



# Water Quality Treatment Charge

*A guide for SCWA customers*

# Water Quality Treatment Charge

- As of January 1<sup>st</sup>, 2020 all SCWA quarterly bills will include a \$20 Water Quality Treatment Charge (for Fire Island customers this will appear as an \$80 annual charge). This equates to approximately 22 cents per day.
- The Water Quality Treatment Charge was instituted by the SCWA Board to pay for the cost to install new water treatment systems throughout our distribution system.
- These new treatment systems are necessary in order to comply with forthcoming regulations from the New York State Department of Health (NYS DOH) for the emerging contaminants 1,4-dioxane, PFOS & PFOA.

# Why \$20 per quarter?

- In order to ensure that all water served by SCWA meets new standards for 1,4-dioxane, PFOS & PFOA, over 75 new treatment systems must be installed.
- Designing, procuring, constructing, installing, and testing these new treatment systems will cost SCWA over \$177 million.
- SCWA has just under 400,000 customer accounts, therefore a \$20 quarterly fee is needed to generate the necessary funding.
- SCWA is an independent public-benefit corporation operating under the authority of the Public Authorities Law of the State of New York, meaning SCWA operates without taxing power on a not-for-profit basis. Nearly all our revenue must be collected from customer water bills.

# What is SCWA doing to minimize the impact to ratepayers?

- SCWA did not put these contaminants in our water supply, but we are required by law to remove/destroy them.
- SCWA has sued the manufacturers responsible for putting the compounds in Long Island's groundwater, seeking to recover the costs of treating the affected water.
- Unfortunately, resolution of these cases may take years, and treatment systems must be installed as soon as possible.
- SCWA has also applied for 19 NYS grants in order to reduce the costs of these projects to our customers. To date, we've been awarded over \$13.3 million, with another \$4.5 million in outstanding applications.
- Though we cannot wait for the resolution of these lawsuits to begin work, SCWA customers will see some form of financial relief should the courts eventually rule in our favor.

# Why is the Water Quality Treatment Charge a flat fee, and not based on a customer's water consumption?

- The decision was made by the SCWA Board to institute a flat fee so that the Authority has a predictable and reliable revenue stream to put treatment in place.
- Using a fee relative to customer usage, there would be no way to predict what would ultimately be collected.
- As the fee pertains to water quality and not water quantity, we believe this affects all our customers equally.
- Customers who use water in excess of 78,540 gallons a quarter are already billed at a higher rate for excess usage.

# What is 1,4-dioxane?

- 1,4-dioxane is a synthetic chemical historically used as a stabilizer for industrial solvents, predominantly 1,1,1-trichloroethane, which was banned in the 1990s.
- It is also used in inks and adhesives and is present in consumer products such as detergents, shampoos and cosmetics as a by-product of the manufacturing process.
- 1,4-dioxane cannot be removed from water using traditional treatment methods such as Granular Activated Carbon (GAC) or air-stripping.

# SCWA Action on 1,4-dioxane

- SCWA began voluntarily testing for 1,4-dioxane in 2003.
- In 2016, SCWA engineers designed and piloted the first full-scale pilot 1,4-dioxane treatment system in NYS history. The Authority's Advanced Oxidation Process (AOP) treatment system is currently in operation in Central Islip.
- Results show AOP destroys 1,4-dioxane molecules to virtually non-detectable levels.

# What are PFOS & PFOA?

- Perfluorooctanesulfonic acid (PFOS) and Perfluorooctanoic acid (PFOA) are fluorinated organic chemicals used in treatments to protect carpets, clothing, furniture fabrics, paper packaging for food and non-stick cookware. They are also found in firefighting foams.



# SCWA Action on PFOS & PFOA

- SCWA began testing for PFOS & PFOA in 2013 at the direction of the Environmental Protection Agency (EPA).
- PFOS & PFOA are removed from water using Granular Activated Carbon (GAC) treatment.
- About 20 additional GAC systems will need to be installed to comply with the new regulations.

