

# 2010 Annual Drinking Water Quality Report

(For the period January 1, 2009 to December 31, 2009)

www.scwa.com



## Suffolk County Water Authority

(Including data for Fair Harbor, Riverside, Brentwood, and Stony Brook Water Districts)

The Suffolk County Water Authority has provided its customers with a safe and reliable water supply for more than 59 years. While we seek to supply this water at a reasonable cost, we are equally committed to making sure the drinking water that goes out to our 1.1 million customers meets scientifically based federal and state health standards. We are proud to announce that, once again, our drinking water has been found to be safe based upon these standards.

In fact, your drinking water far exceeds state and federal water quality standards. That's because the Suffolk County Water Authority's quality standards are twice as strict as New York State standards, which are already some of the strictest in the United States.

To meet these high water quality standards, our state-of-the-art laboratory, the largest groundwater testing facility in the United States, analyzed more than 64,000 water samples to produce over 182,000 test results. Last year, the Water Authority's laboratory tested water samples for 278 chemical constituents, more than twice what is required. The lab operates around the clock, 365 days a year, which is necessary considering the Suffolk County Water Authority operates more than 598 wells and has over 5,800 miles of water main.

In fact, because of their expertise, the Suffolk County Water Authority lab has established some specialized testing methodologies that have been adopted by the Environmental Protection Agency and are used by other laboratories across the country.

While we are devoted to safeguarding our customers from possible dangerous contaminants, we know an important part of that equation involves keeping those contaminants (pollutants) out of our water supply in the first place. Towards this end, the Suffolk County Water Authority was nationally recognized with the 2006 Source Water Protection Award from the American Water Works Association. This prestigious award recognizes the Water Authority's ongoing work in drinking water protection, the Authority's pivotal role in the creation of the Pine Barrens Act and the ultimate protection of one of the largest groundwater recharge areas in New York State.

In addition to the actual test results, we have included a section on the Source Water Assessment Program (SWAP) on page 3 of this report along with some useful general information as well as some information that we are required to include in this document by either state or federal regulation even though it might not be relevant to our water supply in Suffolk County.

We are extremely proud of our accomplishments and the level of service that we provide to our customers. Please read this report carefully and feel free to call us at 631-907-8068 if you have any questions or comments. You can also obtain a copy of this report as well as a wealth of information from our website at [www.scwa.com](http://www.scwa.com).



Este informe contiene informacion muy importante sobre su agua de beber. Traduzcalo o hable con alguien que lo entienda bien.

# ENSURING THE QUALITY OF YOUR WATER



Our top priority has always been to ensure that the water we provide to our customers meets the highest possible standards. We must comply with strictly enforced water quality standards established by the United States Environmental Protection Agency (EPA) and the New York State Health Department. (In order to ensure that the tap water we provide to you is safe to drink, the State and the EPA prescribe regulations that limit the amount of certain contaminants in drinking water provided in public water systems. The State Health Department's and the federal Food and Drug Administration's regulations establish limits for contaminants in bottled water that must provide the same protection for public health). **Because of these stringent safeguards, we can reassure all our customers that the water we deliver to them meets all local, state and federal guidelines, and New York State has among the strictest requirements in the nation.**

**York State has among the strictest requirements in the nation.**

Our water-testing laboratory is state and federally certified and is recognized as one of the most sophisticated water testing laboratories in the nation. We have developed cutting-edge testing procedures, such as for the gasoline additive MTBE, which have been adopted by the EPA and published in the Federal Register for use by other laboratories nationally. In addition, we have periodically been asked to participate in various studies by government agencies such as the EPA in recognition of our expertise in water quality testing.

The testing equipment in our laboratory is state-of-the-art and is capable of measuring minute traces of various contaminants down to less than one part per billion (ppb). One part per billion, or one microgram per liter (ug/L), corresponds to one second in the life of a 32 year old person. You will see the term ppb as well as ppm (part per million) when reading the test results reported in this document.

**Our approach to water quality testing is very, very conservative. We test for 278 chemical constituents even though we are required to test for only about half of these constituents. Our frequency of testing is far in excess of what is required because of our commitment to our customers to meet and exceed all water quality standards.** We test water at the wellhead, at various stages of treatment and within the distribution system for a wide range of parameters including bacteria; inorganic chemicals such as nitrate, chloride and lead; volatile organic compounds including benzene, trichloroethylene and trihalomethanes; pesticides such as aldicarb and lindane; and herbicides such as simazine and atrazine.

