



March 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 February 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)
G.K. Patton, P. Eng., Water and Waste Department (email)
T. Shanks, P.Eng., Water and Waste Department (email)
R. Grosselle, Water and Waste Department (email)
C. Carroll, P. Eng., Water and Waste Department (email)
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 #13 March 16, 2021
Interim Phosphorous Reduction Plan

The following key elements have been completed during the month of February 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:
 - Preliminary Modeling
 - Computer simulations for maximum month conditions are pending the 2021 flood season
 - Jar Testing:
 - Maximum month jar testing is being planned for March 2021
 - Schedule
 - A report summarizing activities to date and recommendations for Interim P Removal was submitted to the provincial government on December 21, 2020
- On February 25, 2021, Winnipeg City Council approved a budget for the design and construction of interim phosphorus removal infrastructure in the amount of \$10.5M
- 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:

- Upon receiving comments from Manitoba Conservation and Climate on the City's Interim Phosphorous Removal Report, the Water and Waste Department will submit a Notice-of-Alteration, asking for approval to implement Interim Phosphorous Removal
 - After approval the City will proceed with detailed design, construction, and contract administration
- Testing during maximum month flows will occur in spring 2021; a final Interim Phosphorous Removal Report will summarize these findings

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 #13 March 16, 2021
Upgrade of the NEWPCC to Meet All Licence Conditions

The following key elements have been completed during the month of February 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
- 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. This study has been completed, currently waiting on Provincial response to the report
- 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

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
- Continued evaluation of the Request for Proposals (RFP) for the Headworks Project to develop an award recommendation
- 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.