



Water and Waste Department • Service des eaux et des déchets

Environmental Standards Division • Division des Normes Environnementales

November 30, 2018

Our File No: 040-17-08-29-00

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

040-17-08-15-00

040-17-08-35-00

EMS

Attention: Mr. Don Labossiere, Regional Director

RE: OCTOBER 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 October 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. There was no 24 hour composite sample on October 8 and 9 due to a power failure.
2. A power outage on October 15 caused in an erroneous final effluent daily flow reading which has been omitted from the report, as a result the ammonia loading could not be calculated for this day.
3. The TSS results exceeded the licence limit on 28 days in October due to algae die off and high geese population in the polishing cells.
4. There were no results for cBOD on October 5, 6, 12, and 13 due to QC failures, and from October 17 to 21 due to a contamination of the dilution water used in testing; the cBOD5 results met the licence limit in October.
5. There was no result for ortho-phosphorus on October 12 due to a sample contamination; the ammonia results and the total phosphorus and total nitrogen thirty-day rolling averages met the licence limits in October.
6. The monthly geometric means for fecal coliform and E. coli exceeded the licence limits in October due to high geese population in the polishing cells.

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

1. The TSS results exceeded the licence limit on three days in October due to intermittent high flows and bypass events.
2. There were no results for BOD5 and cBOD5 on October 5, 6, 12, and 13 due to QC failures, and from October 17 to 21 due to a contamination of the dilution water used in testing; the BOD5 result exceeded the licence limit on two days in October due to intermittent high flows and bypass events.
3. The monthly geometric means for fecal coliform and *E. coli* met the licence limits.

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

1. The TSS results exceeded the licence limit on four days in October due to high sludge blankets and poor settling in the secondary clarifiers. Operations staff are taking measures to mitigate this issue.
2. There were no results for BOD5 and cBOD5 on October 5, 6, 12, and 13 due to QC failures, and from October 17 to 21 due to a contamination of the dilution water used in testing. The cBOD5 result exceeded the licence limit on one day in October due to high sludge blankets and poor settling in the secondary clarifiers. Operations staff are taking measures to mitigate this issue.
3. The monthly geometric mean for *E. coli* met the licence limit in October.

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

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