



Water and Waste Department • Service des eaux et des déchets

July 31, 2006

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

Mr. Mike Van Den Bosch, P.Eng.
Environmental Assessment and Licensing Branch
Manitoba Conservation
Suite 160 – 123 Main Street
Winnipeg, Manitoba
R3C 1A5

Dear Mr. Van Den Bosch:

RE: JUNE 2006 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 AND THE SOUTH END WATER POLLUTION CONTROL CENTRE LICENCE NO. 2716

Attached please find the June 2006 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 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. On June 2 and 3, there were no results for BOD5 due to lab error, quality control failure.
2. On June 9, 10 and 11, there were no results for total phosphorus and total nitrogen because of a lab equipment failure.
3. On June 12, there was no result for fecal coliform because of a contract lab error.
4. There was a high ammonia level on June 15 and high total phosphorus and total nitrogen results on June 8 and total phosphorus on June 25 that cannot be explained.

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

1. On June 2 and 3, there were no results for BOD5 and CBOD5 due to lab error, quality control failure.
2. On June 7 and 8, there were no sample results reported for the final effluent composite sample due to a sample pump malfunction. This arose from work during plant shutdowns for scheduled work respecting the UV facility which is under construction. As was earlier noted in the May report, we have taken steps to avoid a reoccurrence.
3. As you will note from the Report, a high BOD5 result in excess of the limit of 30 mg/L was recorded on June 17. We do not know the cause for this high value.

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

1. On June 2 and 3, there were no results for BOD5 and CBOD5 due to lab error, quality control failure.
2. On June 3 and 4, there were no results for pH because the value was not recorded.
3. On June 15, there was no result for total phosphorus because of lab equipment failure.
4. On June 7 and 13, the total phosphorus results were 9.4 and 9.8 mg/L respectively. The high results were identified by Industrial Waste Services staff from waste hauler manifest records as being from Springfield Fertilizer on these days. The waste generator and hauler were contacted and future similar loads will be taken to NEWPCC for disposal.
5. As you will note from the Report, high BOD5 results in excess of the limit of 30 mg/L were recorded on June 5, 22 and 27. We had switched sampler maintenance to mid-week for June to see if this was the culprit. Although sampler maintenance may still be an issue, we are following-up with Industrial Waste Services staff to see if there is another cause of this anomaly. We will advise as to our findings. Total suspended solids on June 28 were also over the limit of 30 mg/L. The high TSS value is believed to be due to iron contamination from the sample pipe. This problem has happened in July as well and is being addressed. The geometric mean for fecal coliform was also in excess of the limit of 200 MPN/100 mL. Several samples collected were higher than normal although a cause is not known.

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:kk:pr
Attachments

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