

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

December 18, 2020

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

The November 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 of 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. The TSS results exceeded the licence limit on 15 days in November due to algae growth and die off, and increased wildlife activities in the polishing cells.
2. The cBOD5 result was not analyzed on November 20 due to a sample preparation error; the cBOD5 results met the licence limit in November.
3. The ammonia results and the total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in November.
4. The monthly geometric means for fecal coliform and *E. coli* met the licence limits in November.

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. Results are reported under the limits listed under Clause 28 of EAL #2684 RRR, please note the following:

1. There were no 24-hour composite samples on November 24 and 25 due to sampler malfunctions.
2. The TSS results met the licence limit in November.
3. The cBOD5 result was not analyzed on November 20 due to a sample preparation error; the cBOD5 results met the licence limit in November.
4. The total phosphorus and total nitrogen thirty-day rolling averages exceeded the licence limits in November.
5. The ammonia results exceeded the licence limit in November.

6. The monthly geometric means for fecal coliform and *E. coli* met the licence limits in November.

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

1. The TSS results exceeded the licence limit on three days in November. The exceedances on November 1 and 15 were due to high sludge blankets and poor settling in the secondary clarifiers; Operations staff are taking measures to mitigate this issue. The exceedance on November 25 was due to the primary effluent bypass for 2.5 hours to address the emergency leak at the secondary effluent channel.
2. The cBOD5 result was not analyzed on November 20 due to a sample preparation error; the cBOD5 results met the licence limit in November.
3. The monthly geometric mean for *E. coli* met the licence limit in November.

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 R. Grosselle
(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)