# Does this mean that my water is contaminated right now? Is my water currently safe to drink?

- When regulators set standards for compounds such as 1,4-dioxane, PFOS or PFOA, they are setting standards based on **lifetime exposure levels**, **NOT acute health risks** that would be a concern today.
- These types of regulations are based on a consumption rate of two liters of water per day over a 70-year period.
- As Governor Cuomo mentioned in his statement on the subject in 2019: “We're proposing the most protective levels in the nation for three emerging contaminants to ensure we are regularly testing and fixing water systems **before they ever rise to a public health risk** in any part of the state.”

# Is it safer to drink bottled water instead?

- Bottled water is regulated by the Food and Drug Administration (FDA), not the Environmental Protection Agency (EPA), meaning it is not held to the same strict standards for quality and safety.
- Bottled water is not required to be tested for 1,4-dioxane, PFOS or PFOA.

# Chart Guide

- The following slides include charts which display detected levels of emerging contaminants present in SCWA water. The charts are broken down by well. SCWA has over 600 active wells across Suffolk County.
- At the top of each chart you will find the acronym “MCL”. This stands for **Maximum Contaminant Level**. This is the level regulators deem acceptable for a given compound in drinking water, which SCWA must legally adhere to. At SCWA, however, our internal standard for water quality is typically half of the MCL.
- The column labeled “Recent Well Level” represents the concentration that is present in a well’s **raw water**. Raw water is water that has not yet gone through any SCWA treatment.
- The column labeled “Recent Avg Distribution System Level” represents the concentration at which the contaminant is present in the **treated water**, i.e. the water that is distributed to SCWA customers within that pressure zone.
- The column labeled “Current Well Status” relays whether a well is currently in service. “I/S” stands for in-service, “O/S” stands for out of service, and “blended” means that water is mixed with another well’s water with a much lower level of the contaminant, therefore diluting its concentration.

Emerging Contaminant Wells Current Status  
All Wells > 1/2 Proposed MCL W/ No Treatment

1,4 Dioxane Proposed MCL = 1.0 ppb Sorted By 1,4 Dioxane Level

Station	Well	Hamlet	Pressure Zone	Recent Well Level (ppb)	Current Well Status	Treatment in Service	Recent Avg Distribution System Level (ppb)	EFC Project Number	Total Est Project Costs	EFC Grant Amount
Smith St Ef	1	East Farmingdale	60	22.30	O/S		0.09	18404	\$1,242,355.00	\$745,413.00
Commercial Blvd	3	Central Islip	12	5.72	I/S	Yes	0.12			
Carlson Ave	6	Kings Park	11	3.27	O/S		0.33			
Gazza Blvd	2	East Farmingdale	60	3.05	O/S		0.09			
Flowerhill Rd	1	Halesite	6	3.04	O/S		0.68	18738	\$1,500,000.00	\$900,000.00
Lawrence Rd	3	Kings Park	11	2.70	O/S		0.33			
Great Neck Rd	1	North Amityville	1	2.66	O/S		0.15			
Eastwood Blvd	2A	Centereach	12	2.11	O/S		0.12			
Flowerhill Rd	2	Halesite	6	2.04	O/S		0.68	18738	\$1,500,000.00	\$900,000.00
Douglas Ave	1	Northport	9	1.90	O/S		0.92	18736	\$1,500,000.00	\$900,000.00
Broadway	1A	Huntington Station	6	1.86	O/S		0.68	18743	\$1,500,000.00	\$900,000.00
Falcon Dr	2B	Hauppauge	12	1.83	O/S		0.12	18725	\$1,500,000.00	\$900,000.00
Carlson Ave	5	Kings Park	11	1.79	O/S		0.33			
Peconic St	1	Lakeland	12	1.79	O/S		0.12			
McKay Rd	1	Huntington Station	7	1.60	O/S		0.32	18741	\$1,500,000.00	\$900,000.00
Barton Ave	2A	North Patchogue	1	1.55	O/S		0.15			
Falcon Dr	2A	Hauppauge	12	1.40	O/S		0.12	18725	\$1,500,000.00	\$900,000.00
Hollywood Pl	1	Huntington	5	1.35	I/S		0.90	18740	\$1,500,000.00	\$900,000.00
Montauk St Blvd	1A	Montauk	26	1.22	O/S		0.11			
Harvest Ln	1A	North Babylon	1	1.20	O/S		0.15			
South Spur	2	East Northport	10	1.20	O/S		0.56			
College Rd	3	Farmingville	15	1.18	Blended		0.23			
Commercial Blvd	2	Central Islip	12	1.08	Blended		0.12			
Middleville	2	Middleville	9	1.08	I/S		0.92	18724	\$1,500,000.00	\$900,000.00
Middleville	1	Middleville	9	1.07	O/S		0.92	18724	\$1,500,000.00	\$900,000.00
Old Dock Rd	1	Kings Park	11	1.05	O/S		0.33	18726	\$1,500,000.00	\$900,000.00
Lawrence Rd	4	Kings Park	11	1.05	Blended		0.33			
Wayne Ct	1	Fort Salonga	9	1.04	I/S		0.92			
Church St NPT	1	Northport	10	1.04	Blended		0.56			
Oxhead Rd	2A	Stony Brook	15	1.02	O/S		0.23			
Jayne Blvd	2	Port Jefferson Station	15	1.01	O/S		0.23			
Waterside Rd	2	Northport	9	0.97	O/S		0.92	18729	\$1,500,000.00	\$900,000.00
Boyle Rd N	1A	Selden	15	0.96	O/S		0.23			
Church St NPT	2	Northport	10	0.89	Blended		0.56			
Third Ave	3	Brentwood	12	0.89	O/S		0.12			
Falcon Dr	1	Hauppauge	12	0.83	I/S		0.12			

