



Water and Waste Department • Service des eaux et des déchets

April 29, 2016

Our Files: 040-17-08-29-00
040-17-08-15-00
040-17-08-35-00

Don Labossiere
Director, Environmental Compliance and Enforcement
Manitoba Conservation and Water Stewardship
1007 Century Street
Winnipeg MB R3H 0W4

Dear Mr. Labossiere:

RE: MARCH 2016 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 March 2016 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 met the licence limit in March.
2. There were no cBOD5 results on March 11, 16 and 24 due to QC failures. The cBOD5 results exceeded the licence limit on 10 days in March.
3. The ammonia results met the licence limit in March.
4. The total nitrogen thirty-day rolling average and the total phosphorus thirty-day rolling average exceeded the licence limits for the month of March.
5. The monthly geometric mean for fecal coliform and *E. coli* exceeded the licence limits in March.

As mentioned in previous submissions, the exceedences are due to the reduced treatment capacity as a result of the scheduled Returned Activated Sludge line replacement project. Additional information on the progress of the project and impact of plant performance has been provided to Manitoba Conservation through email communication.

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

1. The TSS exceeded the licence limit on 10 days in March due to intermittent high flows and bypass events. The flow exceeded 380 ML/day on March 15 and 16, therefore in accordance with the licence, the TSS values for these days are not considered to be exceedences.
2. There were no results for BOD5 or cBOD5 on March 11, 16 and 24 due to QC failures. The BOD5 results exceeded the licence limit on 8 days in March due to intermittent high flows and bypass events and the occurrence of nitrification, as we have indicated in earlier monitoring submissions

and shown through testing. The flow exceeded 380 ML/day on March 15, therefore in accordance with the licence, the BOD5 value for this day is not considered to be an exceedence.

3. The monthly geometric mean for *E. coli* met the licence limit, but the fecal coliform exceeded the licence limit in March due to intermittent high flows and bypass events. Please be advised that we have adjusted our sample collection time to better align with peak daily flow effective March 1, 2016.

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

1. The TSS result exceeded the licence limit on 2 days in March due to intermittent high flows and bypass events. The flow exceeded 98.6 ML/day on March 15, therefore in accordance with the licence, the TSS value for this day is not considered to be an exceedence.
2. There were no results for BOD5 or cBOD5 on March 11, 16 and 24 due to QC failures. The cBOD5 result exceeded the licence limit on 2 days in March due to intermittent high flows and bypass events. The flow exceeded 98.6 ML/day on March 15, therefore in accordance with the licence, the BOD5 value for this day is not considered to be an exceedence.
3. There was no result for *E. coli* on March 28 due to a contract lab error. The monthly geometric mean for *E. coli* met the licence limit in March.

Please let me know of any concerns or questions respecting this submission. I may 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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Attachments

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

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