

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

October 29, 2020

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

The September 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 in September due to algae growth and die off, and increased wildlife activities in the polishing cells.
2. The cBOD5 results met the licence limit in September.
3. The ammonia results and the total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in September.
4. The monthly geometric means for fecal coliform and *E. coli* met the licence limits in September.

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. The TSS result exceeded the licence limit on one day in September due to intermittent high flows and bypass events.
2. The cBOD5 results met the licence limit in September.
3. The total phosphorus and total nitrogen thirty-day rolling averages exceeded the licence limits in September.
4. The ammonia results exceeded the licence limit on 28 days in September.
5. The monthly geometric means for fecal coliform and *E. coli* met the licence limits in September.

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

1. There was no 24-hour composite sample on September 20 because the sample was not representative.
2. The TSS result exceeded the licence limit on one day in September due to high sludge blankets and poor settling in the secondary clarifiers; Operations staff are taking measures to mitigate this issue.
3. The cBOD5 results met the licence limit in September.
4. The monthly geometric mean for E. coli met the licence limit in September.

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

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