

PUBLIC FORUM
OVERVIEW OF WATER UPGRADE PROJECT

In reference to a Waterworks System Assessment (W.S.A.) provided by Associated Engineering, this is a condensed report for your information. This assessment is required by the Ministry of Environment at least every five years. The first deadline was March 31, 2006 and the next due by December 31, 2010. Both of these have been accomplished.

Historical data indicated there has been a long-term capacity issue for the Town's waterworks for well over a decade. The raw water pipeline sometimes operates near its maximum capacity and there was not enough potable water storage to provide the required capacity of twice the daily peak demand.

In addition, the aging existing reservoir is over 40 years old and was showing signs of deterioration. It was determined to have passed its life expectancy. This was considered as the first stage in a 3-phase upgrade to the system, and was completed in 2011. The new reservoirs were commissioned and brought on-line in late November of 2011. Our capacity is now doubled at 2,000,000 Imperial Gallons of potable water storage.

The next phase was to upgrade our well field to include land control, twinning of raw water pipelines and add 4 new wells to ensure our source water supply is sufficient for now and well into the future to be prepared for growth.

The 3rd and last phase is a new water treatment plant to replace our aging facility and ensure we can not only meet the ever changing regulations, but exceed those requirements set by the Ministry and Regulatory Agencies. New advancements in water treatment technology has been at the forefront for some years now and we can no longer rely on the 60 year old technology that we are using today.

The new Water Treatment Plant will be located on the site of the new reservoirs and anticipated to be completed by 2017.

Blaine Crowley
Director of Works & Utilities