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
        (name of water system)
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

__1st__ 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 1 – 2017; the LRAA are ___**0.0891**__ mg/L, __**0.0874**___ mg/L, __**0.0868**__ mg/L, _**0.0665**__mg/L
                                                            (fill in LRAA value for each site)

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. Three major process modifications are being evaluated and one or more will be proposed for design and construction in 2017 and 2018. First, the addition of a magnetic ion exchange process would reduce dissolved organic carbon, which is the precursor of TTHM's. Second, the addition of air stripping and ventilation after chlorination at the SWTP would remove TTHMs formed there. Third, adding ammonia to the disinfected water at both the SWTP and GWTP would convert free chlorine to chloramines, which are less reactive and slower to form TTHMs while still providing disinfection.

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_____
        (name of water system contact)   (name of system or company)   (telephone #)
 or _13 Newfields Road, Exeter, NH 03833_____ .
          (address)
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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