More detailed water quality and well information is available in our supplement and may be obtained by contacting our laboratory at (631) 218-1112. Additionally, this Annual Water Quality Report will be made available through our website at [www.scwa.com](http://www.scwa.com).

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (800-426-4791). Water quality standards are established based upon the known health risks of the contaminant involved. One such contaminant, an inorganic chemical known as nitrate, may be of interest to you. The maximum contaminant level (MCL) for this substance is 10 ppm (parts per million). This means that 10 ppm is the highest level of nitrate allowed in drinking water. However, cured luncheon meats or hot dogs may contain up to 500 ppm of nitrates and vegetables, such as spinach, lettuce, beets, and carrots also have significant nitrate concentrations. Drinking water normally contributes only a very small percentage of a person's total nitrate intake.

Nitrate in drinking water at levels above 10 ppm can be a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby-syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. However, monitoring by our laboratory has found that seasonal rainfalls or fertilizer applications do not have a variable effect on the nitrate levels in our well sources. If your water contains nitrate above 5 ppm (half of the current MCL) but below 10 ppm, and you are caring for an infant under the age of six months, you should ask for advice from your health care provider. **However, it should be noted that there has never been a recorded case of blue-baby syndrome in Suffolk County.**

In contrast, iron, another substance we test and provide treatment for when necessary, is not a health hazard. However, since it can pose aesthetic problems, we are currently working to reduce the inconveniences it can cause our customers. In areas where the groundwater naturally contains iron levels higher than the standard, sequestering agents such as polyphosphates are added to control the iron and keep it in solution. We are also using specialized iron removal filters and implementing strategies such as locating new sources of low iron water, and systematic flushing of water mains.

Another substance, radon, is a naturally-occurring radioactive gas found in soil and outdoor air that may also be found in drinking water and indoor air. Some people exposed to elevated radon levels from sources including drinking water may, over many years, have an increased risk of developing cancer. The main risk from radon is lung cancer entering indoor air from soil under homes.

In 2009, we tested for radon at 87 locations, representative of our system, for a total of 87 samples. The test results ranged from Non-Detect (no radon was detected) to 266 picocuries per liter (pCi/L). Low levels of radon are naturally occurring in our environment. Currently, there is no established state or federal MCL for radon. For further information, call the state radon program at (800) 458-1158 or call the EPA's Radon Hotline at (800) SOS-Radon.

The SCWA has received some customer inquiries about a taste and/or odor in the water from three distribution areas of our system. The taste and odor are often described as "earthy-musty" or "raw potato" like. The inquiries came from the Coram, Selden and Medford areas of our Distribution Areas 12, 15 and the Peconic Landing area of Distribution Area 30. The SCWA collected 29 samples from the three areas to test for the taste and odor compound 2-isopropyl-3-methoxypyrazine (IPMP). The results ranged from Non-Detect (no IPMP found) to 5.9 parts per trillion. Five other taste and odor compounds were also tested and the results were Non-Detect. As a point of information, IPMP is produced by specific types of soil bacteria. Some individuals may be sensitive to the taste and odor of IPMP at extremely low levels. There are no known health effects from this compound, nor has a maximum contaminant level (MCL) been set. Whenever possible the wells with IPMP were restricted in use. In 2009, the SCWA installed one Granular Activated Carbon (GAC) filter to remove this taste and odor compound from two wells. Two other wells are in the process of having a GAC filter installed, and at another site an additional well was drilled deeper to a depth where the water does not have this taste and odor. Both the new GAC and the new well are expected to go in service in 2010.

