

APPENDIX
BSA Approved CSO LTCP Implementation Schedule

Project Name	Project Milestones/Deadlines
<u>Phase I Projects (see Table 11-11)</u>	
Bird/Lang RTC Projects	Construction Start and Completion Dates: 3/17/2014 – 9/2/2014 Operations/Optimization (RTC): 9/3/2014 – 9/3/15
<u>Foundation Projects (see Table 11-11)</u>	
Foundation 1 - Smith Street Storage	Engineering Start: 3/18/2014 Engineering Completion: 3/18/2015 Notice to Proceed: 3/18/2015 Substantial Completion: 3/18/2017
Foundation 2 - SPP Optimization (20 projects)	Engineering Start: 3/1/14 Engineering Completion: 3/18/2015 ⁽¹⁾ Notice to Proceed: 3/1/14 Substantial Completion: 3/18/2017 ⁽¹⁾
Foundation 3 - Remaining RTC (14 sites)	Engineering Start: 3/18/2016 Engineering Completion: 3/18/2023 ⁽¹⁾ Notice to Proceed: 3/18/2017 Substantial Completion: 3/18/2024 ⁽¹⁾
Foundation 4 - Hamburg Drain Optimizations	Engineering Start: 3/18/2015 Engineering Completion: 3/18/2017 ⁽¹⁾ Notice to Proceed: 3/18/2016 Substantial Completion: 3/18/2018 ⁽¹⁾
Foundation 4 – Hamburg Drain Storage	Engineering Start: 3/18/2028 Engineering Completion: 3/18/2030 Notice to Proceed: 3/18/2030 Substantial Completion: 3/18/2032
<u>Green Projects (see GI Master Plan)</u>	
Green Pilot Projects – 267-acres of GI control	Engineering Start: 3/1/14 Engineering Completion: 3/18/2016 ⁽²⁾ Construction Completion Date: 3/18/2018 ⁽²⁾ PCM Start and Completion Dates: 3/18/2016 – 3/18/2019 ⁽²⁾ Construction of controls for at least 134 acres will have started by 9/18/2017
Green 2 – 410-acres of GI control	Engineering Start: 3/18/2019 Engineering Completion: 3/18/2023 ⁽²⁾ Construction Completion Date: 3/18/2024 ⁽²⁾ Construction of controls for at least 205 acres will have started by 3/18/2022 ⁽²⁾

Green 3 – 375-acres of GI control	Engineering Start: 3/18/2023 Engineering Completion: 3/18/2028 ⁽²⁾ Construction Completion Date:3/18/2029 ⁽²⁾ Construction of controls for at least 188 acres will have started by 9/18/2026 ⁽²⁾
Green 4 – 263-acres of GI control	Engineering Start: 3/18/2028 Engineering Completion: 3/18/2033 ⁽²⁾ Construction Completion Date:3/18/2034 ⁽²⁾ Construction of controls for at least 132 acres will have started by 9/18/2031 ⁽²⁾
<u>WWTP</u>	
WWTP Improvements Project – Alternative C2 (two consecutive projects)	Engineering Start: 3/18/2015 Engineering Completion: 3/18/2019 ⁽¹⁾ Notice to Proceed: 3/18/2017 Substantial Completion 3/18/2022 ⁽¹⁾
<u>Gray Projects (see Section 12.3)</u>	
CSOs 014/15 – In-line storage and optimization	Construction Start: 3/18/14 Substantial Completion: 3/18/15
CSO 013 – Satellite storage, conveyance, FM & PS	Engineering Start: 3/18/2019 Engineering Completion: 3/18/2020 Notice to Proceed: : 3/18/2020 Substantial Completion: 3/18/2022
North Relief – Interceptor	Engineering Start: 3/18/2019 Engineering Completion: 3/18/2022 Notice to Proceed: 3/18/2022 Substantial Completion: 3/18/2026
CSOs 010, 008/010, 061, 004 – Underflow capacity upsizing	Engineering Start: 3/18/2021 Engineering Completion: 3/18/2023 Notice to Proceed: 3/18/2023 Substantial Completion: 3/18/2024
SPP 337 (CSO 053) – Satellite storage, conveyance, FM & PS	Engineering Start: 3/18/2023 Engineering Completion: 3/18/2025 Notice to Proceed: 3/18/2025 Substantial Completion: 3/18/2027
SPP 336 a+b (CSO 053) – Satellite storage, conveyance, FM & PS	Engineering Start: 3/18/2024 Engineering Completion: 3/18/2026 Notice to Proceed: 3/18/2026 Substantial Completion: 3/18/2029

Jefferson & Florida (SPP 170B – CSO 053) – Satellite storage, conveyance and FM	Engineering Start: 3/18/2025 Engineering Completion: 3/18/2027 Notice to Proceed: 3/18/2027 Substantial Completion: 3/18/2030
CSO 055 – Satellite storage, conveyance, FM & PS	Engineering Start: 3/18/2027 Engineering Completion: 3/18/2030 Notice to Proceed: 3/18/2030 Substantial Completion: 3/18/2034
CSOs 028/044/047 - Satellite storage, conveyance, FM & PS (storage at Tops from CSO 47 west)	Engineering Start: 3/18/2028 Engineering Completion: 3/18/2031 Notice to Proceed: 3/18/2031 Substantial Completion: 3/18/2034
CSO 052 – Satellite storage, conveyance, FM & PS	Engineering Start: 3/18/2030 Engineering Completion: 3/18/2032 Notice to Proceed: 3/18/2032 Substantial Completion: 3/18/2034
CSO 064 – Satellite storage, conveyance, FM & PS	Engineering Start: 3/18/2030 Engineering Completion: 3/18/2032 Notice to Proceed: 3/18/2032 Substantial Completion: 3/18/2034
<u>Post Construction Monitoring</u>	
Submit PCM Plan	3/18/2015
Implement PCM	Per approved PCM Plan

NOTES:

References specified in the Implementation Schedule above refer to the Approved BSA CSO LTCP, including the Green Infrastructure Master Plan, approved by EPA and NYSDEC on March 18, 2014.

Engineering timeframes (from start to completion) include planning, design, permitting/SEQRA/Public Notice, regulatory review and approval, land/easement acquisition, funding, and bidding/award.

Substantial Completion is defined as the time at which the Project has progressed to the point where, in the opinion of Engineer, the Work is sufficiently complete, in accordance with the Contract Documents, so that the Project can be utilized for the purposes for which it is intended.

(1) Project consists of multiple smaller projects that will overlap in engineering and construction. Specific engineering completion and construction dates for each project site will be determined and submitted to the Agencies as they are developed. In any case, all work associated with these blocks of projects will be completed within the overall timeframe shown.

(2) GI projects will consist of multiple smaller projects including building demolitions that will overlap in engineering and construction during a given GI phase. For each phase, the BSA will achieve the start of construction for at least 50 percent of the required acreage by the mid-point of each phase.