

Quarterly Report Summary

The following is a summary for the quarter of January 1/2003 – March 31/2003.

We reported an exceedance of the MAC for trihalomethanes (THM'S) on March 18/03. The MAC for THM'S is 100 ug/L based on a four quarter running annual average. The average THM concentration in the Kenora distribution system for the latest four quarters is 143 ug/L. THM'S are a byproduct of the chlorination of water with a high organic content. The natural organic content of Lake of the Woods water is high, a common characteristic for lakes in northern geographic locations. With the new regulation (i.e., Reg. 459/00) we have also had to increase our chlorine dosage in order to meet the minimal requirements for chlorine residual at the farthest point in our distribution system.

On the basis of a review of the First Engineer's Report, a new consolidated Certificate of Approval has been created. The City of Kenora is implementing physical improvements to the works, in keeping with recommendations of the new Certificate of Approval. One of the upgrading requirements is a treatment system or other measures to reduce THM'S to meet the Ontario Drinking Water Standards. RAL Engineering Ltd. was awarded the tender to identify and implement the preferred solution for the reduction of THM'S. Chloramination is the preferred solution by RAL and they are currently working on implementing the change to our process to include chloramination. The public will be notified prior to completion of this.

Due to a malfunction of the fluoride feeder February 21/03, there were two low readings (.43 mg/L and .23 mg/L).