include proposed dates for the design completion, construction start, and construction, completion of engineered wetlands.
3. The Technical Feasibility Study shall be approvable as specified in NYCRR Section 750-1.2(8) and include an evaluation of technical alternatives for the diversion of stormwater from separately sewered areas in Alley Creek watershed basin to identify a cost-effective alternative to achieve up to 100% diversion of stormwater from the CSO storage tank with the potential discharge directly to Alley Creek or Oakland Ravine/Lake as well as other locations. Prior to start of the Technical Feasibility Study, the City provided the Department an opportunity to review and comment on the scope of work for the Technical Feasibility Study.

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II. Inner Harbor CSO	Milestone Date	Revised/New Milestone Dates
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B. Submit SPDES 2A Permit Applications for Gowanus Canal CSO Storage Tanks

Concurrent with final design submittal to US
EPA

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III. Outer Harbor	Milestone Date	Revised/New Milestone Dates
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IV. Paerdegat Basin CSO	Milestone Date	Revised/New Milestone Dates
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V. Flushing Bay CSO	Milestone Date	Revised/New Milestone Dates
A. Tallman Island WWTP and associated sewer system are capable of delivering, accepting and treating influent at or above twice the WWTP's design flow during any storm event		
6. Initiate Final Design - Flushing Interceptor	TBD	
7. Final Design Completion Including CPM Analysis - Flushing Interceptor	TBD	
8. Notice to Proceed to Construction - Flushing Interceptor	TBD	
9. Construction Completion - Flushing Interceptor	TBD	
F. Floatables Control Regulator TI-R09		
1. Initiate Final Design	March 1, 2019	split project scope
2. Design Completion	September 2022*	
3. Notice to Proceed to Construction	September 2023*	
4. Construction Completion	December 2025*	
G. Flushing Bay 25 MG CSO Storage Tunnel		
1. Initiate Design	July 31, 2022 (Completed)	
2. Submit Approvable ¹ Engineering Design Report	December 31, 2023	March 28, 2024
3. Submit Rikers Island Feasibility Study	December 31, 2023	March 28, 2024
4. Submit Decision Matrix for Use of Rikers Island for Construction of New WRRF	December 31, 2023	
5. Provide Final Decision For Use of Rikers Island for Construction of New WRRF	December 31, 2024	
6. Design Completion	June 2025**	
7. Notice to Proceed to Construction	July 2026**	
8. Construction Completion	June 2035**	
H. TI-010 Disinfection at Flushing Creek CSO Retention Facility and Diversion Chamber 5 and TI-011 Outfall Disinfection at Regulator TI-R09		
1. Initiate Final Design		March 1, 2019
2. Design Completion ²		August 2025
3. Notice to Proceed to Construction		November 2026
4. Construction Completion		December 2029
I. Flushing Creek Supplemental Project		
1. Complete Flushing Creek CSO Retention Facility Enhancement Study and Submit Approvable Final Report ³		3 years from effective date of approval of Order (November 2027)
* Milestone dates maybe subject to revision by the Department based on additional facility planning		
** Milestone dates may be subject to revision by the Department upon its approval of the Engineering Design Report (Item V.G.2)		
1. The definition of "approvable" shall be the same as specified in NYCRR Section 750-1.2(8).		
2. NYCDEP shall provide the Department with updates on completion of the final design during quarterly progress meetings.		new footnote
3. The Final Report shall be approvable as specified in NYCRR Section 750-1.2(8) and shall include recommendations for enhancement projects along with estimated costs and proposed schedules.		new footnote

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VI. Jamaica Tributaries CSO	Milestone Date	Revised/New Milestone Dates
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VII. Coney Island Creek CSO	Milestone Date	Revised/New Milestone Dates
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VIII. Newtown Creek CSO	Milestone Date	Revised/New Milestone Dates
E. Borden Avenue Pump Station Expansion		Delete
1. Initiate Final Design	July 2021	Delete
2. Final Design Completion Including CPM Analysis	December 2024*	Delete
3. Notice to Proceed to Construction	September 2025*	Delete
4. Construction Completion	September 2029*	Delete
F. 62.5% CSO Storage Tunnel		Delete
1. Initiate Final Design	August 2022	Delete
2. Final Design Completion Including CPM Analysis	December 2028*	Delete
3. Notice to Proceed to Construction	December 2029*	Delete
4. Construction Completion	December 2040*	Delete
G. 54-Inch Gravity Interceptor and Diversion ⁽¹⁾		
1. Initiate Final Design		Completed
2. Final Design Completion Including CPM Analysis		September 2027
3. Notice to Proceed to Construction		June 2028
4. Construction Completion		December 2031
H. 50 MG CSO Storage Tunnel (BB-026, NC-015, NC-077, and NC-083)		
1. Initiate Final Design		Completed
2. Final Design Completion Including CPM Analysis		December 2028
3. Notice to Proceed to Construction		December 2029
4. Construction Completion		December 2040

* Milestone dates maybe subject to revision by the Department based on additional facility planning

1. The New York City Department of Design and Construction has informed DEP that additional time may be needed to complete designs due to ULURP being required to acquire property at the BB-026 site to construct diversion structure for both the existing project and proposed modification

new footnote

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IX. Westchester Creek	Milestone Date	Revised/New Milestone Dates
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X. Bronx River CSO	Milestone Date	Revised/New Milestone Dates
B. Bronx River Hydraulic Relief at HP-007 and HP-009, Bending Weir and Baffle at HP-011 1. Initiate Final Design 2. Design Completion 3. Notice to Proceed to Construction 4. Construction Completion	September 2018 January 30, 2023 September 2023* September 2026*	Project scope change
C. Quantification of Loadings & Sources of Non-Attainment in Freshwater Portion of Bronx River 1. Submit Approvable Bronx River Sampling Plan ⁽¹⁾ 2. Initiate Bronx River Sampling Program ⁽²⁾ 3. Final Report with Conclusions & Recommendations ⁽³⁾		May 2024 Within 1 Month of DEC Approval of Sampling Plan (June 29, 2024) 18 Months after Initiation of Sampling Program (December 29, 2025)

