



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

April 30, 2024

Attention: Ms. Kristal Harman, Director

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

The March 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 exceeded the licence limit on four days in March due to seasonal turnover and increased wildlife activities.
2. The cBOD5 results met the licence limit in March.
3. The ammonia results met the licence limit in March.
4. The total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in March.
5. The monthly geometric means for fecal coliform and *E. coli* met the licence limits in March.

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

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

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

1. The TSS result exceeded the licence limit on one day in March due to insufficient performance of the high rate clarifiers during a planned shutdown of raw sewage pumping.
2. The cBOD5 results met the licence limit in March.
3. The ammonia results met the licence limit in March.
4. The total phosphorus thirty-day rolling average exceeded the licence limit on 13 days in March due to a process upset caused by a reduction of incoming raw sewage, as a result of the sewage leak at the river crossing at 3100 Abinojii Mikanah in February 2024.
5. The total nitrogen thirty-day rolling average exceeded the licence limit on 11 days in March due to an unexpected, prolonged increase of incoming TN concentration from the collection system, and a seasonal shift in influent characteristics.
6. The monthly geometric mean for *E. coli* met the licence limit in March.

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

NC

Enclosures

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