

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Drinking Water Contains High Levels of Disinfection By-Products

NOTICE OF STANDARD MAXIMUM CONTAMINANT LEVEL (“MCL”) VIOLATIONS

The Exeter Water Dept. water system recently violated drinking water standards. Although this is not an emergency, as our customers, you have a right to know what happened, what you should do, and what we are doing to correct this situation.

We are required to monitor your drinking water for specific contaminants on a regular basis. The Locational Running Annual Average (“LRAA”) is determined by averaging all the samples collected at a particular monitoring location during the previous four calendar quarters. The LRAA standard for Total Trihalomethanes (“TTHM”) is 0.080 mg/L. The LRAA standard for Haloacetic Acid 5 (“HAA5”) is 0.060 mg/L. Testing results for the

4th quarter of 2017 show that our system exceeds the maximum contaminant level for TTHM (Total Trihalomethanes) when calculating the LRAA.

The LRAA of TTHM exceeded the MCL of 0.080 mg/L at one or more of our system’s sampling location(s).

For Quarter 4 – 2017; the LRAA’s are: 0.0966 mg/L, 0.1199 mg/L, 0.0722 mg/L, 0.0751 mg/L

What does this mean?

This is not an emergency. If it had been you would have been notified immediately. However, *some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous system, and may have an increased risk of getting cancer.*

Some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.

What should I do?

It is not necessary to use alternate water; however, if you have specific health concerns, please contact your health care professional. General health related questions may be directed to Dave Gordon of the New Hampshire Department of Environmental Services (NHDES) Environmental Health Program at (603) 271-4608.

Steps We Are Taking: The Lary Lane Ground Water Treatment Plant (GWTP) is online and supplying low TTHM water. The Surface Water Treatment Plant (SWTP) has been optimized and is producing water below the MCL, however TTHM compounds continue to form in the water distribution system after disinfection with chlorine. Several major process modifications have been evaluated and the proposed design is being prepared for bids in 2017 and for construction through 2018. First, the primary disinfection process will be changed from chlorination to ultra-violet (UV) radiation at the SWTP, which does not contribute to TTHM formation. Second, the disinfectant residual at both the SWTP and GWTP will be converted from free chlorine to chloramines, which are less reactive and slower to form TTHMs while still providing disinfection and maintaining a disinfectant residual in the distribution system. Third, the addition of ventilation at the water storage tanks, in addition to the tank mixers, will reduce TTHMs that are formed.

We anticipate resolving the problem 15 months (5 Quarters) **For more information, please**
contact Paul A Roy, PE of Exeter Water Department at (603) 772 - 1346
or 13 Newfields Road, Exeter, NH 03833.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

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