

**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 System <sup>1</sup>   |                            |                             |
| 1. Initiate Final Design   | September 2018 (Completed) |                             |
| 2. Design Completion   | March 2022                 | March 2026                  |
| 3. Notice to Proceed to Construction   | September 2022             | March 2027                  |
| 4. Construction Completion   | September 2024             | 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 <sup>2</sup>  |                            | November 2024               |
| 5. Submit Wetlands Monitoring Final Report   |                            | February 2025               |
| D. Oakland Ravine Daylighting and Stormwater Diversion Technical Feasibility Study <sup>3</sup>  |                            |                             |
| 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.  |                            | new footnote                |
| 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.  |                            | new footnote                |
| 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. |                            | new footnote                |

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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 [add] Gowanus Canal CSO Storage Tanks

Concurrent with final design submittal to  
US EPA

clarification on location of tanks

| 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. TI-010 Disinfection at Flushing Creek CSO Retention Tank and Diversion Chamber 5 and TI-011 Outfall Disinfection, Floatables Control at TI-R09 and Diversion Chamber 3     |                  |                             |
| 1. Initiate Final Design  | March 1, 2019    |                             |
| 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  | January 31, 2022 | July 31, 2022 (Completed)   |
| 2. Submit Approvable <sup>1</sup> Engineering Design Report   |                  | December 31, 2023           |
| 3. Submit Rikers Island Feasibility Study   |                  | December 31, 2023           |
| 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**      |                             |

\* 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).

new footnote

new footnote

| 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<br>1. Initiate Final Design<br>2. Final Design Completion Including CPM Analysis<br>3. Notice to Proceed to Construction<br>4. Construction Completion | July 2021<br>December 2024*<br>September 2025*<br>September 2029* |   |
| F. 62.5% CSO Storage Tunnel<br>1. Initiate Final Design<br>2. Final Design Completion Including CPM Analysis<br>3. Notice to Proceed to Construction<br>4. Construction Completion             | June 2025<br>May 2028<br>August 2030<br>June 2042                 | August 2022<br>December 2028*<br>December 2029*<br>December 2040* |

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



| IX. Westchester Creek | Milestone Date | Revised/New Milestone Dates |
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| <b>X. Bronx River CSO</b>   | <b>Milestone Date</b>   | <b>Revised/New Milestone Dates</b> |
|---|---|------------------------------------|
| B. Bronx River Hydraulic Relief at HP-007 and HP-009, Bending Weir and Baffle at HP-011<br>1. Initiate Final Design<br>2. Design Completion<br>3. Notice to Proceed to Construction<br>4. Construction Completion | September 2018<br>September 2022*<br>September 2023*<br>September 2026* | January 30, 2023                   |

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

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| XI. Hutchinson River CSO   | Milestone Date  | Revised/New Milestone Dates |
|--|-----------------|-----------------------------|
| B. Hutchinson River CSO Outfall HP-024 Extension and Floatables Control Facilities |                 |                             |
| 1. Initiate Final Design   | September 2018  | Deleted                     |
| 2. Design Completion   | September 2022* | Deleted                     |
| 3. Notice to Proceed to Construction   | September 2023* | Deleted                     |
| 4. Construction Completion   | March 2026*     | Deleted                     |
| C. Hutchinson River CSO Outfall HP-024 Extension Disinfection                      |                 |                             |
| 1. Initiate Final Design   | September 2022  | Deleted                     |
| 2. Design Completion   | March 2026*     | Deleted                     |
| 3. Notice to Proceed to Construction   | March 2027*     | Deleted                     |
| 4. Construction Completion   | March 2030*     | Deleted                     |
| 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   |                             |
| 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 <sup>1</sup> of 25 Equivalent Acres of Wetlands Restoration Projects funded by DEP   |                | December 2030 <sup>2</sup>  |
| 2. Submit Interim Review and Approvable Contingency Plan <sup>3</sup>   |                | June 2036                   |
| 3. Construction Completion <sup>4</sup> 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). |                | new footnote                |
| 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.              |                | new footnote                |
| 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   |                | new footnote                |
| 4. Construction Completion is defined under the CSO Order, Paragraph III.H.   |                | new footnote                |

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| <b>XIII. City-Wide LTCP</b>  | <b>Milestone Date</b> | <b>Revised/New Milestone Dates</b> |
|--|-----------------------|------------------------------------|
| 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 <sup>1</sup> |                       |                                    |
| 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.

new footnote

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| XIV. Citywide Green Infrastructure Program               | Milestone Date | Revised/New Milestone Dates   |
|--|----------------|---|
| A. Cumulative Citywide CSO Volume Reduction <sup>1</sup> |                |   |
| 1. 668 million gallons per year                          |                | December 2025   |
| 2. 700 to 800 million gallons per year                   |                | December 3030   |
| 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:<br>1) completion of all necessary site acquisition / access for greenway and daylighting or<br>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.

new footnote

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

new footnote