Emerging Contaminant Wells Current Status  
All Wells > 1/2 Proposed MCL W/ No Treatment

1,4 Dioxane

Proposed MCL = 1.0 ppb

Sorted By 1,4 Dioxane Level

Station	Well	Hamlet	Pressure Zone	Recent Well Level (ppb)	Current Well Status	Treatment in Service	Recent Avg Distribution System Level (ppb)	EFC Project Number	Total Est Project Costs	EFC Grant Amount
Cornell Dr	2	Smithtown	11	0.81	I/S		0.33			
Sunken Meadow	1	Sunken Meadow	9	0.80	I/S		0.92			
Mayfair Dr	2	Huntington	6	0.80	I/S		0.68			
Broadway	3	Huntington Station	6	0.79	I/S		0.68			
Peconic St	2	Lakeland	12	0.79	I/S		0.12			
Broadway	2	Huntington Station	6	0.78	I/S		0.68	18743	\$1,500,000.00	\$900,000.00
Reservoir Ave	1A	Northport	10	0.76	Blended		0.56			
Douglas Ave	2	Northport	9	0.75	I/S		0.92			
N Washington	1	Centereach	15	0.74	I/S		0.23			
Woodchck Hllw	1A	Huntington	6	0.74	I/S		0.68			
South Spur	1	East Northport	10	0.71	O/S		0.56			
Albany Ave	6	North Amityville	1	0.71	O/S		0.15			
Jayne Blvd	3	Port Jefferson Station	15	0.69	Blended		0.23			
Ruth Blvd	1	Commack	10	0.69	O/S		0.56			
Lawrence Rd	1A	Kings Park	11	0.68	I/S		0.33			
South Spur	3	East Northport	10	0.67	O/S		0.56			
Flowerhill Rd	3	Halesite	6	0.66	I/S		0.68	18738	\$1,500,000.00	\$900,000.00
Sunken Meadow	2	Sunken Meadow	9	0.60	I/S		0.92			
Reservoir Ave	2	Northport	10	0.60	Blended		0.56			
Hawkins Rd	2	Centereach	15	0.60	I/S		0.23			
Brook Ave	4	North Babylon	1	0.60	O/S		0.15			
Jennings Rd	3	Lloyd Harbor	6	0.59	I/S		0.68			
Ruth Blvd	3	Commack	10	0.57	I/S		0.56			
Oval Dr	4	Central Islip	12	0.55	Blended		0.12			
Wicks Rd	1	Commack	11	0.54	I/S		0.33			
Kings Park Rd	2A	Kings Park	11	0.53	I/S		0.33			
Horseblock Rd	1	Farmingville	15	0.50	Blended		0.23			
Boyle Rd PJ	3	Terryville	15	0.50	Blended		0.23			
Jennings Rd	1	Lloyd Harbor	6	0.49	I/S		0.68			

