



Water and Waste Department • Service des eaux et des déchets

December 23, 2011

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

Ms. Siobhan Burland-Ross
Environmental Assessment and Licensing Branch
Manitoba Conservation
Suite 160 – 123 Main Street
Winnipeg, Manitoba
R3C 1A5

Dear Ms. Burland-Ross:

RE: NOVEMBER 2011 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 R

Attached please find the November 2011 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 R issued for the City of Winnipeg South End Water Pollution Control Centre (SEWPCC). This information is provided under compulsion of law and in accordance with licence requirements.

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

1. There were no 24 hour composite samples on November 17, 20, 21, 26, and 27 due to an electric equipment malfunction. The breaker for the auto sampler was repaired and the issue has been resolved.
2. We are pleased to report that the ammonia results have met the limit set in the licence. The total nitrogen thirty-day rolling average met the limit set in the licence in November. The total phosphorus thirty-day rolling average met the limit set in the licence for the last 14 days in November. The total phosphorus results met the limit set in the licence coming out of the treatment plant but the levels increase through the polishing cells.
3. The TSS results were in excess of the 30 mg/L limit in the licence on 7 days in November. The cause for the high values is unknown. The TSS average result met the limit set in the licence in November.
4. There was no result for cBOD5 on November 19 due to a quality control failure. The cBOD5 results met the limit set in the licence November.
5. We are pleased to report that during the month of November the fecal coliform and E. coli results met the limits set in the licence.

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

1. The TSS results for November met the limit set in the licence.

2. There were no results for BOD5 and cBOD5 on November 19 and 26 due to quality control failures. The BOD5 results were in excess of the 30 mg/L limit in the licence on 21 days in November. 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 may be due to nitrification occurring. The BOD5 average result for November did not meet the limit set in the licence.
3. We are pleased to report that during the month of November the fecal coliform and E. coli results met the limits set in the licence.

As indicated in a letter sent on November 1, 2011 to Ms. Tracey Braun from Mr. William J. Borlase, a process malfunction occurred at SEWPCC on or about October 7, 2011. Additional information respecting this matter has been provided to Manitoba Conservation in accordance with the e-mail from Don Labossiere dated November 9, 2011. As you will note from the attached data, the process malfunction was brought under control around November 10, 2011.

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

1. On November 9, there was no 24 hour final effluent composite sample due to a sampler malfunction.
2. The TSS results were in excess of the 30 mg/L limit in the licence on 9 days in November. The TSS average result for November did not meet the limit set in the licence.
3. There were no results for BOD5 and cBOD5 on November 19 and 26 due to quality control failures. The BOD5 results were in excess of the 30 mg/L limit in the licence on 16 days in November. The BOD5 average result did not meet the limit set in the licence in November.
4. We are pleased to report that during the month of November 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 below 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: Mark Stephens, Manitoba Conservation
D. Sacher, P. Eng.
W. Watters, P.Eng.
M. Jack