



Water and Waste Department • Service des eaux et des déchets

May 30, 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 Sustainable Development
1007 Century Street
Winnipeg MB R3H 0W4

Dear Mr. Labossiere:

RE: APRIL 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 April 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. There was no 24-hour composite sample on April 30 due to a sampler malfunction.
2. The TSS results exceeded the licence limit on 16 days in April due to seasonal pond turnover and increased wildlife activities.
3. There were no cBOD5 results on April 8, 16, 19 and 27 due to technician errors and no result on April 22 due to a QC failure. The cBOD5 results met the licence limit in April.
4. The ammonia results met the licence limit in April.
5. The total phosphorus thirty-day rolling average exceeded the licence limit on 13 days in April. The total nitrogen thirty-day rolling average exceeded the licence limit for the month of April.

As mentioned in previous submissions, the total phosphorus and total nitrogen 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.

6. There were no results for temperature for the grab sample on April 23 and 24 due to a technician error.
7. The monthly geometric mean for fecal coliform and *E. coli* met the licence limits in April.

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

1. The TSS exceeded the licence limit on 4 days in April. The elevated TSS values on April 6 and 15 were due intermittent high flows and bypass events. The flow exceeded 380 ML/day on April 16 and 17, 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 and/or cBOD5 on April 8, 16, 19 and 27 due to technician errors and no result on April 22 due to a QC failure. The BOD5 results exceeded the licence limit on 4 days in April. The elevated BOD5 values on April 6, 14, and 15 were due 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 April 16, 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 ammonia on April 14 and no result for ortho-phosphorus on April 14 and 17 due to technician errors.
4. There was no result for temperature for the grab sample on April 22, 23, and 24 due to a technician error, and no result for pH on April 27 due to a sample leak.
5. The monthly geometric mean for fecal coliform and *E. coli* met the licence limits in April.

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

1. The TSS result exceeded the licence limit on April 16. The flow exceeded 98.6 ML/day on that day, therefore in accordance with the licence, the TSS value is not considered to be an exceedence.
2. There were no results for BOD5 and/or cBOD5 on April 8, 16, 19 and 27 due to technician errors and no result on April 22 due to a QC failure. The cBOD5 results met the licence limit in April.
3. There was no result for ammonia on April 14 due to a technician error.
4. There was no result for temperature for the grab sample on April 23 and 24 due to a technician error.
5. 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 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

NC
Attachments

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