



Conservation and Climate

Environmental Approvals Branch
1007 Century St
Winnipeg MB R3H 0W4
T 204 945-8321 F 204-945-5229
www.gov.mb.ca/sd

File No. 1071.10

May 28, 2021

Michelle Paetkau, Acting Branch Head
Wastewater Planning and Project Delivery
Wastewater Services Division
City of Winnipeg
109-1199 Pacific Avenue
Winnipeg MB RE3 3S8
mpaetkau@winnipeg.ca

Dear Michelle Paetkau:

Re: North End Water Pollution Control Centre – Interim Phosphorous Reduction Plan - Environment Act Licence No. 2684 RRR

Thank you for the Notice of Alteration, dated April 30, 2021, submitted in response to our March 12, 2021, letter to the City of Winnipeg (City) regarding the North End Water Pollution Control Centre (NEWPCC). The Notice of Alteration is for implementation of interim phosphorous reduction to be completed while design and construction is ongoing for the full upgrade to the NEWPCC required for compliance with Environment Act Licence 2684 RRR (hereafter called the “fully upgraded facility”).

The proposed alteration for implementation of interim phosphorous reduction is hereby approved in accordance with Section 14(2) of The Environment Act and subject to the following conditions:

1. The City shall submit a description of the benchscale tests that were carried out during high flows including an assessment of the potential impact on phosphorous reduction, no later than June 30, 2021.
2. The City shall, by December 31, 2021, submit an assessment of options to enhance interim phosphorous reduction to meet a phosphorous limit in effluent of 1.0 mg/L following construction and commissioning of the upgraded biosolids facilities that would be in place until completion of the biological nutrient reduction facilities and the fully upgraded facility.
3. The City shall immediately implement optimization of interim phosphorous reduction using existing infrastructure. The optimization activities shall continue throughout the interim phosphorous implementation until the licence limits are met. The activities carried out and the impact on the wastewater treatment processes and the final effluent phosphorous concentration shall be documented and included in the monthly and quarterly reports required to be submitted by this approval (items 6 and 8 below).
4. The City shall submit the list of tasks, milestones, and proposed completion dates for implementation of interim phosphorous reduction within one month of receiving this letter.

5. The City shall submit the list of tasks, milestones, and proposed completion dates for construction and commissioning of the fully upgraded facility within one month of receiving this letter.
6. The City shall submit short monthly email progress reports outlining the milestones achieved, referencing the task list specified in items 4 and 5 above, the current status, and the proposed activities for the next month until commissioning of the fully upgraded facility. The first monthly progress report is due within one month of receiving this letter and shall be submitted in the first week of each month thereafter. They shall be submitted via email to the Director of Environmental Compliance and Enforcement, at ECEBranch@gov.mb.ca and to the Director of Environmental Approvals Branch, at EABDirector@gov.mb.ca and copied to Yvonne Hawryliuk, Provincial Manager, and Siobhan Burland Ross, Engineering Manager of Industrial and Wastewater Section.
7. The City shall notify the province immediately if any further delays or setbacks are to be expected or there is an indication that delays may occur. Notification must be followed by submission of a plan indicating how the delay will be managed and averted through all reasonable actions.
8. The City shall file quarterly progress reports to the undersigned until the commissioning of the fully upgraded facility. The quarterly progress reports shall summarize the monthly reports for the previous three months and will be posted to the public registry. The next report is due July 31, 2021 and will summarize the monthly reports for April, May and June.
9. The City shall, upon request from the province, meet with department representatives to ensure that the progress of the Development is on schedule.

The City remains out of compliance regarding the effluent discharge limit for phosphorus and other parameters as required by Environment Act Licence No. 2684 RRR and is subject to enforcement action at any time. The environmental health of Manitoba's watercourses, particularly the Red River and Lake Winnipeg is a top priority for Manitoba. Therefore, it is essential that the City of Winnipeg comes into compliance on this critical infrastructure expeditiously.

Should you require clarification concerning the foregoing please contact Siobhan Burland Ross, Engineering Manager, Industrial and Wastewater Section, Environmental Approvals Branch, at 204-793-6487 or Siobhan.BurlandRoss@gov.mb.ca.

Yours sincerely,

Original signed by
Siobhan Burland Ross
for Shannon Kohler, Director
The Environment Act

cc: Moira Geer, Colin Javra, Chris Carroll – City of Winnipeg
Shannon Kohler – Conservation and Climate
Kristal Harman, Yvonne Hawryliuk – Environmental Compliance and Enforcement
Nicole Armstrong – Water Branch, Agriculture and Resource Development
Laura Pyles, Siobhan Burland Ross, Bereket Assefa – Environmental Approvals Branch
Shawn Adams, Travis Parsons – Central Services
Nick Kulyk, Myra Cruz Arado – Municipal Relations
Public Registry