

SCWA STATISTICS AND WELL INFORMATION

How Much Water Did We Supply in 2024?

In 2024, we pumped 72.9 billion gallons of water. Of that total, 90.4% was used to meet the demands of our customers and 1.4% was used for flushing water mains, firefighting, street cleaning and other purposes. The remaining 8.2% represents water loss and is attributed to main breaks, leaks and unauthorized usage.



SCWA Statistics for Calendar Year Ended December 31, 2024

Customers	403,954
Population Served	1,181,613
Miles of Main	6,085
Fire Hydrants.....	36,323
Water Pumped (billion gallons).....	72.9
Total Wells in System.....	640
Active Wells in System	585
Pump Stations.....	243
Storage Facilities	69
Water Storage Capacity (million gallons)	73.6
Average Annual Water Rates (168,873 gallons/customer)	\$643

Wells Taken Out of Service in 2024

In 2024, we retired five wells. In addition, the three wells listed in this table were removed from service because they had elevated levels of the contaminant(s) noted.

Well Name(s)	Location	Contaminant(s)
North Washington #1	Centereach	1,4-Dioxane
Crystal Brook Hollow Rd #2	Mt. Sinai	PFAS
Wheeler Rd #4	Hauppauge	1,4-Dioxane



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Wells Placed in Service in 2024

In 2024, we added two new wells to our water system and replaced four wells. In addition, this table lists the 25 wells placed in service with treatment to remove the contaminant(s) noted.

Well Name(s)	Location	Contaminant(s)	Treatment Type
Blue Point Rd #4A	Holtsville	PFAS	GAC Filtration
Boyle Rd PJ #2	Terryville	PFAS	GAC Filtration
Broadway #1A	Huntington Station	1,4-Dioxane	Advanced Oxidation Process
Broadway #2	Huntington Station	1,4-Dioxane	Advanced Oxidation Process
Church St Hol #2	Holbrook	PFAS	GAC Filtration
Falcon Dr #1	Hauppauge	1,4-Dioxane	Advanced Oxidation Process
Falcon Dr #2A	Hauppauge	1,4-Dioxane	Advanced Oxidation Process
Falcon Dr #2B	Hauppauge	1,4-Dioxane	Advanced Oxidation Process
Foxcroft Ln #2	East Patchogue	PFAS	Resin
Hurtin Blvd #1	Smithtown	PFAS	GAC Filtration
Hurtin Blvd #3	Smithtown	PFAS	GAC Filtration
Jayne Blvd #3	Terryville	VOCs	GAC Filtration
Lawrence Rd #2A	Kings Park	VOCs	GAC Filtration
Mayfair Dr #1A	Huntington	VOCs	GAC Filtration
Middleville Rd #1	Fort Salonga	1,4-Dioxane	Advanced Oxidation Process
Middleville Rd #2	Fort Salonga	1,4-Dioxane	Advanced Oxidation Process
Morris Ave #2A	Farmingville	PFAS	GAC Filtration
Oak Beach #1	Oak Beach	Iron/Manganese	Iron Removal Filtration
Oak Beach #2	Oak Beach	Iron/Manganese	Iron Removal Filtration
Oxhead Rd #2A	Stony Brook	PFAS	GAC Filtration
Peconic St #2	Lakeland	VOCs	GAC Filtration
Pleasant Ave #4	Lake Grove	VOCs	GAC Filtration
Stem Ln #3	Stony Brook	PFAS	GAC Filtration
Wheat Path #1	Mt. Sinai	PFAS	GAC Filtration
Wheat Path #3	Mt. Sinai	PFAS	GAC Filtration



WATER TREATMENT INFORMATION

As most of our groundwater already meets all state and federal water quality standards, it generally does not receive extensive treatment. Before the water leaves the pump station, minute traces of chlorine are routinely added according to the specifications of the state health department to prevent bacterial growth that could occur in our water mains and tanks. Our bacteriological test results can be found on pages 30 and 31. Information regarding the disinfection byproducts formed from the addition of chlorine can be found on pages 16 - 19.

We also adjust the pH level of the water we deliver to you because the water, which we pump from the ground, is naturally acidic (pH can range from 4.5 to 6.8). To prevent corrosion of home plumbing, our water is chemically "buffered" by adding a hydrated lime product to increase the pH level. Soda ash is sometimes used instead of hydrated lime in certain portions of our system. This greatly reduces or eliminates the leaching of lead and copper from customers' interior plumbing. Additional lead and copper information can be found on page 19.



**Typical Pump Station
with Elevated Storage Tank**



**Iron and Manganese
Removal Filters**

In areas where the groundwater naturally contains iron or manganese levels higher than the standard, sequestering agents such as polyphosphates may be added to control the iron and keep it in solution. We also use specialized iron and manganese removal filters, and employ strategies such as systematic flushing of water mains to reduce these naturally occurring metals. If any well exceeds the standard and does not have treatment, it is removed from service.

Approximately 31% of our wells receive treatment using granular activated carbon filtration to remove pesticides/herbicides, per- and polyfluoroalkyl substances such as PFOA/PFOS, and volatile organic compounds. Packed Tower Aeration (PTA) units also called air strippers, ion exchange, perchlorate resin filters and Advanced Oxidation Process (AOP) are also used as needed. In some cases wells are blended together at the pump station to lower the amount of contaminants, such as nitrate and 1,4-Dioxane, in the water we serve.



**Ion Exchange Filters
for Nitrate Removal**



**Granular Activated
Carbon**



**Advanced Oxidation
Process**