As most of the water we pump already meets all state and federal water quality standards, it generally does not receive extensive treatment prior to distribution. Approximately 20% of our wells, receive additional treatment using granular activated carbon filtration. Air strippers, ion exchange, reverse osmosis, iron, manganese and perchlorate removal filters are also used as needed. In some cases, wells are blended together at the pump station to lower the amount of inorganic contaminants, such as nitrate and perchlorate in the distribution system. Minute traces of chlorine are routinely added according to the specifications of the state health department to inhibit bacterial growth that could occur in our water mains and tanks. The addition of polyphosphates for sequestering iron is done as needed. 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 customers' home plumbing, the 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.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women, infants, and young children. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. SCWA is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at <http://www.epa.gov/safewater/lead>.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not your drinking water meets health standards. In 2008 we were required to monitor for Radium-228 in each aquifer at all well sites for a minimum of two consecutive quarters. In 2009 we became aware that, during several quarters in 2008, we did not complete the monitoring or testing of some of our wells for Radium-228, and therefore could not be sure of the quality of your drinking water during that time. We have subsequently completed testing these wells and have listed all of the Radium-228 results in the table below. This table lists results from 2008 and part of 2009. The Radium-228 results for all wells tested in 2009 are listed in the main section of this report in each Distribution Area. None of these wells or any of the other wells tested has ever exceeded the Radium-228 MCL (Maximum Contaminant Level) of 5 picocuries per liter. The MCL for radium has been set well below levels for which health effects have been observed and is therefore considered to be protective of public health. Radium-228 occurs naturally in the environment and is formed from the erosion of natural deposits. Please share this information with other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

WELL	ZONE	LOW	HIGH	AVG	TESTS
Brook Ave #4	18	ND	ND	ND	2
County Rd 111 #1	18	ND	ND	ND	2
Daniel Webster Dr #2A	15	ND	ND	ND	2
Hurtin Blvd #3	12	ND	ND	ND	3
Kings Park Rd #1A	11	1.31	2.22	1.80	4
Knight St #6	18	ND	1.07	ND	3
New York Ave #3	12	ND	ND	ND	5
New York Ave #4	12	ND	ND	ND	4
Oval Dr #1	12	ND	ND	ND	3
Oxhead Rd #1A	15	ND	ND	ND	2
Robins Walk #1	53	ND	ND	ND	5
Washington St #1A	8	ND	1.58	ND	6
Wayne Ct #1	9	ND	1.41	ND	4

In conclusion, we want to thank you for taking the time to read this report. It is lengthy and contains a lot of information. If you have any questions about the information contained in this report, your drinking water, or the Authority in general, please call us at (631) 563-0296. We will be more than happy to answer your questions.

# OUR WATER SOURCE

In general, the sources of drinking water (both tap water and bottled water) can include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and in some cases, radioactive material, and can pick up substances resulting from the presence of animals or human activities. Contaminants that may be present in source water include: microbial contaminants; inorganic contaminants; pesticides and herbicides; organic chemical contaminants; and radioactive contaminants.

All of the water we supply to you comes from beneath the ground and is referred to as groundwater. The water is stored beneath the ground in a sandy, geological formation known as the Aquifer System. Water in the Aquifer System originates as precipitation (such as rain and snow), which slowly percolates down through the soil and into the aquifers. There are four primary formations which lie, one on the other, and make up the Long Island Aquifer System. From the shallowest to the deepest, these formations are:

