

January 27, 2010



City Council Committee Report

To: Mayor & Council

Fr: Richard Perchuk, Manager of Operations

Re: Kenora Drinking Water Inspection Report 2009 – Non Compliance

Recommendation:

This Report is for information only. Council will be asked to approve the full Kenora Water System Summary Report at the March meeting which will include the City's action to the issue of non compliance.

Background:

The Ministry of the Environment staff conducted an inspection of the Kenora Water Treatment Plant and distribution system on August 26, 2009.

The City of Kenora has received an inspection rating of 98.34% which is an improvement over 97.86% for 2008 and 93.61% for 2007.

There was one (1) issue of non-compliance noted in the 2009 inspection. It was not related to the quality of the drinking water produced.

1. Records indicated that chlorine residual tests were not being conducted at the same time and at the same location that microbiological samples were obtained.

Action Required:

The City of Kenora must ensure that a record is made every time a chlorine residual is required to be taken.

The Best Management and Recommendations Summary lists 4 general areas where there could be improvements made. These are recommendations and not requirements and will be taken into consideration by the Department.

1. There were obvious potential sources of pollution or activities in or around the source that could impair source water quality.

Recommendation:

The City of Kenora should continue monitoring activities and development occurring in the area that might potentially impact raw

water quality at the municipal intake and combine the findings with those obtained during the pre-screening assessment.

2. The owner had not implemented a program for the flushing of watermains as per industry standards.

Recommendation:

The City of Kenora should develop a program for flushing.

3. A program for inspecting and exercising valves did not exist.

Recommendation:

The City of Kenora should develop a program for routinely inspecting and exercising valves in the distribution system. During the inspection, it was indicated that a program for exercising valves will be implemented in 2010.

4. Modifications may be required to the facility's wastewater treatment process to assist in lowering TSS concentrations in the supernatant.

Recommendation:

Alterations to the wastewater treatment equipment within the plant should be discussed with the Ministry's Environmental Assessment and Approvals Branch.