



Manitoba Conservation and Climate
Environmental Compliance and Enforcement Branch
1007 Century Street
Winnipeg, MB R3H 04W
Attention: Ms. Kristal Harman, Director

September 29, 2021

RE: AUGUST 2021 MONITORING REPORTS FOR THE CITY OF WINNIPEG WATER POLLUTION CONTROL CENTRES

The August 2021 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 22 days in August due to algae growth, die off and increased wildlife activities in the polishing cells.
2. There was no cBOD5 result on August 3 due to a technician error; the cBOD5 results met the licence limit in August.
3. The ammonia results and the total nitrogen thirty-day rolling average met the licence limits.
4. The total phosphorus thirty-day rolling average exceeded the licence limit on three days in August. The total phosphorus results met the licence limit leaving the treatment plant, but the levels increased through the polishing cell.
5. 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 results exceeded the licence limit on four days in August due to intermittent high flows and bypass events.
2. There was no cBOD5 result on August 3 due to a technician error; the cBOD5 results exceeded the licence limit on four days in August due to intermittent high flows and bypass events.
3. 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.

4. 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.
5. The monthly geometric mean for *E. coli* met the licence limit and the monthly geometric mean for fecal coliform exceeded the licence limit in August due to intermittent high flows and bypass events.

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

1. The TSS result exceeded the licence limit on one day in August due to intermittent high flow and bypass events.
2. There was no cBOD5 result on August 3 due to a technician error; the cBOD5 results met the licence limit in August.
3. The monthly geometric mean for *E. coli* met the licence limit in August.

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,

*Original signed by R. Grosselle
(Signed original available upon request)*

R. Grosselle
Manager of Environmental Standards

NC

Enclosures

cc: M. L. Geer, CPA, CA (e-mail)
C. Carroll, P. Eng (e-mail)