

Notice of Amendment for the City of Brantford Water, Wastewater, and Stormwater Master Servicing Plan Update – 2051 Amendment 2051 Amendment Summary of Revisions

The City of Brantford finalized the 2020 Master Servicing Plan Update, following a 45-day review period, on January 4, 2021 which was completed to the 2041 growth horizon. Upon the completion of the previous report, updated growth numbers were provided by the Province's Growth Plan to the 2051 growth horizon. All revisions within the 2020 Master Servicing Plan Update – 2051 Update, are summarized as follows:

Volume I – Executive Summary:

- Updated document title and date on cover page and headers
- Revised text in Key Acronyms and Definitions to reflect the 2051 Growth Horizon
- Revised text in Section 1 to reflect the 2051 Growth Horizon
- Revised text in section 2.1 to reflect the 2051 Growth Horizon
- Revised text in Section 3 to reflect the 2051 Growth Horizon including updated growth projections and densities
- Updated Figures 5, 6, 8, and 10 to reflect the 2051 growth areas land use designation
- Updated growth projections, flows, and demands to 2051 in Tables 1 to 11
- Revised text in Section 5.1 to reflect the 2051 Growth Horizon
- Revised text in Section 5.2, Table 13, and Figure 7 to reflect the updated water capital program to 2051
- Revised text in Section 6.2, Table 14, and Figure 9 to reflect the updated wastewater capital program to 2051
- Revised text in Section 7.2, Table 17, and Figure 12 to reflect the updated stormwater capital program to 2051

Volume II – Plan & Policy:

- Updated document title and date on cover page and headers
- Revised text in Key Acronyms and Definitions to reflect the 2051 Growth Horizon
- Revised text in Section 1 to reflect the 2051 Growth Horizon
- Revised text in Section 2.3 to update references to the Municipal Class EA process
- Revised text in Section 4 to reflect the 2051 Growth Horizon
- Revised text in Section 6.1.2 to reflect the 2051 Growth Horizon
- Revised text in Section 6.1.3 to update reference to the Planning Reform Act
- Revised text in Section 6.1.6 to update reference to the Safe Water Drinking Act
- Revised text in Section 6.3 and 6.4 in order to reflect the 2051 Growth Horizon
- Updated Figure 6 to reflect the 2051 growth areas land use designation
- Updated Tables 1 to 4 to reflect the 2051 Growth Horizon population projections
- Updated Appendix A with population and employment growth to 2051 by Traffic Zone
- Updated text in Appendix B to reflect the 2051 Growth Horizon

Volume III – Water Master Plan

- Updated document title and date on cover page and headers
- Revised text in Key Acronyms and Definitions to reflect 2051 Growth Horizon
- Revised text in Section 1 to reflect 2051 Growth Horizon
- Revised text in Section 2.3.3 and 2.3.4 to reflect the 2051 Growth Horizon
- Revised text in Section 3 to reflect the 2051 Growth Horizon
- Updated Figure 1 to show the 2051 growth areas land use designation
- Updated Tables 5 to 10 to reflect 2051 growth population to 2051
- Removed footnote under Table 14 as it was no longer relevant
- Updated Tables 15, 16, and 17 to reflect growth demands to 2051
- Revised text in Section 4.5.1.2 to reflect the 2051 Growth Horizon including revised growth densities
- Revised text in Section 5 to reflect growth demands to 2051
- Updated Figure 4 to show the 2051 growth areas land use designation
- Updated Figure 5 to reflect growth demands to 2051 at the water treatment plant
- Revised text in Section 5.2.2 to reference additional table and to reflect the 2051 Growth Horizon
- Split Table 19 into a new Table 20 which included growth pumping requirements to 2051
- Revised table number sequencing following Table 20
- Revised text in Section 5.2.3 to reflect the 2051 Growth Horizon
- Updated Table 22 to reflect storage requirements to 2051
- Revised text in 6.3.1.3 for clarity regarding the dead ends within the Tutela Heights system
- Updated Table 23 to reflect the 2051 Growth Horizon
- Updated Figures in Tables 24 to 34 and 36 to 39 to show the 2051 growth areas land use designation
- Updated Table 27 to reflect the 2051 the Growth Horizon
- Updated Table 35 to reflect the 2051 Growth Horizon and revised commentary in Alternative 2B for clarity
- Revised text in Section 8.4 to reflect the 2051 Growth Horizon
- Revised text in Sections 8.5.1, 8.5.2, 8.5.3, and 8.5.4 to reference Tables 40 to 44
- Updated Figure 10 to include revised watermain replacements to address fire flow deficiencies
- Revised text in Section 8.7 to reflect the 2051 Growth Horizon
- Revised text in Section 9, Table 45, and Figure 11 to reflect the updated water capital program to 2051
- Revised and expanded on Section 10 to provide a more detailed implementation plan for key projects including revised section numbers and new sections 10.1 to 10.5
- Updated Appendix B with population and employment growth and total water demands to 2051 by Traffic Zone
- Updated Appendix C's expansion lands concept figures to show the 2051 growth areas land use designation

