

Manitoba Environment and Climate
Environmental Compliance and Enforcement Branch
Box 36, 14 Fultz Blvd
Winnipeg MB R3Y 0L6
Attention: Ms. Kristal Harman, Director

October 30, 2023

RE: SEPTEMBER 2023 MONITORING REPORTS FOR THE CITY OF WINNIPEG WATER POLLUTION CONTROL CENTRES

The September 2023 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 exceeded the licence limit on 20 days in September due to increased wildlife activities.
2. The cBOD5 results met the licence limit in September.
3. The ammonia results met the licence limit in September.
4. The total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in September.
5. The monthly geometric means for fecal coliform and *E. coli* exceeded the licence limits in September due to a high geese population in the polishing cells.

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

1. The TSS result exceeded the licence limit on two days in September due to intermittent high flow and by-pass events.
2. The cBOD5 results met the licence limit in September.
3. The ammonia result exceeded the licence limit in September; the City will not be able to achieve the ammonia limits year-round at the NEWPCC until it is fully upgraded.
4. The total phosphorus and total nitrogen thirty-day rolling averages exceeded the licence limits in September; 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 limit.

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

1. There was no 24-hour composite sample on September 12 due to a sampler malfunction that occurred during a scheduled plant shut-down.
2. The TSS results met the licence limit in September.
3. The cBOD5 results met the licence limit in September.
4. The ammonia results met the licence limit in September.
5. The total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in September.
6. The monthly geometric mean for *E. coli* exceeded the licence limit in September due to suspected groundwater infiltration, post UV treatment. The City is working with the SEWPCC Upgrade Project Team to address the issue.

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 cursive script that reads 'R. Grosselle'.

R. Grosselle
Manager of Environmental Standards

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Enclosures

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