

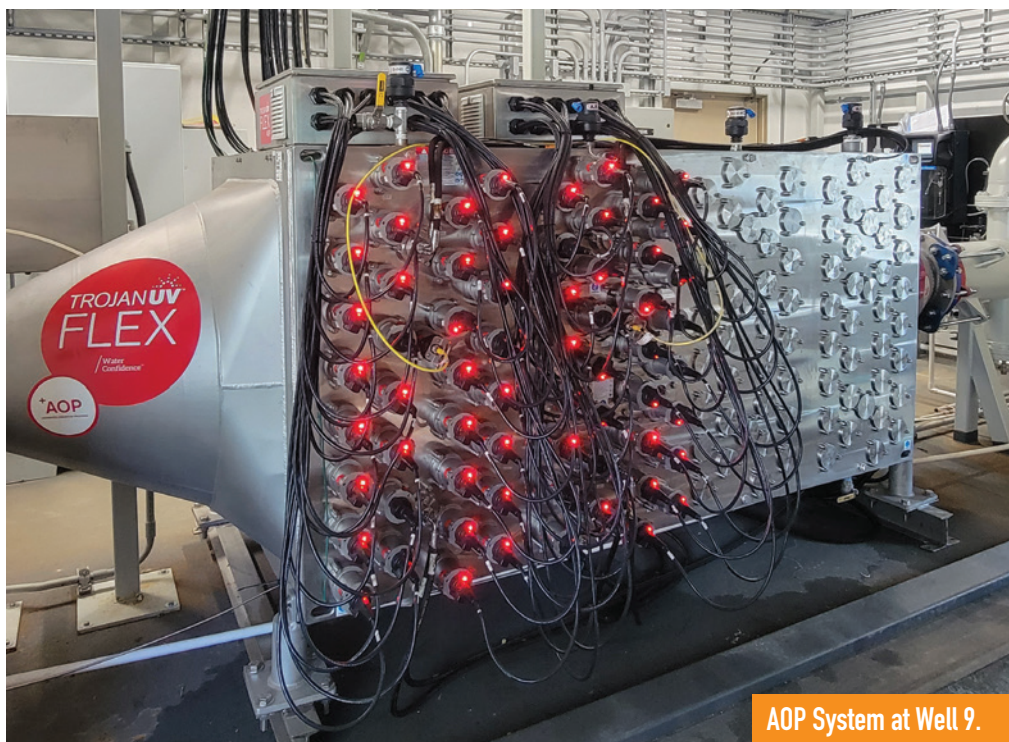
WATER TREATMENT UPGRADES

at WELLS 6 and 9

The New York State Department of Health (NYS DOH) recently adopted a drinking water regulation that requires all public water systems to provide treatment for PFOA, PFOS and 1,4-dioxane. Taking a proactive stance, Garden City Park Water District (GCPWD) began taking steps to evaluate advanced water treatment technologies to address emerging contaminants beginning in mid-2018, well before the new standards were put in place.

Advanced Oxidation Process (AOP) is the most technologically advanced treatment process and a proven solution that removes the compounds from drinking water. Construction of AOP reactors at Well 9 began in fall 2019, and at Well 6 in February 2020. Completion has made the wells compliant with New York State's 1,4-dioxane regulations of a maximum contaminant level (MCL) of 1 part per billion; and for PFOA and PFOS at 10 parts per trillion.

All well sites throughout the District have Granular Activated Carbon (GAC), which removes certain chemicals, mostly organic, from water. Just 10 grams of granulated activated carbon



AOP System at Well 9.

(less than a third of an ounce), has a surface area equal to a standard NFL football field. That porosity is why GAC is ideal for eliminating emerging contaminants in water and that's also why GCPWD has implemented this technology throughout the District.

"We have some of the most sophisticated water technology in the region," said Commissioner Kenneth Borchers. "We brought our facilities up to the latest standards with the most advanced, state-of-the-art technology. By staying ahead of the curve, we were well prepared to meet the new standards before they were ever released."

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A MESSAGE FROM SUPERINTENDENT MIKE LEVY



As we continue to navigate COVID-19 and how it effects our everyday lives, we want our neighbors to know that as essential workers we have remained

diligent in providing the high-quality water you have come to count on. The pandemic didn't stop us one bit. We kept up with necessary construction, and this helped us to stay on schedule and be ready for the peak pumping season of this upcoming summer.

We have been out in front of water treatment and bringing in advanced technology for years, deciding that we wanted to be at a near undetectable level for emerging contaminants even before state standards were set! Our goal is to be at zero detection, and once we complete our construction this summer, we'll attain this milestone.

With summer just around the corner, it's important to keep conservation in mind... especially during our peak pumping months of June through September when water usage is at its highest. With adhering to conservation guidelines, as well as Nassau County's irrigation ordinance, we can avoid any further restrictions. Read about our helpful conservation tips and suggestions within this newsletter.

