

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

December 29, 2023

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

The November 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 on November 16 due to a sampler malfunction.
2. The TSS result exceeded the licence limit on 14 days in November due to increased wildlife activities.
3. There was no cBOD5 result on November 22, 23, 26, and 27 due to QC failures; the cBOD5 results met the licence limit in November.
4. The ammonia results met the licence limit in November.
5. The total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in November.
6. The monthly geometric means for fecal coliform and *E. coli* met the licence limits in November.

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

1. The TSS result exceeded the licence limit on one day in November due to intermittent high flow and bypass events.
2. There were no results for BOD5 and cBOD5 on November 22, 23, 26, and 27 due to QC failures; the cBOD5 results met the licence limit in November.
3. The ammonia result exceeded the licence limit on 20 days in November; 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 November; the City will not be able to achieve the nutrient limits at the NEWPCC until it is fully upgraded.
5. There was no result for pH on November 24 due to a technician error.
6. 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. The TSS results met the licence limit in November.
2. There were no results for BOD5 and cBOD5 on November 22, 23, 26, and 27 due to QC failures; the cBOD5 results met the licence limit in November.
3. The ammonia results met the licence limit in November.
4. The total phosphorus thirty-day rolling average met the licence limit in November.
5. The total nitrogen thirty-day rolling average exceeded the licence limit on seven days in November, likely due to a seasonal shift in influent characteristics.
6. The monthly geometric mean for *E. coli* exceeded the licence limit in November 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 blue ink, appearing to read 'M. Marsland'.

M. Marsland
Acting Manager of Environmental Standards

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Enclosures

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