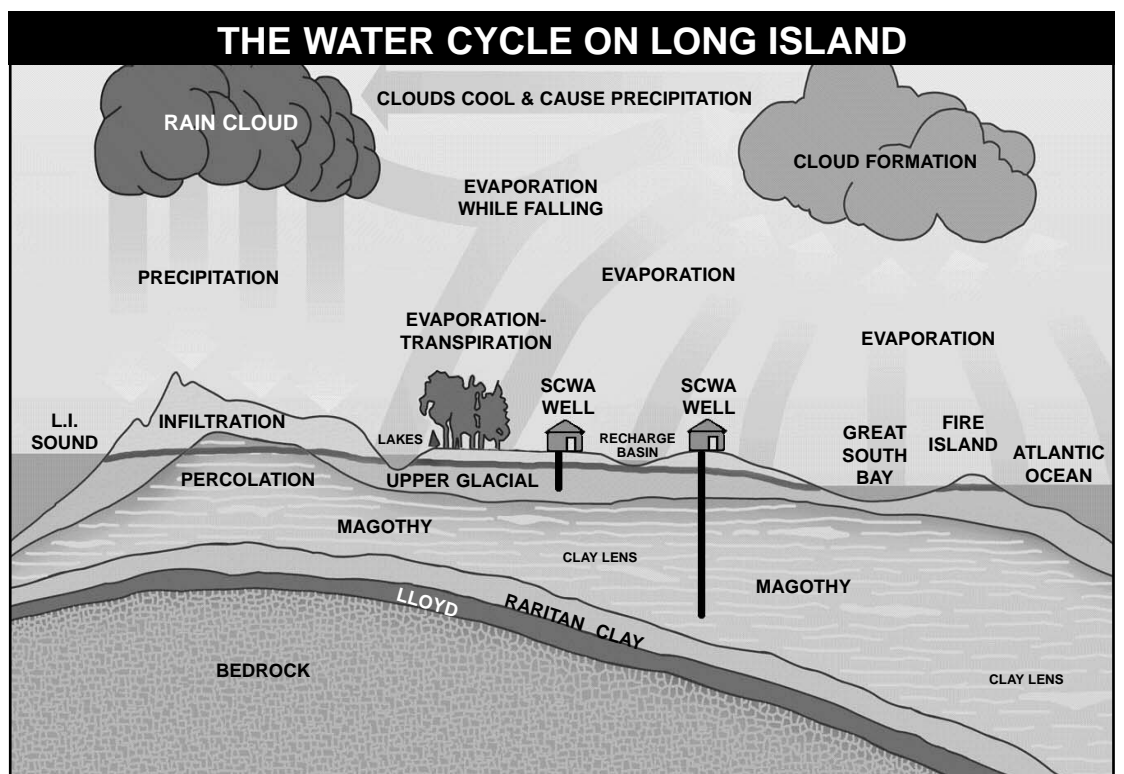
**Glacial** — contains the youngest or newest water to the groundwater system. The Water Authority has 270 wells drawing from this portion of the aquifer. Virtually all private wells draw from the Glacial Aquifer.

**Magothy** — is the largest of the three formations and holds the most water, much of which is hundreds of years old. There are 322 Water Authority wells drawing from this portion of the aquifer.

**Raritan** — a clay layer that separates the Magothy and Lloyd aquifers. Some portions of the Raritan contain permeable, sandy formations that hold enough water to pump from. The Water Authority has 3 wells in the Raritan.

**Lloyd** — is a largely-untapped layer which contains the oldest water, some of which has been held in the Aquifer System for more than 5,000 years. The Water Authority has 3 Lloyd wells.

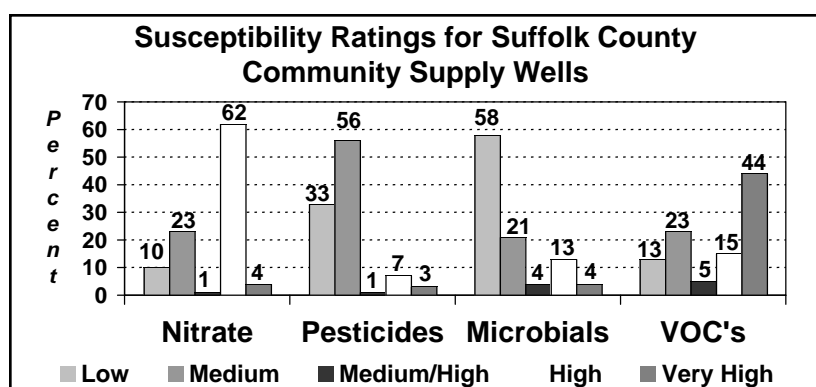
The total depth of the Long Island Aquifer System is smallest on the north shore (approximately 600 feet) and deepest along the south shore (approximately 2000 feet).



## SUFFOLK COUNTY SOURCE WATER ASSESSMENT SUMMARY REPORT

The federal Safe Drinking Water Act (SDWA) amendments of 1996 created a Source Water Assessment Program (SWAP) to evaluate existing and potential threats to the quality of public drinking water supplies throughout the U.S. To carry out this program in New York, the Bureau of Water Supply Protection of the New York State Department of Health (NYSDOH) developed the New York State SWAP plan, with input from a variety of interested parties. Source water assessments were performed for all public water supplies in Nassau and Suffolk Counties, in accordance with the final New York State SWAP plan prepared by the NYSDOH and approved by the U.S. Environmental Protection Agency (EPA) in November 1999. The chart and summary below apply to all Suffolk County community supply wells, including Smithtown and St. James Water Districts.

