



June 17, 2021

Client File No.: 1071.0  
Our File Nos.: S-972-1, EMS  
020-17-08-11-00  
020-17-08-11-0N

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**

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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 May 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](mailto: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](mailto: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)
- C. W. Wiebe, P.Eng., CAMP, 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**

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**Progress Report Date: Report #16 June 17, 2021**  
**Interim Phosphorous Reduction Plan**

**The following key elements have been completed during the month of May 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 summarized maximum month testing and modeling comparison and submitted a draft report to the City to review; the report was reviewed in May by City staff
- The City received a conditional approval of its Notice-of-Alteration application to Manitoba Conservation and Climate on May 28, 2021.
- COVID 19 Impacts:
  - Laboratory analysis and jar testing at the University of Manitoba is complete
  - 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:**

- Finalize the maximum month testing report in June, after which it will be submitted to Manitoba Conservation and Climate.
  - The City will then close-out its existing contract with AECOM on this work
- Prepare and submit a list of tasks, milestones, and proposed completion dates for implementation of interim phosphorous reduction by June 28, 2021, in accordance with the NEWPCC Notice-of-Alteration approval.
- Prepare a Request-for-Proposal for consultant services for Interim Phosphorous Removal.
- Reformat monthly reporting layout, content, and submission deadlines in accordance with the Notice-of-Alteration approval that was received in May.

**Submitted to: Manitoba Conservation and Climate**

**Submitted by:**

Michelle Paetkau, P.Eng.

File Numbers:

Client File No: 1071.10

WWD: S-1146, S972, EMS, 020-17-08-11-00, 020-17-08-11-0N

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

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**Progress Report Date: Report #16 June 17, 2021**  
**Upgrade of the NEWPCC to Meet All Licence Conditions**

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

- Please refer to previous progress reports for a complete history.
- The Power Supply project has been commissioned and training completed. Submission of O&M manuals are ongoing to fulfill total performance.
- An administrative report recommending the preferred proponent for the Headworks project was presented at the City of Winnipeg Council meeting on May 27, 2021. Aecon Water Infrastructure Inc. and Oscar Renda Contracting of Canada, Inc., an Aecon Oscar Renda Joint Venture, doing business under the name of "Red River Solutions" being the Proponent that scored the highest points for its combined technical and financial submission and which obtained a "Pass" on each of the Pass/Fail submission components, was selected as the Preferred Proponent.
- ICIP funding application has been submitted for Headworks project. Information continues to be provided as requested by Provincial and Federal agencies. Waiting for response.
- City Council has directed the public service to complete a P3 market sounding for a Design-Build-Finance procurement method for Biosolids and BNR. The City will not study a procurement method where a private entity will take over operations and maintenance activities.

**The following key next steps are being carried out:**

- The Power Supply Upgrade Project to achieve total performance once submission of O&M manuals are complete.
- Commencement of the Headworks Project after receiving 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.
- Deloitte LLP will begin P3 market sounding activities within the next month.
- Deloitte LLP will be conducting a detailed procurement analysis and inherent in this procurement analysis is a review of methods (constructability review) that would allow the acceleration of the overall program schedule (Biosolids and BNR).
- The owners advocate engineer is updating the enhanced preliminary design for Biosolids as a result of splitting the project into three.
- 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.