



## SYSTEM NOTICE

Greenfields Water System

January 3, 2023

# IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

## PFOS MCL Exceedance

### Greenfields Water System – Supply ID 1302794

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Your water continues to be acceptable for all uses.

Why are you receiving this notice/information?

You are receiving this notice because testing of our public water system found the chemical perfluorooctanesulfonic acid (PFOS) in your drinking water that is above New York State's maximum contaminant level (MCL) of 10 ng/l for PFOS in public drinking water systems. The MCL is set well below levels known or estimated to cause health effects. Consuming drinking water with PFOS at or somewhat above the MCL does not pose a significant health risk.

The information presented below is summary of the testing results for perfluorooctanesulfonic acid (PFOS) in your drinking water. Each of the source water wells contribution to the total water produced for the first quarter is presented first in gallons and then as a percentage. The test result for that well then follows.

The total water produced in September, October and November 2022 was 3,128,800 gallons.

2022 4<sup>th</sup> Quarter PFOS sample results are as follows:

Well # 10, had a test result of 16.0 ng/l.

Well # 9 and # 12 had test results below MCL of 10.0 ng/l.

Well # 11, had a test result of 26.6 ng/l but has been offline since 07/28/2021.

This well was / is not contributing to the drinking water system. The only water run from this well was the 600 gallons used to flush the well for sample collection. This flush water was run to waste and not introduced into the water system.

All wells will continue to be tested on a quarterly basis as necessary.

What are the health effects of PFOS?

The available information on the health effects associated with PFOS, 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.

PFOS has caused a wide range of health effects when studied in animals that were exposed to high levels. Additional studies of high-level exposures of PFOS in people provide evidence that some of the health effects seen in animals may also occur in humans. The most consistent findings in animals were effects on the liver and immune system and impaired fetal growth and development. The United States



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Environmental Protection Agency considers PFOS as having suggestive evidence for causing cancer based on studies of animals exposed to high levels of this chemical over their entire lifetimes.

At the level of PFOS detected in your water, exposure from drinking water and food preparation is well below PFOS exposures associated with health effects.

What is New York State doing about PFOS 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 PFOS. 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?

To resolve the PFAS / PFOS exceedance issue at the Greenfields Water System, Dutchess County Water and Wastewater Authority (DCWWA) has applied for a WIIA grant from Environmental Facilities Corporation (EFC) for the Greenfields Water Interconnection Project.

The WIIA grant is to provide funding for a water service connection between the Hyde Park Regional Water system (HPR) to the Greenfields Water System (GFW) and for improvements to HPR to accommodate the additional water service load required.

DCWWA will continue to work with Dutchess County Department of Behavioral and Community Health and maintain a compliance schedule that includes required PFAS / PFOA monitoring water samples.

Additional information will be shared as further testing and GFW Interconnection project 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.

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 health.

For further information, please contact:

Dutchess County Water & Wastewater Authority @ 845.486.3601

Dutchess County Behavioral and Community Health, Environmental Health Services @ 845-486-3404

*Please share this information with other people who drink this water, especially anyone who may not get 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.*

**\*\* Visit our website [www.DCWWA.org](http://www.DCWWA.org) to sign up for our Alerts and Advisories \*\***