



April 16, 2021

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Manitoba Conservation and Climate
Environmental Stewardship Division
Environmental Approvals Branch
1007 Century Street
Winnipeg, MB R3H 0W4

Attention: Shannon Kohler, Director

**RE: MONTHLY PROGRESS REPORT FOR INTERIM PHOSPHOROUS REDUCTION AND THE
NEWPCC UPGRADE**

Please find the attached monthly progress reports for the 'Interim Phosphorous Reduction Plan' and the Upgrade of the NEWPCC to Meet All Licence Conditions. These reports are for the month of March 2021.

Should you have any questions on the 'Interim Phosphorous Reduction Plan', please contact me at 204-986-4904 or by email at mpaetkau@winnipeg.ca.

Should you have any questions on the 'Upgrade of the NEWPCC to Meet All Licence Conditions' please contact Colin Javra at 204-471-1765 or by email at cjavra@winnipeg.ca

Sincerely,



Michelle Paetkau
Acting Branch Head of Wastewater Planning and Project Delivery

Attachment

MP/dr

- c: Siobhan Burland Ross, M. Eng., P. Eng., Manitoba Conservation and Climate (email)
Yvonne Hawryliuk, MSc, Manitoba Conservation and Climate (email)
M.L. Geer, CPA, CA, Water and Waste Department (email)
T. Shanks, P.Eng., Water and Waste Department (email)
R. Grosselle, Water and Waste Department (email)
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C. Javra, P. Eng., Water and Waste Department (email)

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

Progress Report Date: Report #14 April 16, 2021
Interim Phosphorous Reduction Plan

The following key elements have been completed during the month of March 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:
 - Maximum month sampling and laboratory testing was conducted in March 2021
 - Preliminary Modeling
 - AECOM is currently reviewing testing results to compare against computer simulations
- 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 is being prepared and will be submitted by the required deadline of 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 laboratory testing of maximum month conditions and compare to computer models and simulations; a final summary is expected in June 2021
- A Notice-of-Alteration request and a response to Manitoba Conservation and Climate's March letter is being drafted and will be submitted by April 30, 2021
 - After approval the City will proceed with procurement, detailed design, construction, and contract administration

Submitted to: Manitoba Conservation and Climate

Submitted by:
Michelle Paetkau, P.Eng.

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

Progress Report Date: Report #14 April 16, 2021
Upgrade of the NEWPCC to Meet All Licence Conditions

The following key elements have been completed during the month of March 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.
- Evaluation of Headworks Project request for proposal (RFP) continues.
- 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. Waiting for response.

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 to go 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.