

Water and Waste Department • Service des eaux et des déchets

Environmental Standards Division • Division des Normes Environnementales

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Manitoba Sustainable Development Environmental Compliance and Enforcement Branch 1007 Century Street Winnipeg, MB R3H 04W

EMS

Attention: Mr. Don Labossiere, Regional Director

RE: MAY 2018 MONITORING REPORTS FOR THE WEST END WATER POLLUTION CONTROL CENTRE LICENCE NO. 2669 E RR, THE NORTH END WATER POLLUTION CONTROL CENTRE LICENCE NO. 2684 RRR AND THE SOUTH END WATER POLLUTION CONTROL CENTRE LICENCE NO. 2716 RR

The May 2018 Monitoring Reports for Licence No. 2669 E RR issued for the City of Winnipeg West End Water Pollution Control Centre (WEWPCC), Licence No. 2684 RRR issued for the City of Winnipeg North End Water Pollution Control Centre (NEWPCC) and Licence No. 2716 RR issued for the City of Winnipeg South End Water Pollution Control Centre (SEWPCC) are attached. This information is provided under compulsion of law in accordance with the requirements under the Environment Act Licences #2669 E RR, #2684 RRR and #2716 RR.

Please note the following respecting the report for Licence #2669 E RR:

- 1. The TSS results exceeded the licence limit on twenty days in May due to seasonal pond turnover and increased wildlife activities.
- 2. There was no result for cBOD5 on May 27 due to a QC failure; the cBOD5 results met the licence limit in May.
- 3. The ammonia results and the total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in May.
- 4. The monthly geometric means for fecal coliform and *E. coli* met the licence limits in May.

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

- 1. The TSS results exceeded the licence limit on three days in May due to intermittent high flows and bypass events.
- 2. There were no results for BOD5 and cBOD5 on May 27 due to a QC failure; the BOD5 result exceeded the licence limit on four days in May. The exceedences on May 5 and 13 were due to the occurrence of nitrification and the exceedences on May 18 and 30 were due to intermittent high flows and bypass events.
- 3. There were no results for ammonia and ortho-phosphorus on May 25 due to a technician error.
- 4. The monthly geometric mean for fecal coliform met the licence limit; the monthly geometric mean for *E. coli* exceeded the licence limit in May. Intermittent high flows and bypass events contributed to the *E. coli* limit exceedence.

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

- 1. The TSS results exceeded the licence limit on three days in May The exceedences on May 18 and 26 were due to intermittent high flows and bypass events and the cause for exceedence on May 28 is unknown.
- 2. There were no results for BOD5 and cBOD5 on May 27 due to a QC failure; the cBOD5 results exceeded the licence limit on two days in May. The exceedence on May 18 was due to intermittent high flows and bypass events and the exceedence on May 22 was due to an issue with the draft tube of secondary clarifier #2, as previously reported.
- 3. 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,

Original signed by:

R. Grosselle Manager of Environmental Standards

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Enclosures

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