Emerging Contaminant Wells Current Status  
All Wells > 1/2 Proposed MCL W/ No Treatment

1,4 Dioxane

Proposed MCL = 1.0 ppb

Sorted By 1,4 Dioxane Level

Station	Well	Hamlet	Pressure Zone	Recent Well Level (ppb)	Current Well Status	Treatment in Service	Recent Avg Distribution System Level (ppb)	EFC Project Number	Total Est Project Costs	EFC Grant Amount
Daniel Webster	2A	South Setauket	15	0.49	O/S		0.23			
Boyle Rd PJ	2	Terryville	15	0.45	Blended		0.23			
Mayfair Dr	1	Huntington	6	0.45	I/S		0.68			
Kayron Dr	1A	Farmingville	15	0.44	I/S		0.23			
Jayne Blvd	1	Port Jefferson Station	15	0.44	Blended		0.23			

**Notes:**

Although some wells on this spreadsheet are currently below .50 ppb, they have exceed .50 ppb in the last 3 years.

MCL - Maximum Contaminant Level set by NYS Department of Health

ppb - Parts Per Billion also referred to as micrograms per liter

Total Grant Awards:

\$13,345,413.00

**Column Headings Explanation:**

**Station** - The name of the SCWA Pump Station. Typically a SCWA pump station is identified by the road on which the station is located.

**Well** - The well number for which the sample data applies. Most SCWA pump stations will have multiple wells. Each well has unique water quality properties.

**Hamlet** - The hamlet where the well is located.

**Pressure Zone** - The designation given to a specific area that is served based upon elevation above sea level and hydraulics. SCWA has over 50 separate pressure zones.

**Recent Well Level** - The most recent sample results for a well. This result applies to the water that comes directly out of the pump before any treatment is applied.

**Current Well Status** - Indicates if a well is In Service (I/S), Out of Service (O/S), or Blended with another well with lower levels to reduce contaminant levels below the MCL.

**Treatment In Service** - Indicates whether treatment has been installed and in service. If treatment is in service, the water entering the distribution system is below the MCL.

**Recent Average Distribution System Level** - This is the average of all samples taken from SCWA distribution system pressure zone over the most recent 6 month period.

**EFC Project Number** - The unique project number assigned by the NYS Environmental Facilities Corporation for a grant application made by SCWA to fund a treatment project.

**Total EFC Project Costs** - The estimated total capital cost associated with retrofitting an advanced oxidation treatment system to a well.

**EFC Grant Amount** - The amount that the NYS Environmental Facilities Corporation has agreed to provide as a grant towards the cost of an advanced oxidation system.

