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City of Winnipeg Water and Waste Department 110-1199 Pacific Ave. Winnipeg, MB R3E 3S8

August 22, 2019

Subject: Combined Sewer Overflow Master Plan

Dear Patrick Coote:

Jacobs is pleased to submit the enclosed CSO Master Plan. This submission completes the final phase of our services for the assignment made to us on February 8, 2013. We have provided a recommended set of proposed projects for each of the combined sewer districts located in the City of Winnipeg. Once all projects are complete, the objective control target of 85 Percent Capture in the Representative Year will be achieved.

The CSO Master Plan sets out the roadmap for implementing a long term program that will meet the intent of the Environment Act No 3042 Licence. The program will require a significant financial commitment from the City of Winnipeg and other levels of government to achieve the objective in the prescribed timeline. The submission is arranged into three main parts:

- Part 1 Abstract is a summary of the CSO Master Plan.
- Part 2 Technical Report documents the approach used for project selection and master plan development.
- Part 3 CSO Master Plan Details is presented in three parts:
 - Part 3A CSO Master Plan Summary provides specific details and is intended to be updated to current conditions on an ongoing basis.
 - Part 3B District Engineering Plans (DEPs) are provided for all 43 combined sewer districts, including site-specific information and proposed project details.
 - Part 3C Standard Details provides information and assumptions for implementation of technologies common to multiple districts.

We appreciate the opportunity to provide these services and look forward to continuing to work with the City of Winnipeg through the implementation of the CSO Master Plan.

Please do not hesitate to contact John at 403.640.8065 or Stephen at 204.488.2214 ext. 73069, if you have questions regarding our submission.

Sincerely,

Jacobs Engineering

John Berry, P. Eng.

Project Manager

Stephen Godon, P.Eng.

Stephen Godon

Assistant Project Manager







Certificate of Authorization

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No. 1441