

To : The Water Customers of the Canaan Water System
From : John J. Coffey, Water Operator Canaan Water System
Subject : DBP exceedance

This past winter the pump in our bedrock well behind the water plant failed. We were still able to operate the water system without the well, but since we were no longer capable of blending well water with lake water we exceeded our Chlorine Disinfection By-Products limit for 1 of two measured possible contaminants. The lack of well blending caused a reading on this impurity to exceed the acceptable reading of 80 ppb this past quarter, (the first quarter of 2022). The test had a result of 126 parts per billion rather than the 80 PPB. Because of this one high reading, the annual weighted average for this impurity was 83 PPB rather than 80 PPB. The other possible contaminant was within acceptable levels.

This is not very dangerous for a short period, but it needs to be fixed. Both of these impurities are the result of chlorination which is needed because much of our water comes from a lake source. The lake water itself is fine.

Since the test in January, we have pulled the bad pump from the well and replaced it with a new one. After a day of testing, we put the well back online, and again we are blending the well water with the lake water to control our disinfection by-products. We will be retesting mid-May to see what our new levels are. We will keep you updated. Thank you for your patience and if you should have any questions please feel free to contact me at (603) 523-9280 or (603) 304-9380.

Thank You
John J. Coffey
Town of Canaan Water Department