**Emerging Contaminant Wells Current Status**  
**All Wells > 1/2 Proposed MCL**

1/22/2020

PFOA/PFOS

Proposed MCL = 10 ppt each

Sorted by PFOS Level

Station	Well	Hamlet	Zone	Recent level PFOA (ppt)	Recent level PFOS (ppt)	Current Well Status	Treatment in Service	Recent Avg Distribution System Level (ppt)
Meetinghouse Rd	17	Quogue	20	470.0	4320.0	I/S	Yes	<2.0
Meetinghouse Rd	14	Quogue	20	7.0	690.0	I/S	Yes	<2.0
Meetinghouse Rd	19	Quogue	20	9.0	530.0	I/S	Yes	<2.0
Meetinghouse Rd	12A	Quogue	20	10.0	200.0	I/S	Yes	<2.0
Oxhead Rd	1A	Stony Brook	15	4.0	110.0	I/S	Yes	<2.0
Gus Guerrera	1	Westhampton Beach	20	3.0	76.0	I/S	Yes	<2.0
Foxcroft Ln	1A	East Patchogue	1	10.0	51.0	I/S	Yes	<2.0
North Rd	2	Greenport	30	ND	42.0	I/S	Yes	<2.0
North Rd	1	Greenport	30	ND	36.0	I/S	Yes	<2.0
Falcon Dr	2	Hauppauge	12	6.0	27.0	O/S	Yes	<2.0
Wheeler Rd	3	Hauppauge	12	16.0	25.0	O/S		<2.0
Stem Ln	1	South Setauket	15	6.2	23.0	O/S		<2.0
Crystal Brook Hollow	1	Port Jefferson Station	15	7.0	21.0	I/S	Yes	<2.0
Lincoln Ave	3	Holbrook	12	4.0	21.0	I/S	Yes	<2.0
Falcon Dr	1	Hauppauge	12	9.0	18.0	I/S	Yes	<2.0
Morris Ave	4	Holtsville	12	4.0	18.0	Blended		<2.0
County Rd 31	1	Westhampton	32	ND	16.0	O/S		15*
Fairmont Ave	3	Medford	15	15.0	15.0	O/S		<2.0
Hollywood Pl	1	Huntington	5	5.0	14.0	I/S	Yes	<2.0
Church St Boh	2	Bohemia	1	10.0	13.0	I/S	Yes	<2.0
Barton Ave	2A	North Patchogue	1	11.0	12.0	O/S	Yes	<2.0
Morris Ave	1	Holtsville	12	2.9	12.0	Blended		<2.0
Old Country Rd	4	Speonk	20	3.0	12.0	O/S		<2.0
Lincoln Ave	2	Holbrook	12	ND	11.0	O/S		<2.0



## Emerging Contaminant Wells Current Status

1/22/2020

All Wells &gt; 1/2 Proposed MCL

PFOA/PFOS

Proposed MCL = 10 ppt each

Sorted by PFOS Level

Station	Well	Hamlet	Zone	Recent level PFOA (ppt)	Recent level PFOS (ppt)	Current Status	Treatment in Service	Recent Avg Distribution System Level (ppt)
Spring Close Hwy	1A	Pantigo	23	3.0	11.0	I/S	Yes	<2.0
Bellmore Ave	1	North Great River	1	8.0	10.0	Blended		<2.0
Hallock Ave	2	Smithtown	12	ND	10.0	Blended		<2.0
Oak St	1	Setauket	15	5.0	10.0	I/S	Yes	<2.0
Plymouth St	2A	Dix Hills	12	4.6	9.6	I/S		<2.0
Eastwood Blvd	3	Centereach	12	ND	9.0	I/S	Yes	<2.0
Old Country Rd	3	Speonk	20	3.0	9.0	I/S	Yes	<2.0
Reservoir Ave	1A	Northport	10	3.0	9.0	I/S	Yes	<2.0
Station Rd	1A	North Bellport	1	53.0	8.7	O/S		<2.0
Chestnut St	1	Coram	15	ND	8.3	I/S	Yes	<2.0
Long Springs Rd	1A	Southampton	23	6.0	8.0	I/S		<2.0
McKay Rd	1	Huntington Station	7	3.0	8.0	O/S	Yes	<2.0
Schuyler Dr	2	Commack	11	7.0	8.0	I/S	Yes	<2.0
Wheeler Rd	5	Hauppauge	12	3.0	8.0	I/S	Yes	<2.0
Townline Rd	1A	Nesconset	12	8.2	7.7	I/S		<2.0
Plymouth St	1A	Dix Hills	12	7.6	7.6	I/S		<2.0
Edgewood SJ	1A	St. James	15	1.6	7.2	Blended		<2.0
Church St Boh	3	Bohemia	1	ND	7.0	I/S		<2.0
Dare Rd	3	Selden	15	2.0	7.0	I/S	Yes	<2.0
Liberty St	1	Hauppauge	12	9.0	7.0	I/S	Yes	<2.0
Main St Yaphank	1	Yaphank	12	ND	7.0	I/S		<2.0
Ruth Blvd	3	Commack	10	ND	7.0	I/S		<2.0
Foxcroft Ln	2	East Patchogue	1	4.9	6.8	Blended		<2.0
Sy Ct	3	Lake Grove	12	14.0	6.3	O/S		<2.0

