

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

Progress Report Date: Report #11 January 15, 2020

Interim Phosphorous Reduction Plan.

The following key elements have been completed during the month of December 2020:

- Please refer to previous progress reports for a complete history
- The City's Request for Proposal (RFP) for Professional Consulting Services for NEWPCC Interim Phosphorous Removal Detail Review and Benchscale Testing, RFP No. 1179-2019:
 - Preliminary Modeling
 - Computer simulations for average conditions are complete.
 - Jar Testing:
 - Annual average jar testing is complete
 - Maximum month jar testing will be done in spring 2021
 - Some additional follow up testing on interim phosphorous removal may continue in Q1 2021
 - Design and costing
 - Conceptual design is complete and an AACE Class 4 cost estimate has been developed
 - Schedule
 - A report summarizing activities to date and recommendations for Interim P Removal was submitted to the provincial government on December 21, 2020
- COVID 19 Impacts:
 - Laboratory analysis and jar testing at the University of Manitoba continues following a COVID-19 safety protocol
 - Access to the sewage treatment plant and operators continues while minimizing direct contact and following appropriate social distancing
 - Meetings continue to be held remotely

The following key next steps are being carried out:

- The City will meet with members of the Project Advisory Committee in January 2021 to review the Interim Phosphorous Removal Report that was submitted to the province
- The City will review the findings of the Interim Phosphorous Removal Report with City Council
- Some additional testing will continue in Q1 2021
- Testing during maximum month flows will occur in spring 2021; a final Interim Phosphorous Removal Report will summarize the findings

Submitted to: Manitoba Conservation and Climate

Submitted by:

Michelle Paetkau, P.Eng.

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Upgrade of the NEWPCC to Meet All Licence Conditions.

The following key elements have been completed during the month of December 2020:

- Please refer to previous progress reports for a complete history
- The Power Supply project has completed the 30-day test period and has been commissioned
- On January 30, 2020, Council approved \$15,223,000.00 from the Biosolids Facilities project budget to secure engineering services. This engineering work has not yet started, as the Province has requested that the City undertake a review of a P3 project procurement methodology, which is ongoing
- Request for Proposal (RFP) evaluation for the Headworks Projects continue

The following key next steps are being carried out:

- The Power Supply and Upgrade Project is commissioned and operating. Total performance hand over to occur following training and O&M submittals
- The evaluations of Request for Proposals (RFP) for the Headworks Project continues to be evaluated
- Funding applications and procurement strategies continue to be reviewed to determine the most efficient delivery model for the Biosolids Facilities Project and the Biological Nutrient Removal Facilities Project
- A constructability review is planned for the second and third quarter of 2021 to determine if there will be opportunities to accelerate the schedule
- Review and revise the schedule as assumptions are validated and/or constraints are realized

Submitted to: Manitoba Conservation and Climate

Submitted by:
Colin Javra, P.Eng.