

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

June 30, 2020

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

The May 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 May 18 and 31 due to sampler malfunctions.
2. The TSS results exceeded the licence limit on 18 days in May due to seasonal pond turnover and increased wildlife activities.
3. There were no cBOD5 results on May 1 and 8 due to QC failures and the cBOD5 was not analyzed on May 28 due to a technician error; the cBOD5 results met the licence limit in May.
4. The ammonia results and the total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in May.
5. There was no *E.coli* result on May 8 due to a QC failure; the monthly geometric means for fecal coliform and *E. coli* met the licence limits in May.

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 will be 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 two days in May due to intermittent high flows and bypass events.
2. There were no cBOD5 results on May 1 and 8 due to QC failures and the cBOD5 was not analyzed on May 28 due to a technician error; the cBOD5 result exceeded the licence limit on one day in May due to intermittent high flows and bypass events.

3. The total phosphorus and total nitrogen thirty-day rolling averages exceeded the licence limits in May.
4. The ammonia results met the licence limits in May.
5. There was no *E.coli* result on May 7 due to a QC failure; the monthly geometric mean for fecal coliform met the licence limit and the monthly geometric mean for *E. coli* exceeded the licence limit in May due to intermittent high flows and bypass events.

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

1. The TSS result exceeded the licence limit on three days in May. The exceedance on May 11 was due to high sludge blankets and poor settling in the secondary clarifiers, and the exceedances on May 23 and 24 were due to intermittent high flows and bypass events.
2. There were no cBOD5 results on May 1 and 8 due to QC failures and the cBOD5 was not analyzed on May 28 due to a technician error; the cBOD5 result exceeded the licence limit on one day in May due to high sludge blankets and poor settling in the secondary clarifiers.
3. There was no *E.coli* result on May 8 due to a QC failure; the monthly geometric mean for *E. coli* met the licence limit in May.

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

NC

Enclosures

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