It is important to remember that the source water assessments only indicate the *potential* for contamination of a supply well, based upon the likelihood of the presence of contaminants above ground in the source water recharge area and upon the *possibility* that any contaminants present can migrate down through the aquifer to the depth at which water enters the well screen. In most cases, the susceptibility, or potential, for contamination *has not* resulted in actual source water contamination. If contamination of a well source is identified, the Suffolk County Water Authority can either provide treatment or withdraw the well from service, so that all applicable drinking water standards are met.



Summary chart of susceptibility ratings for Suffolk County community supply wells show the majority of wells having high susceptibility for nitrate, medium susceptibility for pesticides, low susceptibility for microbials and very high susceptibility for VOCs.

### Microbials

Almost 60 percent of community supply wells in Suffolk County have a low susceptibility to contamination by microbials. Over 20 percent of the community supply wells were rated medium-high, high, or very high for microbials, as a result of the presence of microbial sources in unsewered areas and the relatively short travel times from the water table to shallow well screens, particularly in the central and eastern parts of the county.

### Nitrate

Almost 70 percent of Suffolk County community supply wells were rated as high, or very high for susceptibility to nitrate; with the lower population density accounting for reduced contaminant prevalence ratings in the central and eastern parts of the county.

### Pesticides

The susceptibility of only about 10 percent of community supply wells was rated medium-high, high, or very high for pesticides, largely where significant tracts of agricultural land exist in eastern Suffolk County.

### VOCs

Almost 65 percent of the community supply wells in Suffolk County have susceptibility ratings of medium high, high or very high for VOCs, while over 35 percent of the wells are rated medium or low.

If you would like detailed information regarding the source water assessment results for the source water that is supplied to your distribution area, please contact our laboratory at (631) 218-1112.

## PROTECTING AND CONSERVING OUR GROUNDWATER

To ensure that the people of Suffolk County will continue to have access to the purest, most pristine groundwater in the future, the Water Authority has been in the forefront of measures to protect our aquifers for the years to come. We took the lead in sponsoring the pine barrens protection bills that have resulted in the preservation of 100,000 acres of land in central Suffolk, and we continue to provide technical support and advice to protect this unique resource.

We have committed a significant amount of resources to educate the public in environmentally friendly lawn care techniques they can use around their homes to reduce the amount of fertilizers, pesticides, and herbicides they apply to their lawns and gardens. We also believe it is in everyone's best interest to reduce the number and amounts of toxic chemicals used around our homes and places of business. Print, radio, and television advertisements will once again be seen and heard throughout the spring and summer season promoting these organic techniques.

We have partnered with the Long Island Groundwater Research Institute at SUNY Stony Brook to scientifically study the benefits of organic lawn care at our own office facilities and will share these results with our customers.

Part of this same program serves to educate the public on the best ways to water their lawns. Using proper watering techniques, our customers will find their lawns are healthier and that they can reduce or eliminate the amount of fertilizer, pesticides, and herbicides they typically use. And, with proper watering, they will find their lawns are more drought tolerant and that they can use less water.

## CONSERVING WATER

Although Suffolk County, if properly managed, has an adequate amount of water to meet present and future demands, there are a number of reasons why it is important to conserve this precious, life-giving resource:

- Saving water reduces our need for electricity to run our well pumps.
- Saving water reduces the need to construct new wells, water mains and tanks to meet peak demand.
- Saving water, particularly in areas with limited supply such as the North Fork, ensures that there will be an adequate supply for future generations.
- Saving water during periods of high demand ensures that there will be sufficient water pressure to provide adequate firefighting capabilities.

## HOW CAN YOU CONSERVE WATER ?

Conserving water is not difficult, can save you money, and save this precious, life-giving resource. Please do the following around your home:

- Check for leaky faucets inside and outside your home or business. Even a small leak can waste hundreds of gallons of water a day!
- Check for leaking toilets that can waste water by placing vegetable food dye in the tank. Do not flush the toilet. If after 15 to 20 minutes you see the dye in the bowl, you have a silent leak.
- Consider installing water conserving showerheads. New designs offer a satisfying shower while reducing water consumption by over 50%.
- Use your washing machine and dishwasher with full loads only.
- When using a hose outside, use a trigger nozzle to turn the water off automatically.
- Use a rain gauge or empty coffee can to measure how much water you are putting on your lawn. Remember, a lawn only needs 1.5 to 2 inches of water per week (including rain!) and water once or twice per week, not every day, following the odd/even rule.
- When seeding your lawn, use fescue seed. It needs far less water than other seed varieties and does quite well on Long Island.
- Consider using ground cover that requires little water in place of lawn areas.

