

Quarterly Report Summary

The following is a summary for the quarter of April 1 / 2002 – June 30/ 2002.

The AIN following the fluoride result refers to a qualifier. The qualifier in this parameter means approximate result : interference suspected. We did not add fluoride to the drinking water from April 1/02 - June 30/02 due to our fluoride feeder being out of service. A new fluoride feeder has been purchased to replace our old unit and will be installed upon arrival. Our new Certificate of Approval also requires that an online analyzer be installed when adding fluoride. We have purchased and will install an online analyzer along with our new feeder.

On June 25/02, we reported an exceedance of the MAC for trihalomethanes. The MAC for trihalomethanes is 100 ug/L based on a four quarter running annual average. Based on our latest four quarters our average in the distribution is 147g/L. Trihalomethanes are a byproduct of the chlorination of water with a high organic content. The natural organic content of our water is high which is common to northern geographic locations. With the new regulation 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.

On the basis of a review of the First Engineer's Report, a new consolidated Certificate of Approval has been drawn up. The City of Kenora will implement 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 trihalomethanes to meet the Ontario Drinking Water Standards. RAL Engineering Ltd. was awarded the tender to address the preferred solution for the reduction of THMs. They have finished their report and it has been reviewed by the City. The City of Kenora will carry out the required work, within the time frame allowable. Chloramination is the preferred solution by RAL and the work will commence in September.

On May 9/02, we reported a presence of total coliforms at Keewatin Public School. The free chlorine residual at the time the sample was taken at 1.02F. A boil water advisory was put into effect by the Health Unit. Lines were flushed, and water was resampled in two locations within the school as well as upstream and downstream from the school. The total coliform results came back negative. The original sample was contaminated either at the sink site or at the lab. Keewatin Public School was advised to flush their water lines on a regular basis.