

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

May 30, 2022

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

The April 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. The TSS results met the licence limit April.
2. The cBOD5 results met the licence limit in April.
3. The ammonia results and the total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in April.
4. There was no grab sample on April 13 because the site was inaccessible due to adverse weather conditions.
5. The monthly geometric means for fecal coliform and *E. coli* met the licence limits in April.

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

1. The TSS results exceeded the licence limit on 20 days in April due to intermittent high flows and bypass events.
2. The cBOD5 results exceeded the licence limit on 12 days in April due to intermittent high flows and bypass events.
3. The total phosphorus and total nitrogen thirty-day rolling averages exceeded the licence limits in April; the City will not be able to achieve the nutrient limits at the NEWPCC until it is fully upgraded.
4. There was no result for ammonia on April 14 due to interference; the ammonia results met the licence limit in April.

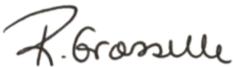
6. There was no result for fecal coliform on April 13 and no results for fecal coliform and *E. coli* on April 28 due to contract lab errors; the monthly geometric means for fecal coliform and *E. coli* exceeded the licence limits in April due to intermittent high flows and bypass events.

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

1. The TSS results exceeded the licence limit on 11 days in April, however the flow exceeded 98.6 ML/day on these days, therefore the results are not considered to be exceedances.
2. The cBOD5 results exceeded the licence limit on six days in April, however the flow exceeded 98.6 ML/day on these days, therefore the results are not considered to be exceedances.
3. The total phosphorus and total nitrogen thirty-day rolling averages exceeded the licence limits in April; the City will not be able to achieve the nutrient limits at the SEWPCC until the biological nutrient removal (BNR) process is 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.
4. The ammonia results met the licence limit in April.
5. There were no results for pH and temperature on April 13 due to a lab error; the monthly geometric mean for *E. coli* met the licence limit in April.

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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