



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

June 30, 2022

RE: MAY 2022 MONITORING REPORTS FOR THE CITY OF WINNIPEG WATER POLLUTION CONTROL CENTRES

The May 2022 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 were no 24-hour composite samples on May 14 and 15 due to a sampler malfunction.
2. The TSS results exceeded the licence limit on 12 days in May due to seasonal turnover and increased wildlife activities.
3. The cBOD5 results met the licence limit in May.
4. The ammonia results and the total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in May.
5. The monthly geometric means for fecal coliform and *E. coli* met the licence limits in May.

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

1. The TSS results exceeded the licence limit on 16 days in May due to intermittent high flows and bypass events.
2. The cBOD5 results exceeded the licence limit on five days in May due to intermittent high flows and bypass events.
3. The total phosphorus and total nitrogen thirty-day rolling averages exceeded the licence limits in May; the City will not be able to achieve the nutrient limits at the NEWPCC until it is fully upgraded.
4. The ammonia results met the licence limit in May.

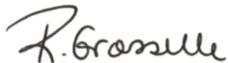
6. The monthly geometric means for fecal coliform and *E. coli* exceeded the licence limits in May due to intermittent high flows and bypass events.

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

1. There was no 24-hour composite sample on May 18 due to a sample overflow.
2. The TSS results exceeded the licence limit on seven days in May, however the flow exceeded 98.6 ML/day on these days, therefore the results are not considered to be exceedances.
3. The cBOD5 results exceeded the licence limit on four days in May, however the flow exceeded 98.6 ML/day on these days, therefore the results are not considered to be exceedances.
4. The total phosphorus and total nitrogen thirty-day rolling averages exceeded the licence limits in May; the City will not be able to achieve the nutrient limits at the SEWPCC until the biological nutrient removal (BNR) process is fully implemented. Commissioning of the BNR process began on May 30, 2022 and is on schedule to treat 100% of the primary effluent via the BNR process by August 31, 2022.
5. The ammonia results met the licence limit in May.
6. The monthly geometric mean for *E. coli* met the licence limit in May.

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)
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