

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

September 23, 2020

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

The August 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. The TSS results exceeded the licence limit on 30 days in August due to algae growth and die off, and increased wildlife activities in the polishing cells.
2. There were no cBOD5 results on August 3 and 4 due to QC failures; the cBOD5 results met the licence limit in August.
3. The ammonia results and the total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in August.
4. The monthly geometric means for fecal coliform and *E. coli* met the licence limits in August.

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 four days in August due to intermittent high flows and bypass events.
2. There were no cBOD5 results on August 3 and 4 due to QC failures; the cBOD5 results exceeded the licence limit on three days in August due to intermittent high flows and bypass events.
3. The total phosphorus and total nitrogen thirty-day rolling averages exceeded the licence limits in August.
4. The ammonia results exceeded the licence limit in August.

5. The monthly geometric means for fecal coliform and *E. coli* exceeded the licence limits in August due to intermittent high flows and bypass events and delayed maintenance activities at the UV facility due to COVID-19 related staffing issues.

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

1. The TSS results exceeded the licence limit on one day in August due to intermittent high flows and bypass events.
2. The cBOD5 results exceeded the licence limit on one day in August. The cause of the exceedance is unknown; there were no process issues or high flows, and other parameters trended normally on this date.
3. The monthly geometric mean for *E. coli* met the licence limit in August.

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)