



Bond Refunding Results in Savings

Standard and Poor's Rating Services (S&P), recently affirmed the Water Authority of Great Neck North's AA+/stable long-term credit rating in conjunction with the Authority's 2016 bond refinancing. It is the highest rating achievable by water authorities.

S&P cited the Authority's strong operational and financial management policies and practices, strong capacity to service its debt with historically good-to-strong debt service coverage and very good rate-setting flexibility, with rates S&P considers very affordable.

The Authority recently issued bonds to refinance significantly higher interest rate bonds issued in 2008. The bond refinancing resulted in savings for the Authority of \$9.4 million to be realized over the next 22 years, representing approximately \$427,000 in savings per year. The

saving will pay the cost of the New York State Environmental Facilities Corporation (EFC) bonds recently issued by the Authority. An update on that project is provided on page 4 of this publication.

In its commitment to providing the public with an uninterrupted supply of the finest quality drinking water, the Authority regularly evaluates and adjusts its long-term capital improvements plans. In the aftermath of Superstorm Sandy, for example, the Authority thought it was prudent to take steps to harden its infrastructure. Projects are currently underway to reinforce well sites, which includes raising well-heads to protect against damage from flooding and adding standby generators. Most of the costs are being paid for with a \$15 million grant and the no interest EFC loan.

The Authority also continues to pursue the replacement of older water mains, some of which date back more than 100 years. Larger mains will better provide adequate water supply during peak demand and improve fire flows to hydrants.

Water Authority of Great Neck North

Michael C. Kalnick
Chairperson

Mayor, Village of Kings Point

Ralph J. Kreitzman
Vice Chairperson

Robert J. Graziano
Deputy Chairperson

BOARD OF DIRECTORS

Pedram Bral
Mayor, Village of Great Neck

Edward Causin
*Representative,
Village of Great Neck Estates*

Jean Celender
Mayor, Village of Great Neck Plaza

Carol Frank
Town of North Hempstead

Dan Levy
Mayor, Village of Saddle Rock

Susan Lopatkin
Mayor, Village of Kensington

Steven Weinberg
Mayor, Village of Thomaston

SUPERINTENDENT

Gregory C. Graziano

Lawn Sprinkling Rules and Regs

No watering between 10 a.m. and 4 p.m.

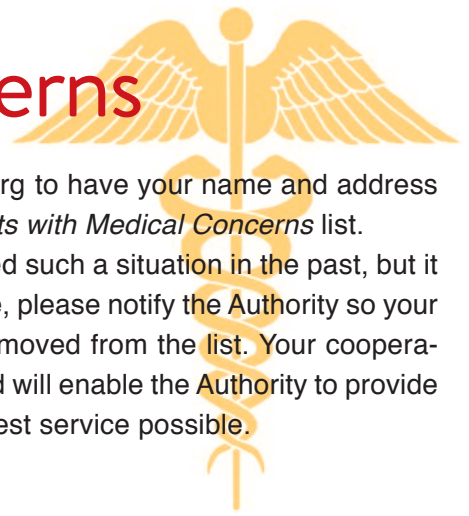
Odd numbered addresses may water on Monday, Wednesday and Friday.

Even numbered addresses may water on Tuesday, Thursday and Sunday.

- Sprinkling is prohibited during periods of precipitation.
- A rain gauge or moisture sensor is required for all automatic lawn irrigation.



Residents with Medical Concerns



Occasionally, a water main break or other emergency may require the Authority to temporarily shut off a customer's water supply. In case such a situation should arise, it is helpful for the Authority to know in advance of residents who may be homebound, have medical conditions (e.g. kidney dialysis) or other similar concerns. If your household falls into any of these categories, please call the Authority at (516) 487-7973, ext. 12, or email

Ischlichting@wagmn.org to have your name and address added to the *Residents with Medical Concerns* list.

If you have reported such a situation in the past, but it is no longer applicable, please notify the Authority so your information can be removed from the list. Your cooperation is appreciated and will enable the Authority to provide consumers with the best service possible.

Quality Report UPDATE

As reported in the March 2016 newsletter, consumers can now access the Authority's 2015 Annual Drinking Water Quality Report by logging onto www.waterauthorityofgreatnecknorth.com/waterquality.pdf. Test results conducted throughout the year by an independent laboratory for more than 135 parameters show the drinking water provided to consumer's taps has consistently met or exceeded the strict standards set by the federal and state governments and enforced by the Nassau County Department of Health.

In 2014, public water suppliers were required to test for radionuclides, which are naturally occurring and measured for in picocuries per liter. The Authority's results are provided below, indicating the water quality is well within standards set by the government.

WHAT IS A PICOCURIE?

This simple explanation is provided by the U.S. Army Corps of Engineers. The *curie* is a standard measure for the intensity of radioactivity contained in a sample of radioactive material. It was named after French scientists Marie and Pierre Curie for their landmark research into the nature of radioactivity. The basis for the curie is the radioactivity of one gram of radium. Radium decays at a rate of about 2.2 trillion disintegrations (2.2×10^{12}) per minute.