## Emerging Contaminant Wells Current Status

All Wells &gt; 1/2 Proposed MCL

PFOA/PFOS

Proposed MCL = 10 ppt each

Sorted by PFOS Level

Station	Well	Hamlet	Zone	Recent level PFOA (ppt)	Recent level PFOS (ppt)	Current Status	Treatment in Service	Recent Avg Distribution System Level (ppt)
Old Country Rd	1A	Speonk	20	3.7	6.1	Blended		<2.0
Boyle Rd South	1	Selden	15	6.0	6.0	I/S		<2.0
Bridgethampston Rd	5A	East Hampton	23	ND	6.0	I/S	Yes	<2.0
Church St Hol	1A	Holbrook	1	8.0	6.0	I/S	Yes	<2.0
Hallock Ave	3	Smithtown	12	ND	6.0	I/S		<2.0
Oak St	2	Setauket	15	4.0	6.0	I/S	Yes	<2.0
Ruth Blvd	2	Commack	10	ND	6.0	I/S		<2.0
Spring Close Hwy	3	Pantigo	23	ND	6.0	I/S	Yes	<2.0
Stem Ln	3	South Setauket	15	2.0	6.0	I/S		<2.0
William Floyd Pkwy	3A	Upton	12	ND	6.0	I/S		<2.0
Crystal Brook Hollow	4	Port Jefferson Station	15	ND	5.0	I/S		<2.0
Dare Rd	1	Selden	15	17.0	5.0	I/S	Yes	<2.0
East Forks Rd	4	North Bay Shore	1	5.0	5.0	I/S	Yes	<2.0
Emjay Blvd	2A	Brentwood	12	ND	5.0	I/S	Yes	<2.0
Flint Ln	2	Selden	15	5.4	5.0	O/S		<2.0
Hurtin Blvd	3	Smithtown	12	4.0	5.0	I/S		<2.0
Kings Park Rd	1A	Kings Park	11	8.0	5.0	I/S	Yes	<2.0
Liberty St	2	Hauppauge	12	6.0	5.0	I/S		<2.0
Mt. Sinai Coram Rd	1	Mt. Sinai	15	ND	5.0	I/S		<2.0
Oval Dr	3	Islandia	12	9.0	5.0	I/S	Yes	<2.0
Oxhead Rd	2A	Stony Brook	15	3.0	5.0	Blended		<2.0
Oxhead Rd	4	Stony Brook	15	2.0	5.0	Blended		<2.0
Station Rd	2	North Bellport	1	5.0	5.0	I/S		<2.0
Strathmore Ct	3	Coram	15	5.0	5.0	I/S		<2.0

