

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

January 30, 2023

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

The December 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. The TSS results met the licence in December.
2. The cBOD5 results met the licence limit in December.
3. The ammonia results met the licence limit in December.
4. The total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in December.
5. The monthly geometric means for fecal coliform and *E. coli* met the licence limits in December.

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

1. The TSS result exceeded the licence limit on one day in December due to a malfunction of the sweep system in a secondary clarifier.
2. The cBOD5 results met the licence limit in December.
3. Ammonia and ortho-phosphorus were not analyzed on December 24 due to a lab error; the ammonia results met the licence limit in December.
4. The total phosphorus and total nitrogen thirty-day rolling averages exceeded the licence limits in December; the City will not be able to achieve the nutrient limits at the NEWPCC until it is fully upgraded.

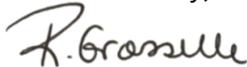
5. The monthly geometric means for fecal coliform and *E. coli* met the licence limits in December.

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

1. The TSS results met the licence limit in December.
2. The cBOD5 results met the licence limit in December.
3. The ammonia results met the licence limit in December.
4. The total phosphorus thirty-day rolling average exceeded the licence limit on nine days in December during process adjustments to improve nitrogen removal.
5. The total nitrogen thirty-day rolling average exceeded the licence limit on 28 days in December due to an unexpected, prolonged increase of incoming TN concentration from the collection system, as well as seasonal shift in influent characteristics.
6. The monthly geometric mean for *E. coli* met the licence limit in December.

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

NC

Enclosures

cc: T. Shanks, P. Eng. (e-mail)
C. Carroll, P. Eng. (e-mail)