A picocurie (abbreviated as pCi) is one trillionth of a curie, representing 2.2 disintegrations per minute. To put the relative size of one trillionth into perspective, consider that if the Earth were reduced to one trillionth of its diameter, the "picoEarth" would be smaller in diameter than a speck of dust. In fact, it would be six times smaller than the thickness of a human hair.

Contaminants	Violation (Yes/No)	Date of Sample	Level Detected (Maximum Range)	Unit Measurement	MCLG	Regulatory Limit (MCL or AL)	Likely Source of Contamination
Gross Alpha	No	7/2/2014	1.03 ND to 1.03	pCi/L	n/a	MCL = 15	Naturally occurring
Radium 226	No	7/2/2014	0.49 ND to 0.49	pCi/L	n/a	MCL = 5 ⁴	Naturally occurring
Radium 228	No	7/2/2014	0.96 0.28 to 0.96	pCi/L	n/a	MCL = 5 ⁴	Naturally occurring

Definitions:

Maximum Contaminant Level (MCL) - The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible.

Maximum Contaminant Level Goal (MCLG) - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Picocuries per Liter (pCi/L) - a measure of radioactivity in water.

⁴MCL for Radium is for Radium 226 and Radium 228 combined.

New Smartphone Meter Technology Available

In 2014, the Water Authority of Great Neck North completed a program to replace the meters in its service area with more modern equipment, which has a life expectancy of 10 to 15 years. As a result, meter readers are now recording consumer water usage without the need to gain inside access to the property, clearly a more efficient and convenient process.

Since then, advancements have been made in the industry and more innovative technology has become available. It allows users to read their water use data via a secure online website and Smartphone app. Hourly water use can be accessed, water patterns analyzed, alerts set up and potential leaks identified, among other features.

While the newer equipment is more advanced, the Authority does not expect it will be available free of charge until the next meter change-out program is initiated. With the recent completion of a change-out program, new meters are not anticipated to be installed for approximately 10 to 15 years. Until then, the Authority will only cover expenses to install the state-of-the-art meters to replace malfunctioning meters that are deemed to be unrepairable, as a result of the current meter failing.

As a courtesy to those who wish to purchase the newer meter technology now, rather than waiting for the next meter change-out program, the Authority is making the equipment available for a price of \$256, which includes installation.

For more information, please call the Authority at (516) 487-7973.

New Payment Options Coming Fall 2016



Residents will soon have the option and convenience of paying their water bills via a credit card, debit card or electronic check payment. Once the program is available, it will be accessible through the Authority's website at www.waterauthorityofgreatnecknorth.com, and a call center, whichever is preferred.

An administrative fee of \$5.95 will be charged per transaction in increments up to \$750 as illustrated below.

Water Bill	Paymentus Administrative Fee
\$0 - \$750.00	\$5.95
\$750.01 - \$1,500	\$11.90
\$1,500.01 - \$2,250	\$17.85

Bills in excess of the chart will follow the same fee schedule.

One hundred percent of the required fees will be collected directly by Paymentus Corporation, a third party payment provider selected by the Authority to manage the process. The Water Authority of Great Neck North will not collect or benefit from any of these fees.



SEASONAL TIPS

With the heat of the summer upon us, here are some tips for reducing water usage:

- Keep grass at least two inches high to shade roots and hold moisture.
- Aerate lawns regularly and use mulch around plants to reduce evaporation.
- Water trees slowly, deeply and infrequently to encourage deep rooting.
- Lawns require only one inch of water per week. Do not over-water.



Presorted
Standard
US Postage
PAID
Permit No. 1532
Flushing, NY

50 Watermill Lane
Great Neck, NY 11021
(516) 487-7973

Administrative Hours
Monday to Friday
8 a.m. to 4 p.m.

24-Hour Emergency
(516) 482-0210

waterauthorityofgreatnecknorth.com

UPDATE on Infrastructure Projects

The Authority continues to make progress on capital projects designed to harden its infrastructure, an initiative that was taken in the aftermath of Superstorm Sandy.

Work is underway to raise the wellheads at Wells 2A, 5, 6, 8A, 10A and 11A, to protect against damage from flooding. Additionally, new well houses will be constructed and updated associated electrical and computer control equipment, otherwise known as SCADA, will be installed at each of these sites.

Well 2A - The new well house will enclose this well, which is currently outdoors.

Well 5 – Designs are being developed to rehabilitate this well to like-new condition, which will include relining the casing and installing a new screen and gravel pack. Additionally, new chemical equipment will be installed.

Well 6 – Plans are to begin design work in the fall, which will include the addition of a standby generator.

Well 8A – Engineering reports have been completed and an application submitted to the New York State Department of Environmental Conservation to drill a new well.

Well 10A – Work has been completed to harden this well site, where a well house enclosure and standby electrical backup generator were also installed.

Well 11A – The new well has been drilled and construction on the well house and installation of associated electrical and SCADA equipment is underway.

Portable Generator – Currently, four standby generators are in place to run 7 of the Authority's 11 wells, plus the administration building. Plans are to install manual transfer switches and plugs at remote well sites to allow the Authority to plug in a portable generator at numerous sites in the event of a power failure. Designs have been submitted to the New York State Department of Health for review and approval.

CONSERVATION REMINDER

Equip hoses with nozzles that automatically shut off when not in use.