* Milestone dates maybe subject to revision by the Department based on additional facility planning

1. Sampling Plan will consist of stormwater flow monitoring, stormwater sampling, and ambient water quality sampling.
2. DEP will submit validated sampling data to DEC as it becomes available.
3. DEP will submit a final report with findings from sampling program and an evaluation of potential viable corrective actions, if any, for consideration

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XI. Hutchinson River CSO	Milestone Date	Revised/New Milestone Dates
D. 2.8 MG Storage Conduit with Floatables Control		
1. Initiate Final Design	September 2018 (Completed)	
2. Design Completion	March 2027	
3. Notice to Proceed to Construction	August 2028	
4. Construction Completion	July 2033	

* Milestone dates maybe subject to revision by the Department based on additional facility planning

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XII. Jamaica Bay CSO	Milestone Date	Revised/New Milestone Dates
A. Rockaway WRRF CSO Outfall Closure, I&I Study and Updated WWOP		
1. Submit Updated WWOP for Rockaway WWTP	May 25, 2024	
2. Permanently Seal Tide Gate Chambers Connected to Active Stormwater Outfalls	May 25, 2024 (completed)	
3. Submit Results from 2020 Rockaway I&I Study For Information Only	May 25, 2025	
E. Dredging of Bergen Basin		
1. Initiate Final Design	July 2025	
2. Design Completion	January 2027	
3. Notice to Proceed to Construction	July 2028	
4. Construction Completion	January 2031	
F. Installation of Ribbed Mussels in Bergen Basin and Thurston Basin		
1. Thurston Basin		
a. Initiate Final Design	January 2025	
b. Final Design Completion with CPM Analysis	January 2027	
c. Notice to Proceed to Construction	July 2028	
d. Submit Approvable Maintenance Plan	January 2031	
e. Construction Completion	July 2031	
2. Bergen Basin		
a. Initiate Final Design	July 2029	
b. Final Design Completion with CPM Analysis	July 2031	
c. Notice to Proceed to Construction	January 2033	
d. Submit Approvable Maintenance Plan	July 2035	
e. Construction Completion	January 2036	
G. Jamaica Bay and Tributaries Wetlands and Marsh Island Restoration		
1. Construction Completion ¹ of 25 Equivalent Acres of Wetlands Restoration Projects funded by DEP		December 2030 ²
2. Submit Interim Review and Approvable Contingency Plan ³		June 2036
3. Construction Completion ⁴ of 50 Equivalent Acres of Wetlands Restoration Projects funded by DEP		December 2040

1. Construction Completion for this milestone shall be determined by the Wetlands Restoration Projects that have been constructed, are currently under construction or will be constructed under a contract that has been issued a notice to proceed to construction (or USACE equivalent).
2. An Approvable Contingency Plan shall be submitted by the City by June 2031 if Appendix A milestone XII.G.1 is not met. The Contingency Plan shall include a schedule for completion of Wetlands Restoration Projects to ensure achievement of Appendix A milestone XII.G.3.
3. An Approvable Contingency Plan shall be submitted by the City if the Interim Review determines that a minimum of 50 equivalent acres of Wetlands Restoration Projects will not be completed by December 2040
4. Construction Completion is defined under the CSO Order, Paragraph III.H.

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XIII. City-Wide LTCP	Milestone Date	Revised/New Milestone Dates
B. Optimization and/or Modification of Regulators for CSO Outfalls NR-040, NR-038, NR-046, RH-005, RH-014, TI-003, TI-023, and OH-015 ¹		
1. Initiate Final Design	July 2025	
2. Design Completion	July 2028	
3. Notice to Proceed to Construction	January 2030	
4. Construction Completion	January 2033	
C. Installation of Hannah Street Pump Station Bypass		
1. Initiate Final Design	July 2025	
2. Design Completion	July 2028	
3. Notice to Proceed to Construction	January 2030	
4. Construction Completion	January 2033	

1. Per the July 2023 LTCP Supplemental Documentation, Table 8.8-1, the optimizations or modifications to be completed shall include: increased orifice sizes for regulators NR-26A, NR-28, and NR-029A, increased orifice size and enlargement of branch interceptor downstream of regulator TI-10B, bending weir for regulator TI-13, weir modification for regulator RH-20A, weir modification, increased orifice size, and enlarging branch interceptor connection at regulator RH-13, and automated control gate for regulator OH-9C.

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XIV. Citywide Green Infrastructure Program	Milestone Date	Revised/New Milestone Dates
A. Cumulative Citywide CSO Volume Reduction ¹		
1. 668 million gallons per year	December 2025	
2. 700 to 800 million gallons per year	December 2030	
3. 850 to 1,220 million gallons per year	December 2035	
4. 1,670 million gallons per year	December 2040	
B. Tibbetts Brook Daylighting		
1. Notice to Proceed to Construction	24 months after the later of: 1) completion of all necessary site acquisition / access for greenway and daylighting or 2) design completion	
2. Construction Completion*	36 months after Notice to Proceed to Construction, but no later than December 2035	

* In the event that the final plantings required by this project would be completed during a non-growing season, the City may request an extension to complete the plantings until the next growing season. Such an extension would apply only to the plantings.

1. CSO volume reductions are based on average rainfall year of 2008