



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

August 30, 2023

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

The July 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 eight days in July due to increased wildlife activities.
2. The cBOD5 results met the licence limit in July.
3. The ammonia results met the licence limit in July.
4. The total phosphorus thirty-day rolling average exceeded the licence limit on 15 days in July. The total phosphorus results met the licence limit leaving the treatment plant, but the levels increased through the polishing ponds.
5. The total nitrogen thirty-day rolling average met the licence limits in July.
6. There were no results for fecal coliform and *E. coli* on July 6 due to a contract lab error, no result for pH on July 13 due to a technician error, and pH was not analyzed on July 20 due to technician error; the monthly geometric means for fecal coliform and *E. coli* met the licence limits in July.

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

1. The TSS result exceeded the licence limit on six days in July due to intermittent high flows and bypass events.
2. There was no result for cBOD on July 24 due to an instrument malfunction; the cBOD5 results met the licence limit in July.
3. The ammonia result exceeded the licence limit on 28 days in July; 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 July; the City will not be able to achieve the nutrient limits at the NEWPCC until it is fully upgraded.
5. There were no results for fecal coliform and *E. coli* on July 5 due to a contact lab error; the monthly geometric means for fecal coliform and *E. coli* exceeded the licence limits in July due to intermittent high flows and bypass events.

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

1. There were no 24-hour composite samples on July 29, 30, and 31 due to intermittent sampler malfunctions, which resulted in non-representative samples.
2. The TSS result exceeded the licence limit on one day in July due to intermittent high flows and bypass events.
3. The cBOD5 results met the licence limit in July.
4. The ammonia results met the licence limit in July.
5. The total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in July.
6. There was no result for *E. coli* on July 6 due to a contract lab error; the monthly geometric mean for *E. coli* exceeded the licence limit in July 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

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