

Manitoba Conservation and Climate
Environmental Compliance and Enforcement Branch
1007 Century Street
Winnipeg, MB R3H 04W
Attention: Ms. Kristal Harman, Director

August 28, 2020

RE: JULY 2020 MONITORING REPORTS FOR THE CITY OF WINNIPEG WATER POLLUTION CONTROL CENTRES

The July 2020 Monitoring Reports for the West End Water Pollution Control Centre (WEWPCC), North End Water Pollution Control Centre (NEWPCC), and South End Water Pollution Control Centre (SEWPCC) are attached. This information is provided under compulsion of law in accordance with the requirements under the Environment Act Licences (EALs) #2669 E RR, #2684 RRR and #2716 RR.

Please note the following respecting the report for EAL #2669 E RR:

1. There was no 24-hour composite sample on July 1 due to a sampler malfunction.
2. The TSS results exceeded the licence limit on 27 days in July due to algae growth, die off and increased wildlife activities in the polishing cells.
3. The cBOD5 results met the licence limit in July.
4. The July 22 24-hour composite sample was not analyzed for ammonia and ortho phosphorus due to a sample preparation error and there were no ortho-phosphorus results on July 2 and 14 due to suspected sample interferences. The ammonia results and the total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in July.
5. The monthly geometric means for fecal coliform and *E. coli* met the licence limits in July.

Environment Act Licence #2684 RRR requires the City to meet nutrient limits by December 31, 2019. The City will not be able to achieve the nutrient removal limits at the NEWPCC until it is fully upgraded; an interim phosphorus reduction plan has been implemented effective February 1, 2020. Compliance results are reported under the limits listed under Clause 28 of EAL #2684 RRR, please note the following:

1. The TSS results exceeded the licence limit on 10 days in July. The exceedances on July 13 and 17 were due to intermittent high flows and bypass events, the other TSS exceedances were due to sludge settleability issues following intermittent high flows.
2. The cBOD5 results exceeded the licence limit on two days in July due to intermittent high flows and bypass events.

3. The total phosphorus and total nitrogen thirty-day rolling averages exceeded the licence limits in July.
4. The ammonia results exceeded the licence limit on 10 days in July.
5. The monthly geometric means for fecal coliform and *E. coli* exceeded the licence limits in July due to intermittent high flows and bypass events and sludge settleability issues.

Please note the following respecting the report for EAL #2716 RR:

1. The TSS results met the licence limit in July.
2. The cBOD5 results met the licence limit in July.
3. The monthly geometric mean for *E. coli* met the licence limit in July.

Please let me know of any concerns or questions respecting this submission. I can be reached by telephone at 204-986-8359 or by email at rgrosselle@winnipeg.ca.

Yours sincerely,

*Original signed by M. Marsland, for
(Signed original available upon request)*

R. Grosselle
Manager of Environmental Standards

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Enclosures

cc: M. L. Geer, CPA, CA (e-mail)
C. Carroll, P. Eng (e-mail)