

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

Progress Report Date: Report #15 May 16, 2021
Interim Phosphorous Reduction Plan

The following key elements have been completed during the month of April 2021:

- 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:
 - Jar Testing:
 - Completed
 - Preliminary Modeling
 - AECOM reviewed and completed modeling for maximum month conditions during the month of April
- On March 12, 2021 the City received a response from Manitoba Conservation and Climate on its December 21, 2020 Interim P Removal report, asking for more information
 - A response and a Notice-of-Alteration request was prepared in April and was submitted on April 30, 2021
- 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 and AECOM will review the comparisons between laboratory testing and computer simulations; a final summary is expected in June 2021
- The project initiation process for Interim Phosphorous Removal has been started and procurement documents will be developed.
- The City will review and respond to any additional enquiries from Manitoba Conservation and Climate regarding its Notice of Alteration Request
 - After the City receives approval of its Notice of Alteration it will proceed with procurement, detailed design, construction, contract administration, and implementation

Submitted to: Manitoba Conservation and Climate

Submitted by:
Michelle Paetkau, P.Eng.

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Progress Report Date: Report #15 May 16, 2021
Upgrade of the NEWPCC to Meet All Licence Conditions

The following key elements have been completed during the month of April 2021:

- Please refer to previous progress reports for a complete history
- The Power Supply project has been commissioned and currently conducting training to fulfill total performance
- An administrative report recommending the preferred proponent for the Headworks project will be presented at the Committees of Council meetings in May 2021
- ICIP funding application has been submitted for Headworks. Continue to provide information as requested by Provincial and Federal agencies. Waiting for response
Biosolids procurement strategy went to the Province for review in association with funding. The Province has requested an additional P3 review of procurement strategy for the Biosolids facility and to incorporate the Nutrient Removal Facility

The following key next steps are being carried out:

- The Power Supply and Upgrade Project to achieve Total performance once training is completed and O&M's are submitted
- The preferred proponent recommendation report has been prepared and sent to Council for approval
- Award of the Headworks contract is contingent on approval of the ICIP funding application submitted to the Province of Manitoba and the Government of Canada
- Funding applications and ongoing procurement strategies continue to be reviewed to determine the most efficient delivery model for the Biosolids Facilities Project. Develop and conduct market sounding to evaluate contractor interest in the proposed procurement strategy
- A constructability review of the biosolids 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.