

Precautionary Boil Water Advisory Marsville Drinking Water System

Background Info:

Dufferin Water Co Ltd is the operating authority for the Marsville Drinking Water system in the Township of East Garafraxa. At approximately 3:30 pm on January 21, 2021 we received a low water pressure alarm from the pumphouse located at 7 Grand Crescent. We responded to the alarm and at approximately 3:55 pm determined the breaker for the well pump had tripped. We reset the breaker and pressure was restored.

Our electrician investigated the cause of the tripped breaker and determined that the well pump motor was damaged. The pump continued to trip out and the only way to maintain service was to monitor the breaker and reset it whenever it tripped. A new pump was located and arrangements were made to replace the pump. Replacement of the pump requires conducting work inside the well with a small possibility of introducing contaminants while conducting this work.

A decision was made in conjunction with the local health unit and the province to issue a precautionary boil water advisory for water that is to be used for drinking or cooking purposes. Municipal staff then went door to door to advise residents of this advisory and of a service interruption that would occur that evening. Service was maintained by manually resetting the old pump from 3:55 pm to approximately 7:40 pm to provide residents an opportunity to prepare. During this period the water quality was unaffected and safe for consumption as the work inside the well had not commenced.

Work on the well commenced at approximately 7:40 pm and the system was shutdown at that time. Removal of the old pump and installation of the new pump was completed at approximately 10:30 pm. The well was then disinfected and the new pump was tested. Following this the system was flushed to waste until approximately 11:45 pm at which time service was restored.

Boil Water Advisory:

In an abundance of caution we are advising residents to continue boiling water for drinking and cooking purposes. This is temporary and cautionary until such time as we receive acceptable sample results. We anticipate that these results will be received towards the middle of next week. Once acceptable sample results are received the boil water advisory will be lifted.

We appreciate and thank you for your understanding and cooperation as we work to resolve this.

Regards,

Joe Miedema P. Eng.
General Manager
Dufferin Water Co Ltd.