

**IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER**  
**PFOA and PFOS MCL Exceedance at North Castle Water District No. 2**  
**2023 Quarter 3 results**  
**2024 Quarter 1 results**

**Why are you receiving this notice/information?**

You are receiving this notice because testing of our public water system during the third quarter of 2023 found the chemical perfluorooctanoic acid (PFOA) in your drinking water from well #2 at 14.7 parts per trillion (ppt). Note that well #2 was not in use because its yield has been significantly depleted. PFOA was also found in wells #3 and 5 at 10.2 and 10.4 ppt, respectively. In the first quarter of 2024, it was found in well #5 at 14.8 ppt. This is above New York State's maximum contaminant level (MCL) of 10 ppt for PFOA in public drinking waters. Consuming drinking water with PFOA at or somewhat above the MCL does not pose a significant short term health risk. Your water continues to be acceptable for all uses. The North Castle Water District No. 2 system is working on a strict timetable to reduce levels below the MCL.

**What are the health effects of PFOA ?**

The available information on the health effects associated with PFOA like many chemicals, comes from studies of high-level exposure in animals or humans. Less is known about the chances of health effects occurring from lower levels of exposure, such as those that might occur in drinking water. As a result, finding lower levels of chemicals in drinking water prompts water suppliers and regulators to take precautions that include notifying consumers and steps to reduce exposure.

PFOA has caused a wide range of health effects when studied in animals that were exposed to high levels. The most consistent findings in animals were effects on the liver and immune system and impaired fetal growth and development. PFOA also causes cancer in laboratory animals exposed to high levels over their lifetimes. Additional studies of exposures of PFOA in people provide evidence that some of the health effects seen in animals may also occur in humans.

**What is New York State doing about PFOA in public drinking water?**

The New York State Department of Health (NYS DOH) has adopted a drinking water regulation that requires all public water systems to test for PFOA. If found above the MCL of 10 ppt, the water supplier must take steps to lower the level to meet the standard. Exceedances of the MCL signal that steps should be taken by the water system to reduce contaminant levels.

**What is being done to meet the MCL?**

Well # 2 was officially decommissioned on 12/21/23 and sampling is no longer required.

Water District No. 2 was issued a compliance schedule by the Westchester County Health Department of 120 days to come up with an approvable treatment plan. The Town consulting engineer submitted feasibility for the recommended treatment for PFOA study to the WCDOH. WCDOH has indicated that it has no objection to the recommendations of the proposed treatment methods, but require a pilot study prior to implementation. Currently the consulting engineer has prepared a pilot study plan of the proposed ion exchange treatment for WCDOH evaluation, which was submitted on 3/16/23 for approval. Our consultant received comments from the Health Department on 6/16/23 and the consultant responded to comments on 7/6/23. The WCDOH has approved implementation of the pilot system on 7/24/23, next steps are being taken to install the pilot system and collect the required data.

The pilot system components were installed and officially started on 2/1/24 collection of pilot data has been collected; the pilot has concluded data collection the week of May 6<sup>th</sup>, once completely compiled, data will be submitted to the Health Department for review within the coming weeks. The data is a vital tool in the design of the final treatment system to be implemented.

Additional information will be shared as further testing and progress occurs. This process is similar for any chemical detected in public drinking water that requires mitigation due to exceedance of an MCL. The compliance timetable will ensure that your drinking water will meet the MCL as rapidly as possible.

### **Where can I get more information?**

For information, please contact the North Castle Water Department, Sal Misiti at 914-273-3000 x55 at 15 Business Park Drive, Armonk, NY 10504. You can also contact the Westchester County Health Department at 914-813-5000.

If you have additional questions about these contaminants and your health, talk to your health care provider who is most familiar with your health history and can provide advice and assistance about understanding how drinking water may affect your personal health.

General information about New York State public drinking water is also available at [www.health.ny.gov/publicwater](http://www.health.ny.gov/publicwater).

**Public Water System ID# NY5903446**

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