



City of Pewaukee
WATER AND SEWER UTILITY
W240 N3065 Pewaukee Road
Pewaukee, WI 53072
(262) 691-0804 Fax (262) 691-5729

**Important Information about your City of Pewaukee
Drinking Water – 2nd Quarter 2017
Levels of the combined Radium (226 & 228)
In Well #1 exceeds the standard.**

Well #1 entry point samples indicate the presence of **Combined Radium (226 & 228)**. The 4 quarter running average is in excess of the 5 pico curies per liter (PCI/L) Maximum Contaminant Level (MCL.) The average of the results from samples collected **1/26/16, 4/21/16, 7/26/16 & 11/16/16** is **5.567 PCI/L**. This is a violation of State and Federal Safe Drinking Water Regulations as specified in ch. NR 809 Wisconsin Administrative Code at the time the sample was taken. (For reference, one PCI/L is one trillionth of a Curie per liter of water-so these are extremely small values.)

The Wisconsin Department of Natural Resources requires that we notify our customers about the violation for a period of up to one year, or until the average of samples taken over four quarters is below the MCL. Future notices will be included in your quarterly utility bills. (The 4th quarter of 2016 the City was in compliance with the radium standard.)

What precautions should be taken at this time?

You **do not** need to use an alternative (e.g. bottled) water supply. However, if you have specific health concerns, consult your doctor.

What does this mean?

There is not an immediate health risk. If there had been, you would have been notified immediately. Certain minerals are naturally radioactive and may emit a form of radiation known as alpha radiation. Some people who drink water containing the combined radium (226 & 228) in excess of the MCL over many years may have an increased risk of getting cancer.

What is being done to correct the problem?

The Water & Sewer Utility has minimized the use of this well. However, during periods of high demand and main flushing, the Utility may be required to use the well. Please note, this water is blended in the water piping system & towers throughout the City. Therefore the concentration of radium and gross alpha being delivered to your home is lessened through the dilution of water from the 11 other wells that provide water to our customers. Our radium removal treatment plan will be presented to the Department of Natural Resources by June 30, 2017. The DNR has up to 90 days for review.

If you have questions regarding the safety of our drinking water, please contact: Jane E. Mueller, Utility Superintendent at (262)691-0804, or check the City website at www.cityofpewaukee.us. 6/14/17

Director Jeffrey L. Weigel, P.E.