



Water and Waste Department • Service des eaux et des déchets

February 27, 2009

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

Mr. Rafiqul Chowdhury
Environmental Assessment and Licensing Branch
Manitoba Conservation
Suite 160 – 123 Main Street
Winnipeg, Manitoba
R3C 1A5

Dear Mr. Chowdhury:

RE: JANUARY 2009 MONITORING REPORTS FOR THE WEST END WATER POLLUTION CONTROL CENTRE LICENCE NO. 2669 E R, THE NORTH END WATER POLLUTION CONTROL CENTRE LICENCE NO. 2684 R R AND THE SOUTH END WATER POLLUTION CONTROL CENTRE LICENCE NO. 2716

Attached please find the January 2009 Monitoring Reports for Licence No. 2669 E R issued for the City of Winnipeg West End Water Pollution Control Centre (WEWPCC), Licence No. 2684 R R issued for the City of Winnipeg North End Water Pollution Control Centre (NEWPCC) and Licence No. 2716 issued for the City of Winnipeg South End Water Pollution Control Centre (SEWPCC).

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

1. The TSS results met the limit set in the licence for January.
2. The cBOD5 results met the limit set in the licence in January.
3. On January 2, 3, 4, and 16 there were no 24 hour composite samples because the sampling location was inaccessible due to snow. On January 5 and 17, there were no 24 hour composite samples because the samples were unrepresentative due to the fact that the containers contained samples from previous days.
4. On January 3, 4, 5, and 17 there were no grab samples because the sampling location was inaccessible due to snow.
5. On January 24, 25, and 26 there were no results for total nitrogen due to a technician error.
6. We are pleased to report that during the month of January, the fecal coliform and E. coli results met the limits set in the licence.

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

1. On January 6, the TSS value exceeded the 30 mg/L limit in the licence. The average TSS result met the limit set in the licence for January.
2. The BOD5 results were in excess of the 30 mg/L limit in the licence for 7 days in January. As indicated in earlier monitoring submissions, the cBOD5 and TOC results have been consistently

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low, and through testing we have shown that these high results are due to nitrification occurring. The average value for the month met the limit set in the licence.

3. On January 4 and 5, there were no 24 hour composite samples due to the automatic sampler malfunctioning.
4. In January, the fecal coliform and E. coli results limits were exceeded. As of January 6, we have removed channel #3 and now only have two channels in service. The channel was taken out of service for repairs. To this date it is still out of service and we are waiting for the manufacturer to assist us in addressing the issues. Staff from our Engineering and Wastewater Services division are investigating the on-going process issues with the UV disinfection facility. We hope to have these issues resolved in the near future.

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

1. On January 6, the TSS value exceeded the 30 mg/L limit in the licence. The average TSS result met the limit set in the licence for January.
2. The BOD5 value exceeded the limit set in the licence for 2 days in January. The cBOD5 and TOC results have been consistently low; therefore we believe that nitrification is occurring. The average BOD5 for January met the limit set in the licence.
3. We are pleased to report that during the month of January, the fecal coliform and E. coli results met the limits set in the licence.

Please let me know of any concerns or questions respecting this submission. I may be reached at the above address, by telephone at 986-4807 or by email at kkjartanson@winnipeg.ca.

Thanks for your ongoing cooperation and understanding in this matter.

Yours sincerely,

Original signed by:

K.J.T. Kjartanson, P.Eng.
Manager of Environmental Standards

KJTK/RG
Attachments

c: Cliff Lee, P.Eng., Assistant Director of Red River Region
B.D. MacBride, P.Eng.
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