



Water and Waste Department • Service des eaux et des déchets

January 19, 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: DECEMBER 2008 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 December 2008 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 December.
2. The cBOD5 results met the limit set in the licence in December.
3. On December 13 and 14, there were no 24 hour composite samples because the automatic sampler was frozen.
4. On December 26, there was no result for pH due to a technician error.
5. We are pleased to report that during the month of December, 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. The TSS results met the limit set in the licence for December.
2. The BOD5 results were in excess of the 30 mg/L limit in the licence for 13 days in December. As indicated in earlier monitoring submissions, the cBOD5 and TOC results have been consistently low, and through testing we have shown that these high results are due to nitrification occurring. The average value for the month did not meet the limit set in the licence.
3. On December 2 and 3, there were no results for total nitrogen due to a possible sample contamination. The samples were analyzed twice and we could not obtain a valid result.

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4. We are pleased to report that during the month of December, the fecal coliform and E. coli results met the limits set in the licence.

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

1. On December 24, 29, 30 and 31, the TSS values exceeded the limit set in the licence. On December 24 and 31 preventative maintenance was being done on our raw sewage pumps which increased the raw sewage flows and contributed to higher solids levels. We do not have reasons for the high TSS values on December 29 and 30. The average TSS result met the licence limit in December.
2. The BOD5 value exceeded the limit set in the licence for 18 days in December. The cBOD5 and TOC results have been consistently low; therefore we believe that nitrification is occurring. The average BOD5 for December did not meet the limit set in the licence.
3. On December 6, there was no result for total nitrogen due to a sample interference.
4. On December 2 and 3, there were no results for the final effluent grab samples due to plant shutdowns to facilitate cleaning of the barscreens and grit channels. The plant shutdowns took place each day from 0800 hours to 1200 hours from December 2 to 5.
5. On December 4, the coliform results were not included in the geometric mean because the plant was shutdown to facilitate cleaning of the barscreens and grit channels. The coliform grab samples were affected and therefore were not representative samples. On December 5, there were no results for coliforms due to a lab error. On December 19, the coliform results were not included in the geometric mean because the plant was shut down to facilitate UV intensity module repairs. We are pleased to report that during the month of December, 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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M.A. Shkolny, P.Eng.