Emerging Contaminant Wells Current Status  
All Wells > 1/2 Proposed MCL

1/22/2020

PFOA/PFOS

Proposed MCL = 10 ppt each

Sorted by PFOS Level

Station	Well	Hamlet	Zone	Recent level PFOA (ppt)	Recent level PFOS (ppt)	Current Status	Treatment in Service	Recent Avg Distribution System Level (ppt)
West Prospect	3	Southampton	23	ND	5.0	I/S	Yes	<2.0
Church St Hol	2	Holbrook	1	8.7	4.6	O/S		<2.0
Pierson St	1	Nesconset	12	9.2	4.3	I/S		<2.0
Race Ave	1	Medford	12	3.2	4.3	O/S		<2.0
Crystal Brook Hollow	2	Port Jefferson Station	15	6.0	4.0	Blended		<2.0
Gus Guerrero	2	Westhampton Beach	20	ND	4.0	I/S	Yes	<2.0
Horseblock Rd	1	Farmingville	15	6.0	4.0	Blended		<2.0
Meetinghouse Rd	22	Quogue	20	92.0	4.0	I/S	Yes	<2.0
Patchogue Yaphank Rd	1	Yaphank	12	5.0	4.0	I/S		<2.0
Station Rd	3	North Bellport	12	5.0	4.0	I/S		<2.0
Dare Rd	2	Selden	15	3.3	3.8	I/S		<2.0
Liberty St	3	Hauppauge	12	6.9	3.5	I/S		<2.0
Flint Ln	1	Selden	15	4.5	3.4	I/S		<2.0
Pierson St	2	Nesconset	12	4.9	3.3	I/S		<2.0
Carrol St	2	Brentwood	12	5.0	3.2	Blended		<2.0
Boyle Rd PJ	2	Terryville	15	6.0	3.0	Blended		<2.0
Daniel Webster Dr	1	South Setauket	15	5.0	3.0	I/S		<2.0
Meehan Ln	2	Coram	15	5.0	3.0	I/S	Yes	<2.0
West Prospect	1	Southampton	23	3.0	3.0	I/S	Yes	<2.0
Bridgehampton Rd	2A	East Hampton	23	3.0	2.0	I/S	Yes	<2.0
Virginia Ave	1	Ronkonkoma	12	5.0	2.0	I/S	Yes	<2.0
Maple Ave	1	Medford	12	5.0	1.0	I/S	Yes	<2.0
Bicycle Path	1	Port Jefferson Station	15	5.4	0.0	I/S		<2.0
Brook Ave	3	North Babylon	1	5.0	0.0	I/S		<2.0

**Emerging Contaminant Wells Current Status**  
**All Wells > 1/2 Proposed MCL**

1/22/2020

PFOA/PFOS

Proposed MCL = 10 ppt each

Sorted by PFOS Level

Station	Well	Hamlet	Zone	Recent level PFOA (ppt)	Recent level PFOS (ppt)	Current Status	Treatment in Service	Recent Avg Distribution System Level (ppt)
Great Neck Rd	1	North Amityville	1	5.0	0.0	O/S	Yes	<2.0
Hawkins Rd	3	Centereach	15	ND	0.0	I/S		<2.0
Samuel St	4	Ronkonkoma	12	5.0	0.0	I/S	Yes	<2.0
Wheat Path	1	Mt. Sinai	15	5.0	0.0	I/S		<2.0

**Notes:**

MCL- Maximum Contaminant Level set by NYS Department of Health

ppt - Parts Per Trillion also referred to as nanograms per liter

\* - The distribution sample for this well was taken in September of 2019. The well has subsequently been taken out of service and a treatment system is being installed.

**Column Headings Explanation:**

**Station** - The name of the SCWA Pump Station. Typically a SCWA pump station is identified by the road on which the station is located.

**Well** - The well number for which the sample data applies. Most SCWA pump stations will have multiple wells. Each well has unique water quality properties.

**Hamlet** - The hamlet where the well is located.

**Pressure Zone** - The designation given to a specific area that is served based upon elevation above sea level and hydraulics. SCWA has over 50 separate pressure zones.

**Recent Well Level** - The most recent sample results for a well. This result applies to the water that comes directly out of the pump before any treatment is applied.

**Current Well Status** - Indicates if a well is In Service (I/S), Out of Service (O/S), or Blended with another well with lower levels to reduce contaminant levels below the MCL.

**Treatment In Service** - Indicates whether treatment has been installed and in service. If treatment is in service, the water entering the distribution system is below the MCL.

**Recent Average Distribution System Level** - This is the average of all samples taken from SCWA distribution system pressure zone over the most recent 6 month period.