## Wells In and Out of Service in 2009

In 2009, the SCWA added 7 new wells to the system, replaced 8 wells, and retired 5 wells. In addition, the 7 wells listed in this table were removed from service or restricted in use because they had elevated levels of the contaminant noted.

WELL NAME	LOCATION	CONTAMINANT
Bridgeman Rd. #3A	Jericho	Manganese
Cornell Dr. #2	Smithtown	Tetrachloroethene
Eastwood Blvd. #3	Centereach	1,1,1 Trichloroethane
Madison Hill Dr. #1	Montauk	Coliform Bacteria
Montauk Hwy. #1A	Oakdale	Chlorodifluoromethane
Pleasant Ave. #1	Centereach	Nitrate
Sy Ct. #4	Lake Grove	Manganese

## Wells Returned to Service in 2009

This table lists 6 wells which were brought back into routine service in 2009 by the use of filtration for removal of organic contaminants noted, or by blending for inorganic contaminants noted, or due to improved water quality over time.

WELL NAME	LOCATION	CONTAMINANT
Fairmount Ave. #3	Medford	IPMP*
Mill La. #13A	Huntington	Trichlorethene
Mill La. #14A	Huntington	Trichlorethene
Pleasant Ave. #1	Centereach	Nitrate
Reservoir Ave. #1	Northport	Nitrate
Sy Ct. #4	Lake Grove	Trichlorofluoromethane

\*IPMP is 2-Isopropyl-3-Methoxypyrazine

## 2009 Lead Test Results

Compound	Unit of Measurement	MCLG	Action Level	Likely Source
Lead	ug/l	0	15.	Corrosion of household plumbing systems

Location	Violation Yes /No	Date of Sampling	Number of Samples Collected	Range of Results ug/l	90th Percentile Value (1), (2) ug/l	Number of Samples Exceeding Action Level
SCWA	No	8/5-9/10	60	ND-9.0	2.5	0
Fire Island	No	7/4-7/28	27	ND-14.2	4.3	0
Stony Brook	No	9/2-9/4	14	ND-4.6	1.9	0
Riverside	No	8/19-8/27	12	ND-1.5	1.0	0

(1) - **90th Percentile Value:** The values reported for lead represent the 90th percentile of the total number of samples collected in each water system. A percentile is a value on a scale of 100 that indicates the percentage of a distribution that is equal to or below it. The 90th percentile is equal to or greater than 90% of the lead values detected in your water system.

(2) - The 90th percentile value is equal to or greater than 90% of the lead values detected in your water system. In this case, 113 total samples were collected from the water systems shown above and the 90th percentile values ranged from ND to 14.2 mg/l for lead. The action level for lead was not exceeded at any of the 113 sites tested.

## 2009 Copper Test Results

Compound	Unit of Measurement	MCLG	Action Level	Likely Source
Copper	mg/l	1.3	1.3	Corrosion of household plumbing systems

Location	Violation Yes /No	Date of Sampling	Number of Samples Collected	Range of Results mg/l	90th Percentile Value (1), (2) mg/l	Number of Samples Exceeding Action Level
SCWA	No	8/5-9/10	60	ND-0.75	0.47	0
Fire Island	No	7/4-7/28	27	ND-0.88	0.45	0
Stony Brook	No	9/2-9/4	14	0.06-0.49	0.48	0
Riverside	No	8/19-8/27	12	0.03-0.42	0.28	0

(1) - **90th Percentile Value:** The values reported for copper represent the 90th percentile of the total number of samples collected in each water system. A percentile is a value on a scale of 100 that indicates the percentage of a distribution that is equal to or below it. The 90th percentile is equal to or greater than 90% of the copper values detected in your water system.

(2) - The 90th percentile value is equal to or greater than 90% of the copper values detected in your water system. In this case, 113 total samples were collected from the water systems shown above and the 90th percentile values ranged from ND to 0.88 mg/l for copper. The action level for copper was not exceeded at any of the 113 sites tested.

## How Much Water Did We Supply in 2009?

To meet the demands of our customers, we pumped **60.7 billion gallons** of water. Of that total, we billed our customers for approximately **56.5 billion gallons**. The difference of **4.2 billion gallons** is not accounted for and represents water used for flushing water mains, firefighting, street cleaning and other purposes, and water lost from the system.

