

MONTHLY PROGRESS REPORT BY PROJECT STEERING COMMITTEE
CITY OF WINNIPEG - NORTH END WASTEWATER TREATMENT PLANT UPGRADE PROJECT

Progress Report Date: Report #1 January 8, 2020

Objective 1: Preparation of an interim phosphorus reduction plan by January 31, 2020 for implementation beginning February 1, 2020.

The following key elements have been completed to date to meet the due date for Objective 1:

- The NEWPCC Notice Of Alteration – Project Steering Committee kick-off meeting was held December 16, 2019
 - The North End Water Pollution Control Centre (NEWPCC) Master Plan 2014 was reviewed in detail. The progress to-date was provided to demonstrate progress of the Master Plan.
 - In parallel to the Master Plan the City has reviewed interim options to reduce Total Phosphorus effluent concentrations to 1.0 mg/L. The results of this study were reviewed in detail. The recommendation from the report was to conduct further study and benchscale testing to determine what reduction in Total Phosphorus could be achieved.
- The Project Steering Committee Co-chairs presented at the Project Advisory Committee Meeting December 18, 2019.
- The City's Request for Proposal (RFP) for Professional Consulting Services for NEWPCC Interim Phosphorus Removal Detail Review and Benchscale Testing Subject Matter, RFP No. 1179-2019, was posted and closed on December 19, 2019.
- The City has evaluated the bid submissions for RFP No. 1179-2019 and an award report is in progress.
- The NEWPCC Biosolids Facilities is identified as the City's highest priority infrastructure project, December 2019: City of Winnipeg 2020 Infrastructure Plan:
<https://www.winnipeg.ca/infrastructure/pdfs/Infrastructure-Plan-2020.pdf>
- The City submitted the requested Progress Report for Activities Regarding the North End Sewage Treatment Plant (NEWPCC) dated December 27, 2019.

The following key next steps are being carried out to meet the due date for Objective 1:

- NEWPCC Interim Phosphorus Removal Detail Review and Benchscale Testing Subject Matter, RFP No. 1179-2019 is proposed to be awarded by January 31, 2020.
- RFP No. 1179-2019 Milestones:
 - Kick-off meeting with the successful consultant February 2020
 - Completion of benchscale testing June 30, 2020
 - Completion of assessment and evaluation of alternatives September 30, 2020
 - Completion of Final Report December 30, 2020
- Prepare and submit an interim phosphorus reduction plan by January 31, 2020 for Manitoba Conservation and Climate.

Submitted to: Project Advisory Committee, NEWPCC Upgrade Project

Submitted by:

NEWPCC Upgrade Project Steering Group Committee,
Co-Chairs: Duane Griffin, P.Eng., Siobhan Burland Ross, P.Eng.

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Objective 2: Preparation of an implementation plan with realistic timelines by January 31, 2020 for the complete upgrade of the NEWPCC to meet all licence conditions.

The following key elements have been completed to date to meet the due date for Objective 2:

- The 2014 North End Water Pollution Control Centre Master Plan (NEWPCC) was reviewed. Progress of the Master Plan activities was discussed.
- In September 2019, the Power Supply and Headworks Facilities and Biosolids Facilities Project were approved by City Council for Federal and Provincial funding applications under the Investing in Canada Infrastructure Program.
- Biosolids Facilities project is critical to the City's ability to accept growth in wastewater loadings to the NEWPCC Sewage Treatment Plant
- The NEWPCC Master Plan and Interim Phosphorus Alternatives were presented at the Project Advisory Committee Meeting December 18, 2019

The following key next steps are being carried out to meet the due date for Objective 2:

- The Project Steering Committee will review the timeline for the construction of the Biosolids Facilities and Nutrient Removal Facilities with respect to:
 - Work to-date on current NEWPCC projects
 - Review of preliminary construction schedule
 - Review what activities can be done in parallel to advance licence compliance
 - Document assumptions for this assessment
- Prepare and submit an implementation plan with realistic timelines by January 31, 2020 for the complete upgrade of the NEWPCC to meet all licence conditions for Manitoba Conservation and Climate

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