



**Water and Waste Department • Service des Eaux et des Déchets**

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December 20, 2004

Our File: 040-17-08-27-00

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

Dear Sir:

**RE: NOVEMBER 2004 MONITORING REPORT FOR THE WEST END  
WATER POLLUTION CONTROL CENTRE LICENCE NO. 2669**

Attached please find the November 2004 Monitoring Report for Licence No. 2669 issued for the City of Winnipeg West End Water Pollution Control Centre (WEWPCC). Please note the following:

1. In accordance with our recent telephone discussion, we have included the raw wastewater flow data on the spreadsheet. These values are being used to calculate ammonia loading values until lagoon effluent flow values are available. Please let me know if you require the raw flow data for September and October.
2. You will note that in some cases the ortho-phosphorus results are greater than the total phosphorus results. This anomaly is due to the different methods used to measure the two forms of phosphorus in the effluent.
3. You will note that the bacteriological results increased significantly when the operation was switched from the 5-cell to the 2-cell winter operating mode in mid November.
4. You will note once again that a few data points have been missed because of sampler malfunction or lab error. We apologize for these errors.

The following items that were noted in the covering letters for the September and October monitoring submissions still require resolution from Manitoba Conservation:

1. As discussed, we are assuming that the Schedule "A" monitoring will be conducted on a quarterly basis as specified in Clause #31 and not on a monthly basis as noted in Schedule "A". Please confirm this.

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2. The "average" cBOD5 value provided in the September spreadsheet was actually the "mode" value. Since many of the values being determined are "less than" values, to determine an average we are proposing to use the convention of using half the value for any "less thans" reported. This convention has been used in the October and November reports. Please confirm that this will be acceptable and advise if you wish the September report to be adjusted accordingly.
3. Under Clause #29 e) ii), we are required to report "flow conditions on each day the sample was collected". Please explain what this means.
4. As was indicated in my letter dated November 3, 2004, we are planning to submit annual reports required under Clauses #31, 32 and 33 on a calendar year basis. The report for Clauses #31 and 32 would therefore be submitted by the end of February 2005 for 2004 (even though the Licence does not require the submission of results for Clause #32). We indicated that the report for Clause #33 would be submitted by the end of February 2006 for 2005. We have noted, however, that the Licence stipulates submission of the annual report for this Clause 30 days after the year-end, which would make it the end of January 2006. Please indicate if this is an error in the Licence and if the submission deadline should be 60 days as per Clause #31.

As was discussed over the telephone, a separate letter will be sent to the Director of Environmental Approvals respecting non-compliance with Clauses #25 and #29 e) i) of 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](mailto:kkjartanson@winnipeg.ca).

Thanks for your cooperation and understanding in this matter.

Yours sincerely,

*Original signed by:*

K.J.T. Kjartanson, P.Eng.  
Acting Manager of Laboratory Services

KJTK:kk  
Attachment

c: Cliff Lee, P.Eng., Acting Director of Red River Region  
B.D. MacBride, P.Eng.  
W.J. Borlase, P.Eng.  
M.A. Shkolny, P.Eng.

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