

Manitoba Environment and Climate Change
Environmental Compliance and Enforcement Branch
Box 36, 14 Fultz Blvd
Winnipeg MB R3Y 0L6

September 27, 2024

Attention: Ms. Yvonne Hawryliuk, Acting Director

RE: AUGUST 2024 MONITORING REPORTS FOR THE CITY OF WINNIPEG WATER POLLUTION CONTROL CENTRES

The August 2024 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 limit in August.
2. There were no results for cBOD5 on August 8, 10, and 25 due to QC failures; the cBOD5 results met the licence limit in August.
3. There was no result for ammonia on August 19 due to a lab error; the ammonia results met the licence limit in August.
4. The total phosphorus and total nitrogen thirty-day rolling averages met the licence limit in August.
5. The monthly geometric means for fecal coliform and *E. coli* met the licence limits in August.

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

1. The TSS results exceeded the licence limit on three days in August due to intermittent high flow and bypass events.
2. There were no results for BOD5 and cBOD5 on August 8, 10, and 25 due to QC failures; the cBOD5 result exceeded the licence limit on one day in August due to intermittent high flow and bypass events.
3. The ammonia results exceeded the licence limit in August; 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 thirty-day rolling average exceeded the licence limit on 14 days in August. Commissioning of NEWPCC interim phosphorus removal project is on-going.

5. The total nitrogen thirty-day rolling average exceeded the licence limits. The City will not be able to achieve the total nitrogen limits at the NEWPCC until it is fully upgraded.
6. There was no result for pH on August 21 due to a lab error; the monthly geometric means for fecal coliform and *E. coli* exceeded the licence limits due to reduced UVT (UV transmissivity) during the commissioning of NEWPCC interim phosphorus removal project. The City is optimizing the ferric dose to meet the *E. coli* and fecal coliform limits.

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

1. There was no 24-hour composite sample on August 17 because the sample was not representative.
2. The TSS result exceeded the licence limit on one day in August, the cause of the exceedance could not be determined.
3. There were no results for BOD5 and cBOD5 on August 8, 10, and 25 due to QC failures; the cBOD5 results met the licence limit in August.
4. There was no result for ammonia on August 19 due to a lab error; the ammonia results met the licence limit in August.
5. The total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in August.
6. 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,

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

R. Grosselle
Manager of Environmental Standards

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Enclosures

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