

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

September 29, 2023

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

The August 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. There was no 24-hour composite sample on August 31 due to a power outage at the effluent monitoring station.
2. The TSS results met the licence limit in August.
3. There was no result for cBOD5 on August 30 due to a QC failure; the cBOD5 results met the licence limit in August.
4. There was no result for ammonia on August 30 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 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 result exceeded the licence limit on two days in August due to intermittent high flows and bypass events.
2. There were no results for BOD5 and cBOD5 on August 30 due to a QC failure; the cBOD5 results met the licence limit in August.
3. The ammonia result 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.

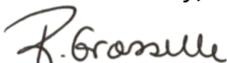
4. The total phosphorus and total nitrogen thirty-day rolling averages exceeded the licence limits in August; the City will not be able to achieve the nutrient limits at the NEWPCC until it is fully upgraded.
5. The monthly geometric mean for fecal coliform exceeded the licence limit due to intermittent high flows and bypass events and the monthly geometric mean for *E. coli* met the licence limit in August.

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

1. There was no 24-hour composite sample on August 1 due to a sampler malfunction and on August 2 due to a technician error.
2. The TSS results met the licence limit in August.
3. There were no results for BOD5 and cBOD5 on August 30 due to a QC failure; the cBOD5 results met the licence limit in August.
4. 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* exceeded the licence limit in August 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 black ink 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)