- Update Appendix F with updated water capital program and figures to show the 2051 growth areas land use designation

Volume IV – Wastewater Master Plan

- Updated document title and date on cover page and headers
- Revised text in Key Acronyms and Definitions to reflect 2051 Growth Horizon
- Revised text in Section 1 to reflect the 2051 Growth Horizon
- Revised text in Section 2.2.3.5 to reflect the 2051 Growth Horizon
- Revised text in Section 3 to reflect the 2051 Growth Horizon
- Updated Figure 1 to show the 2051 growth areas land use designation
- Updated Tables 6 to 11 to reflect 2051 growth population to 2051
- Revised text in Section 3.3.2 to reflect the 2051 Growth Horizon including revised growth densities
- Revised text in Sections 4.1 and 4.2 for clarity of wastewater treatment plant processes
- Included additional footnote under Table 12 for clarification on wastewater treatment plant capacities
- Revised text in Section 4.1.2 and 4.3.1 for clarity of presented tables
- Updated Tables 15 to 17 to reflect growth flows to 2051
- Revised text in Section 4.3.2.2 to reflect the 2051 Growth Horizon including revised growth densities
- Revised text in Section 5 to reflect the 2051 Growth Horizon
- Updated Figure 4 to show the 2051 growth areas land use designation
- Updated Figure 5 to reflect wastewater treatment plant flows to 2051
- Revised text in Table 18 to provide clarity on wastewater treatment plant process descriptions
- Revised text in 5.2.2 to reflect 2051 the Growth Horizon
- Revised Table 19 to show 2051 wastewater pumping station capacities and revised table to be in MLD and ML for consistency
- Revised text in 5.3 to reflect 2051 the Growth Horizon and to include constraints in the wastewater treatment plant catchment
- Revised text in 5.4 to reflect 2051 the Growth Horizon
- Updated Figures 7 and 9 to show the 2051 growth areas land use designation
- Revised text in Tables 21, 27, 31, and 32 to reflect 2051 the Growth Horizon
- Revised text in Section 7.3 to reflect 2051 the Growth Horizon
- Included new Section 8.7.4 and Table 34 for Mohawk Road Trunk Sewer
- Revised section number sequencing following Section 8.7.4 and table number sequencing following Table 34
- Revised text in Section 8.8 to reflect the 2051 Growth Horizon
- Updated Table 40 to show 2051 wastewater pumping station capacities and revised table to be in MLD and ML for consistency
- Revised text in Section 8.10 to reflect the 2051 Growth Horizon

- Revised text in Section 9, Table 43, and Figure 10 to reflect the updated wastewater capital program to 2051
- Added text to Section 9.1.3 for the Mohawk Trunk Sewer Upgrades
- Updated Section 9.4.1 to be Section 10 which was revised and expanded on to provide a more detailed implementation plan for key projects including revised section numbers and new sections 10.1 to 10.5
- Updated Appendix B with population and employment growth and total wastewater flows to 2051 by Traffic Zone
- Updated Appendix C's expansion lands concept figures to show the 2051 growth areas land use designation
- Update Appendix F with updated wastewater capital program and figures to show the 2051 growth areas land use designation

Volume V – Stormwater Master Plan

- Updated document title and date on cover page and headers
- Revised text in Key Acronyms and Definitions to reflect 2051 Growth Horizon
- Revised text in Section 1 to reflect the 2051 Growth Horizon
- Revised text in Section 2 to clarify referenced MSP
- Revised text in section 3 to reflect the 2051 Growth Horizon
- Revised text in Section 3.1.2 to clarify referenced MSP and development proposals which will be impacted
- Updated Figures 3 and 6 to show the 2051 growth areas land use designation
- Revised text in Section 5 to reflect the 2051 Growth Horizon
- Revised values in Section 6.1.1 and Table 16 to reflect revised growth areas
- Revised values in Section 6.1.3 and Table 20 to reflect revised growth areas
- Revised values in Section 6.1.10 and Table 34 to reflect revised growth areas
- Revised text in Section 8.2 to clarify which version of the MSP is being referenced
- Revised text in Section 9, Table 52, and Figure 8 to reflect the updated stormwater capital program to 2051
- Update Appendix E with updated stormwater capital program and figures to show the 2051 growth areas land use designation

Volume VI – Public and Agency Consultation

- Updated document title and date on cover page and headers
- Revised text in Key Acronyms and Definitions to reflect 2051 Growth Horizon
- Revised text in Section 1 to reflect 2051 Horizon
- Added Section 2.9 for 2051 Growth Amendment Notice of Completion
- Updated Appendix D to include communications post filing of the 2020 Master Servicing Plan Update
- Updated Appendix E to include the Notice of Completion for the 2051 Amendment