

## Addressing the New Water Quality Standards



Exciting things are happening at the Water Authority of Great Neck North. We've been hard at work and are in the homestretch finalizing the treatment facility at **Watermill Lane** and **Well No. 6**.

As you may have read in previous editions of our newsletter, Watermill Lane and Well No. 6 will both house AOP (advanced oxidation process) and GAC (granular activated carbon) filtration, designed to remove and address the new standards for emerging contaminants including 1,4-dioxane, PFOA and PFOS that may be detected in our water supply. To date, our wells do not exceed MCLs (maximum contaminant levels) for these compounds.

### To date, the following has been completed:

- New York State Department of Health (NYSDOH) & Nassau County Department of Health (NCDOH) submission of completed work
- NCDOH confirmatory water quality samples complete (awaiting lab analysis)
- NYSDOH & NCDOH inspection and walkthrough
- Continued Eagle integration work and startup progression
- General site and building cleanup

### Work to be completed:

- Receive and install peroxide analyzers
- TIGG vessel coatings touchups
- Generator parallel testing with system loads and Eagle programming
- Startup and Input/Output testing

Systems are ready to go and awaiting approval by NYSDOH and NCDOH.

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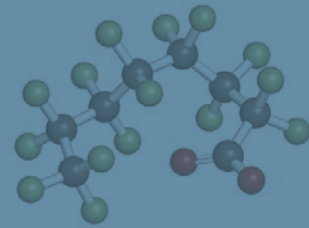
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# Community Drive: Test Pilot Program

## Proactively Addressing Emerging PFAS



On October 4, 2022, the New York State Department of Health proposed new regulations for Maximum Contaminant Level (MCL) for specific long-chain PFAS or polyfluoroalkyl substances in drinking water systems with

the intent to broaden regulations for select short-chain PFAS compounds in the immediate future, specifically 19 additional PFAS compounds including perfluorohexanoic acid (PFHxA), perfluorobutanoic acid (PFBA), and perfluoropentanoic acid (PFPeA).

GAC filtration alone, which is currently installed at Community Drive, may not be the most efficient and effective treatment method to address these particular compounds. GACs, with PFAS Selective Resin for ION exchange, may need to be implemented.

For this reason, the Water Authority may perform a pilot test program at the Community Drive Plant with GAC and PFAS Selective Resin treatment, to ensure we stay in compliance while our facilities and infrastructure are under renovation.

New York State Environmental Facilities Corporation (NYSEFC) did not allocate any grant money to fund the

Community Drive program for the expense, therefore it's critical for us to perform the test pilot to determine a decisive direction. To accommodate this project, the following steps will be taken:

- Pilot Testing and Protocol
- Engineering Report
- Permanent Design
- Regulatory submission
- Bidding
- Construction
- Startup and Commissioning



As always, the Water Authority proactively protects our water supply using the most effective and economical means possible. Since additional funding has not been made available, we may need to apply an additional increase above the scheduled two percent increase in January 2023. Protecting our customers is as important as protecting our water supply, so we have filed a lawsuit against the manufacturers of these emerging PFAS. Those responsible for the mess should be responsible for the costs of cleaning it up.

## A Spotlight on the Lighthouse — Well 6

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In the wake of Superstorm Sandy, renovations at Well No. 6, also known as the “Lighthouse” located at Juniper Drive, were initiated to raise the wellhead above the flood level and install a portable generator transfer switch in the event of a power outage. Here, demolition and reconstruction of a portion of the building was planned, and is now completed. A replacement pump and AOP treatment plant were installed, and are fully operational and above flood elevation levels.

**New York State and Nassau County Departments of Health have both approved Well No. 6 for use.**

# COLD TEMPS ARE HERE

## Home Tips for the Winter Season



With the temperatures starting to drop, we want to make certain you are prepared in and around your home with these helpful tips:

- ❄️ **Know the location** of your shut-off valve and water pipes in case of an emergency
- ❄️ **Insulate water pipes** outside your home and in unheated areas of your house to prevent pipes from freezing and possibly bursting
- ❄️ **Check for cracks** or openings in walls, floors, and ceilings
  - Caulking these areas to keep cold air from entering and affecting your pipes
  - **BONUS!** It also helps save on heating bills
- ❄️ **Disconnect and drain** all outside hoses to prevent freezing.
- ❄️ **Turn off** all outside spigots from inside your house, drain lines and leave the spigots OPEN.
- ❄️ **Shut off and drain** lawn irrigation systems

## Don't Forget to Clear a Path to Fire Hydrants

If you live near a fire hydrant, it is important to keep it clear of snow in case of emergency. We ask our community to do their part to shovel out and around local hydrants. Every second counts during an emergency for firefighters to access a hydrant.

For helpful tips on water conservation, visit:  
[waterauthorityofgreatnecknorth.com/water\\_conservation](http://waterauthorityofgreatnecknorth.com/water_conservation)





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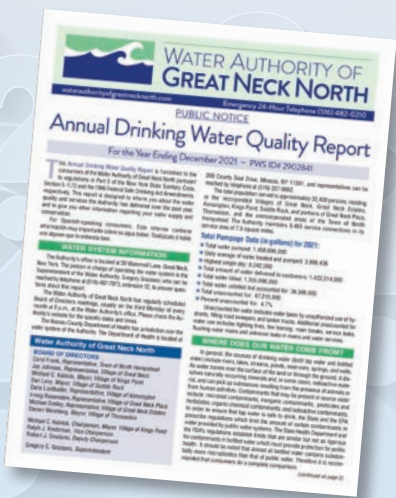
50 Watermill Lane  
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[waterauthorityofgreatnecknorth.com](http://waterauthorityofgreatnecknorth.com)

# You Have Questions WE HAVE ANSWERS



Each year the Water Authority of Great Neck North produces a drinking water quality report, and we're happy to share that the water we provide meets or exceeds all local, state and federal drinking water standards. Our in-depth water quality report is always available to the public by visiting: [waterauthorityofgreatnecknorth.com/waterquality.html](http://waterauthorityofgreatnecknorth.com/waterquality.html)

# NEW ONLINE BANKING ENHANCEMENTS

For your convenience, we have now registered with the **ACH network** which enables you to pay your bill online with your bank, and the Water Authority will receive the payment within approximately **1 to 2 days**.

We have recently reformatted the account numbers. Please use the format on your most recent bill, beginning with **"99"**.

Previously, payments processed through your online banking software would take up to 10 days to reach the Water Authority and then credit your account. This is now a much **faster and convenient way to pay your bill**.

**VISIT:**

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