



Well 6: Treatment Plant & Storm Mitigation

The Authority is nearing completion of construction activities at its Well 6 Juniper Drive facility to ensure its ability to continue to provide the public with a reliable water supply that meets quality standards for many years to come.

The work is being done to raise the wellhead at Well 6 above the flood level and install a portable backup generator to supply electricity in the event of a blackout. Funds used for this project include grant money totaling approximately \$430,000 and a zero percent loan in the amount of nearly \$1.3 million, which helped offset associated costs.

The project is a component of the Authority's long-term capital improvement plan to harden its infrastructure to protect against storm and flood damage, especially in the aftermath of Superstorm Sandy and other recent weather events.

Additionally, a new water treatment plant was installed at Well 6 for the removal of 1,4-dioxane, to prevent exceedances of New York State's allowable maximum level of 1-part-per-billion. The newly developed state-of-the-art technology utilizes a specific advanced oxidation process (AOP) to remove the contaminant from the public drinking water before it enters the



Water Authority of Great Neck North

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distribution system, ensuring that the Authority continues to meet or exceed local, state, and federal water quality standards. A \$3 million state grant will be used toward capital expenses, which are expected to exceed \$7.4 million.

As in the past, the Authority continues to seek grant money to help offset increasing costs for ongoing capital improvement projects necessary to maintain its infrastructure and to continually meet some of the strictest water quality standards in America.

Authority Workers Essential

The past 18 months have been a trying time for most people. As experienced by essential workers across the U.S., the skills, patience and perseverance of the Authority's field and administrative staff members have been put to the test since the beginning of the COVID-19 pandemic, an unprecedented time in the history of America and beyond.

Along with the Board of Directors, these critical teams have been tasked with continuing to provide an uninterrupted flow of drinking water that meets all quality standards, while protecting the health and safety of the public as well as keeping themselves from harm, regardless of the obstacles that have come their way.

From a willingness to adapt to changes in their work schedules to the ability to constantly review, modify and sometimes reinvent routine tasks and

procedures, each individual has risen to multiple challenges and performed above and beyond expectation. They are all to be recognized for their professionalism, continued vigilance and determination to ensure a safe and plentiful supply of water to the public during these difficult and extraordinary times.

With dramatic increases in the percentage of Long Islanders testing positive for COVID-19, due to the Delta variant, Authority employees are being required to abide by the same protocols followed by Federal, NY State and NYC workers. Unless a physician's letter is provided, stating that an underlying health condition makes it unsafe, all Authority employees must be fully vaccinated. Alternatively, those who are not vaccinated must provide proof of a negative PCR test result on a weekly basis.



Lead Service Line Replacement Grant Program

PLEASE DIRECT ALL INQUIRIES TO THE TOWN OF NORTH HEMPSTEAD

The New York State Department of Health requires public water purveyors to maintain the water mains throughout the water distribution system. The individual services lines that carry the water to the home are located underground. The section that runs from the curb stop to the house is the responsibility of the property owner. House service lines that contain lead can corrode and cause the lead to enter the home's drinking water, resulting in adverse health effects, especially in children.

As part of New York's Clean Water Infrastructure Act of 2017, the state health department has awarded the Town of North Hempstead a Lead Service Line Replacement Program grant of more than \$600,000 for eligible homes. The funds are to be used to cover full or partial costs to replace residential lead water service lines, which are primarily

found in homes constructed before 1939.

Property owners may obtain a free test kit from the NYSDOH to determine if lead exists in their water service line by emailing FreeWaterTesting@health.ny.gov; calling (518) 402-7650 or logging onto https://health.ny.gov/environmental/water/drinking/lead/free_lead_testing_pilot_program.htm.

Homeowners wanting to confirm the presence of a lead service line and interested in having it replaced, can call the Town of North Hempstead's 311 Call Center or Community Development Agency at (516) 869-2480 or log on the CDA's website at <https://www.northhempsteadny.gov/cda-message> for more information.

All inquiries about the grant program are to be directed to the Town of North Hempstead.

PROTECT AGAINST THE COLD

SAVE WATER YEAR ROUND

The 2021-22 winter weather forecast, according to the *Old Farmer's Almanac*, predicts the coming season to be a long and cold one. All the more reason to take steps to secure and safeguard your property against frozen and broken pipes that can result in severe damage, costly repairs and water waste.

DISCONNECT & STORE GARDEN HOSES

To prevent trapped water from freezing, remove garden hoses from outdoor spigots and detach sprinkling apparatus. Drain the entire hose by holding one section above your head and walking down its length, allowing gravity to drain any water that remains in the hose. Store the hoses out of the elements for the winter.

Unless the property is equipped with frost-free spigots, close the shut-off valves inside the house and leave the spigots open to protect against freezing.

WINTERIZE OUTDOOR PIPES

Shut off the water supply to underground sprinklers and outdoor kitchens and use compressed air to drain all the standing water from the system – chemicals injections are prohibited.

INSULATE PIPES INDOORS

Pipes located in unheated, drafty or cool areas of the house, particularly on outside walls, should be well in-

sulated. Pay special attention to pipes located in cabinets, crawl spaces, pantries and attics and remember that those on the north side of the house receive little or no warmth from the sun.

If a pipe does freeze, never use a blow torch or flame to defrost it. Try a blow dryer or wrap it with warm rags to get the water flowing again.

FIX LEAKING TOILETS

The toilet is the largest indoor waster of water as a silent leak can go undetected for a long period of time. Simply, add a dye tablet or a few drops of food coloring to the tank and refrain from flushing overnight. If the color appears in the bowl in the morning, a leak is present and should be repaired.

Free Household Conversation Kit

Pick up one of the Authority's conservation kits, available at no charge to Authority customers. The kits contain a modern high-efficiency chrome shower head with adjustable spray patterns; a swivel spray stream kitchen faucet aerator; water saving bathroom faucet aerators; toilet leak detection dye tablets; toilet displacement bags and a drip vial to measure leaks. Easy-to-follow installation instructions are included.

eBills Now Available

Customers now have the convenience of going paperless by signing up for the Authority's eBill Program, which means they will no longer receive a water bill by mail. Instead, they will receive invoices for water use by email, along with any urgent messages that may be applicable.

To sign up for the program, simply log onto the Authority's website at www.waterauthorityofgreatnecknorth.com, complete and sign the eBill Approval and Authorization enrollment form and email it to customerservice@wagnn.org or mail or drop it off at the Water Authority of Great Neck North at 50 Watermill Lane, Great Neck, NY 11021-4235.

As outlined on the Authorization Form, the consent to receive eBills may be withdrawn at any time



by sending a signed written letter by certified mail, return receipt requested, or by email to the Authority at customerservice@wagnn.org, providing your name, account number and service address. Updates or changes to an email address can be made by completing a new eBill Authorization Form.



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waterauthorityofgreatnecknorth.com

WELL 8

Protection Against Floods

The Authority is currently completing construction activities at its Well 8 plant site on Weybridge Road to protect an existing water supply well and associated equipment against damage from storms and flooding. The previously existing building and well, which were below grade, have been raised above FEMA flood elevations, with the near completion of a newly constructed facility.

Additionally, equipment and appurtenances, which were reaching the end of their useful lives, have been replaced to ensure an efficient, reliable water supply plant.



Some of the costs are being offset by a New York State grant program.

