

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

June 29, 2023

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

The May 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 four days in May due to seasonal turnover and increased wildlife activities.
2. There was no result for cBOD5 on May 21 due to a QC failure and on May 29 due to a lab error; the cBOD5 results met the licence limit in May.
3. There were no results for ammonia and ortho-phosphorus on May 13 due to a sample preparation error; the ammonia results met the licence limit in May.
4. The total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in May.
5. The monthly geometric means for fecal coliform and *E. coli* met the licence limits in May.

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

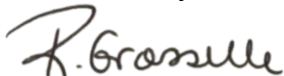
1. The TSS result exceeded the licence limit on one day in May due to intermittent high flow and bypass events.
2. The cBOD5 result exceeded the licence limit on one day in May due to intermittent high flow and bypass events.
3. The ammonia results met the licence limit in May.
4. The total phosphorus and total nitrogen thirty-day rolling averages exceeded the licence limits in May; 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 May.

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

1. There was no 24-hour composite sample on May 29 due to a sampler malfunction.
2. The TSS results met the licence limit in May.
3. The cBOD5 results met the licence limit in May.
4. There were no results for ammonia and ortho-phosphorus on May 17 due to a sample preparation error; the ammonia results met the licence limit in May.
5. The total phosphorus thirty-day rolling average exceeded the licence limit on 11 days in May due to process adjustments, which were required to address sludge settling issues caused by high flow events.
6. The total nitrogen thirty-day rolling average met the licence limit in May.
7. The monthly geometric mean for *E. coli* met the licence limit in May. Effective May 8, 2023, the grab sampling location was switched from the UV facility to the final effluent monitoring station. An increase in *E. coli* content was observed following this change, and an investigation is in progress; we will notify you of our findings and next steps.

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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