Together, in an effort to conserve our water usage, we can ensure there is enough pumping capacity on peak days for fire protection, emergency use and every-day needs. We all play a role in the sustainability of our water system and underground aquifer.

Continue to stay safe and healthy this summer season.

— Mike Levy, Superintendent

A Look At Water Usage: WINTER VS. SUMMER

january

1.5

MILLION
GALLONS
per day

july

8

MILLION
GALLONS
per day



LET'S BE CONSCIOUS OF WATER CONSERVATION

Over the past few years we've met the New York State Department of Environmental Conservation's goal of reducing water usage by 15 percent during the peak months of May through September. We implemented a conservation plan and your continuous efforts helped achieve our collective objectives.

As you can see by the above graphic, GCPWD pumps nearly 5 times the amount of water during a typical summer day than a typical day during winter.

Below are helpful reminders and conservation tips for your home and business to help us reduce water usage this season!



LAWN, LANDSCAPE AND GARDEN IRRIGATION

Watering is **PROHIBITED** between 6 a.m. and 6 p.m.

Remember to follow Nassau County's irrigation ordinance:

- ▶ Odd-numbered homes may water on odd-numbered days.
- ▶ Even-numbered homes may water on even-numbered days.
- ▶ Premises without numbered addresses may water on even-numbered days.

OUTDOOR WATER USAGE

- ▶ Check all outside hoses and connections for leaks and possible winter damage.
- ▶ Stop wasting water. Install a spring-loaded shutoff nozzle on each garden hose.
- ▶ Keep your lawn length approximately 2 inches. This reduces evaporation and will require less watering.
- ▶ Leave grass clippings on your lawn. This boosts water retention and will help your lawn grow thicker.



INDOOR WATER USAGE

- ▶ Check appliances for leaks. Common leaks waste 10% of the water used in many homes.
- ▶ Replace old toilets. Toilet flushing is the top water user in the home.
- ▶ Run your dishwashers and washing machines only when they are fully loaded.
- ▶ Turn off your faucet when brushing your teeth, washing your hands and dishes. Why waste water?

New Website Coming This Summer!

As a way to better communicate and educate our consumers about what's happening within the District, we will be launching our new website this summer.

"We are continually updating and improving our infrastructure, working on new construction projects and ensuring our consumers have an uninterrupted supply of high quality water," said Commissioner Peter Chimenti. "Our new website will be representational of our commitment to our community and this communication vehicle will allow consumers to gain access to our latest news, developments and happenings."

Commissioner Chris Engel added, "By visiting our new website this summer, residents can click on the "Update Contact Information" feature so we can obtain your contact information in the event that we need to notify you with a water emergency. Communications with home and business owners is a top priority for us at the District and receiving this contact information is essential."



www.gcpwater.org

The latest District news and updates, as well as information regarding conservation tips, backflow regulations, billing, and more, will also be found on the new site. We encourage you check out the new site in July 2021 by visiting www.gcpwater.org



\$30 MILLION BOND Secured for Capital Improvements

GCPWD prides itself on being one of the most innovative water suppliers in the region. For over 20 years, the District has invested in engineering, science, security, advanced treatment systems and additional technologies to be leading in every way.

Last year, the Board of Commissioners identified eight projects that require immediate attention during the next few years, and sought a \$30 million bond to cover the costs. "We are pleased to announce that the bond has been approved by the town," Superintendent Mike Levy said. "Now we can begin immediately working on the latest upgrades and District improvements."

Some of the capital improvement initiatives scheduled include:

- Emerging contaminant removal at Plant No. 6
- Emerging contaminant removal at Plant Nos. 7 and 10
- Emerging contaminant removal at Plant No. 8
- Emerging contaminant removal at Plant No. 9
- New portable generator for Plant Nos. 6 and 8
- New generator at Plant No. 9
- Rehabilitation of Denton Avenue Tank
- Water distribution system improvements



GARDEN CITY PARK WATER/FIRE DISTRICT

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Kenneth Borchers
Peter Chimenti

Superintendent:

Michael Levy

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7:30 a.m. to 4:00 p.m., Weekdays

24-Hour Emergency Number:

(516) 746-3194

Member:

American Water Works Association
Long Island Water Conference
Nassau Suffolk Water Commissioners' Association



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Advanced Water Treatment Facility Construction Near Completion at PLANT 7/10

Details Inside



BACKFLOW REGULATIONS

What You Need To Know

It's that time of the year again! New York State and Nassau County Department of Health require that backflow devices be installed in all homes equipped with an in-ground sprinkler system as well as all new home and business construction. These devices must be tested annually for compliance by a New York State certified backflow tester.

Commissioner Chris Engel explains, "Backflow prevention devices protect against contamination coming back into the public water supply, safeguarding the community drinking water. Reduced pressure in the distribution system, for example water main breaks, firefighting, or the presence of increased pressure from a non-potable source, can cause backflow. A properly operating and maintained backflow device can prevent these from occurring."