



OUR PROACTIVE APPROACH TO ADDRESSING EMERGING COMPOUNDS AT THE SEAMANS NECK WELL STATION

SERVICE AREA 2: SOUTH SHORE

New York American Water currently meets all county, state and federal drinking water standards.

We are acting proactively to prepare for the proposed regulation of emerging compounds.

Learn more at:
[nyamwater.com/
water-quality/
water-safety](http://nyamwater.com/water-quality/water-safety)

New York American Water works around the clock to deliver clean, safe drinking water to our customers. The drinking water supplied to our customers meets or surpasses all county, state and federal drinking water standards and is safe to drink. Our Annual Water Quality Reports demonstrate this and are available to customers online at www.nyamwater.com/water-quality/water-quality-reports.

TODAY'S DRINKING WATER STANDARDS

Currently, the US Environmental Protection Agency has established guidance for the presence of PFOA/PFOS in drinking water. The EPA has established a non-enforceable health advisory level of 70 parts per trillion (ppt) for the sum of PFOA and PFOS. No federal or state maximum contaminant level (MCL) for 1,4-Dioxane in drinking water has been established.

NEW YORK STATE'S PROPOSED REGULATION OF EMERGING COMPOUNDS

The New York State Department of Health has indicated that New York State is looking to establish drinking water standards for PFOA/PFOS and 1,4-Dioxane. In anticipation of these proposed regulations, New York American Water is acting proactively to

identify the presence of these emerging compounds in our water supply, and design, permit and construct the appropriate treatment where needed.

New York American Water routinely samples all our water sources for compounds regulated by federal, state and local regulations. Our sampling process has expanded to capture the emerging compounds PFOA/PFOS and 1,4-Dioxane, in recognition of the New York State Department of Health proposed regulations. We have proactively tested our water supply sources on Long Island and in upstate New York to determine whether there is the presence of these emerging compounds.

NEW YORK AMERICAN WATER'S ACTION PLAN

The Seamans Neck Well Station in Levittown, NY is the only water source in your Service Area that has detections of 1,4-Dioxane over the proposed Maximum Contaminant Level (MCL) of 1.0 part per billion. No water sources within your Service Area had detections of PFOA/PFOS over the proposed MCL of 10.0 parts per trillion.

The Seamans Neck Well Station provides water for our customers in Levittown and Wantagh, north of the Southern State Parkway.



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WE KEEP LIFE FLOWING.**

We have determined that the Seamans Neck Well Station will need mitigation measures to address the presence of 1,4-Dioxane. New York American Water is designing a treatment system that will remove 1,4-Dioxane from the water, and we are working through the permitting and approval process with the Nassau County Department of Health and the Town of Hempstead for this treatment.

FREQUENTLY ASKED QUESTIONS

What is 1,4-Dioxane?

1,4-Dioxane is a synthetic industrial chemical that is present in many goods, including paint strippers, dyes, greases, antifreeze and aircraft deicing fluids, and in some consumer products such as deodorants, shampoos and cosmetics.

How do you remove 1,4-Dioxane?

There are no commercially-available filters that can address the presence of 1,4-Dioxane. Removal of 1,4-Dioxane requires an intensive process known as Advanced Oxidation Process. New York American Water is moving as quickly as possible to procure this specialized treatment equipment and receive Nassau County Department of Health approval to operate such treatment.

What are the NYS Department of Health's proposed regulations for emerging compounds?

The New York State Department of Health has proposed regulations for 1,4-Dioxane and PFOS/PFOA. The proposed MCL for 1,4-Dioxane is 1.0 part per billion and the MCL for PFOS/PFOA is 10 parts per trillion. These regulations are currently under development by the State and have not been finalized.

What is New York American Water's detection for 1,4-Dioxane?

New York American Water's most recent testing results indicate that 1,4-Dioxane is present at the Seamans Neck Well Station at a range of 1.2-1.6 ppb. This detection is slightly above New York State's proposed MCL of 1.0 ppb.



How does the Seamans Neck Well Station operate and what areas does it serve?

The Seamans Neck Well Station is a critical source of water for our customers in Levittown and Wantagh, north of the Southern State Parkway. This station must be operated to meet daily water demand for this area. New York American Water is designing a treatment system that will remove 1,4-Dioxane from the water.

What treatment are you building and when will it be complete?

New York American Water is designing an Advanced Oxidation Process system that would treat the water in advance of it being filtered through the existing Granular Activated Carbon treatment system already operational at the Seamans Neck Well Station. We are currently moving forward with the design, engineering and permitting of the required treatment to remove 1,4-Dioxane. Our goal is to have treatment online by the end of 2020; however, there are factors that can impact that schedule, including coordination with the Nassau County Department of Health and other local entities. We will continue to update our customers served by the Seamans Neck Well Station as we move into construction.

LEARN MORE

For more information, visit:
nyamwater.com/water-quality/water-safety