

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

November 30, 2022

RE: OCTOBER 2022 MONITORING REPORTS FOR THE CITY OF WINNIPEG WATER POLLUTION CONTROL CENTRES

The October 2022 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. There was no 24-composite sample on October 12 due to a sampler malfunction.
2. The TSS results exceeded the licence limit on 31 days in October due to increased wildlife activities.
3. There were no results for cBOD5 on October 9, 23, and 24 due to QC failures; the cBOD5 results met the licence limit in October.
4. The ammonia results met the licence limit in October.
5. The total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in October.
6. The monthly geometric means for fecal coliform and *E. coli* exceeded the licence limits in October due to a high geese population in the polishing cells.

Please note the following respecting the report for EAL #2684 RRR:

1. The TSS results exceeded the licence limit on three days in October due to intermittent high flow and by-pass events.
2. There were no results for cBOD5 on October 9, 23, and 24 due to QC failures; the cBOD5 results met the licence limit in October.
3. The ammonia results exceeded the licence limit on 29 days in October; the City will not be able to achieve the ammonia limits at the NEWPCC during summer months until it is fully upgraded.

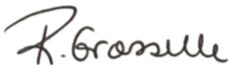
4. The total phosphorus and total nitrogen thirty-day rolling averages exceeded the licence limits in October; the City will not be able to achieve the nutrient limits at the NEWPCC until it is fully upgraded.
5. The monthly geometric means for fecal coliform and *E. coli* met the licence limits in October.

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

1. The TSS results met the licence limit in October.
2. There were no results for cBOD5 on October 9, 23, and 24 due to QC failures and the sample on October 20 was not analyzed due to a lab error; the cBOD5 results met the licence limit in October.
3. The ammonia results met the licence limit in October.
4. The total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in October.
5. The monthly geometric mean for *E. coli* exceeded the licence limit in October due to chemical addition for phosphorus removal during BNR commissioning and equipment issues. The City is working with the Project Team to adjust the operating parameters and to advance UV channel work.

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,

A handwritten signature in black ink that reads "R. Grosselle".

R. Grosselle
Manager of Environmental Standards

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Enclosures

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