## SCWA Statistics - For Calendar Year Ended December 31, 2009

Customers	376,156
Population Served	1,128,468
Miles of Main	5,857
Fire Hydrants	35,562
Water Pumped (billion gallons)	60.7
Total Wells in System	598
Active Wells in System	569
Pump Stations	233
Storage Facilities	61
Water Storage Capacity (million gallons)	65.9
Average Annual Water Rates (150,252 gallons/customer)	\$264

## 2009 Microbiological Test Results

We collected an average of 1,035 total Coliform samples each month during 2009, including samples from Fire Island, Stony Brook Water District, Riverside Water District, and Camp Hero Water District.

Large water distribution areas that collect **40 or more** total Coliform samples per month must report the **highest percentage** of positive samples collected in any one month. These are represented in Table I below.

Small water distribution areas that collect **40 or less** total Coliform samples per month must report the **highest number** of positive samples collected in any one month. These are represented in Table II below.

### TABLE I - Microbiological Test Results

For Large Water Distribution Areas

Compound	Violation	MCL	MCLG	Unit Measurement	Likely Source
Total Coliform Bacteria	Yes/No	Presence of Coliform in 5% of Monthly Samples	0	n/a	Naturally Present in the Environment
Distribution Area		Highest Monthly Percentage Positive	Lowest Monthly Percentage Positive	Average Monthly Percentage Positive	No. of Tests for the Year
12	No	0.5 %	0 %	0.0 %	2,106
15	No	0.7 %	0 %	0.1 %	1,639
20	No	1.0 %	0 %	0.1 %	1,162

Distribution Areas 1, 6, 10, 18, 23 and 30 had **no detections** of total Coliform in 2009.

### TABLE II - Microbiological Test Results

For Small Water Distribution Areas  
(Including Fire Island, Stony Brook WD and Riverside WD)

Compound	Violation	MCL	MCLG	Unit Measurement	Likely Source
Total Coliform Bacteria	Yes/No	Two or More Positive Samples	0	n/a	Naturally Present in the Environment
Distribution Area		Highest Monthly Amount Positive	Lowest Monthly Amount Positive	Average Monthly Amount Positive	No. of Tests for the Year
SCWA (Small Areas)	No	0	0	0 %	1,819

The following small distribution areas had **no detections** of total Coliform in 2009: 4, 5, 7, 8, 9, 11, 14, 21, 26, 32, 34, 35, 39, 44, 53, 54, 55 • Stony Brook WD • Riverside WD

## Terms and Definitions

NA, n/a: Not Applicable

ND: Not Detectable at testing limit

**Micrograms per liter (ug/l)** corresponds to one part of liquid in one billion parts of liquid (parts per billion - ppb).

**Milligrams per liter (mg/l)** corresponds to one part of liquid in one million parts of liquid (parts per million - ppm).

**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.

**Action Level (AL):** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

# TABLE OF DETECTED COMPOUNDS

Compound	Unit Measurement	MCL	MCLG	Likely Source
<b>Radioactive Compounds</b>				
Gross Alpha activity	pCi/l	15	0	Erosion of natural deposits
Gross Beta activity	pCi/l	50 <sup>1</sup>	0	Decay of natural and man-made deposits
Radon	pCi/l	AMCL <sup>2</sup> 4000	0	Naturally occurring radioactive gas found in soil, air and water
Radium-228	pCi/l	5 <sup>3</sup>	0	Erosion of natural deposits

- <sup>1</sup> The State considers 50 pCi/l to be the level of concern for beta particles.  
<sup>2</sup> AMCL = Alternative Maximum Contaminant Level.  
<sup>3</sup> An MCL violation occurs when the average of four quarterly samples exceeds the MCL.

<b>Inorganic Compounds</b>				
Alkalinity, total	mg/l	n/a	n/a	Naturally occurring
Aluminum	mg/l	n/a	n/a	Naturally occurring
Ammonia, free	mg/l	n/a	n/a	From ammonium nitrate fertilizer, or septic system leachate
Antimony	ug/l	6	6	Fire retardants, ceramics, electronics, solder
Arsenic	ug/l	10	0	Erosion of natural deposits
Barium	mg/l	2	2	Erosion of natural deposits
Boron	mg/l	n/a	n/a	Naturally occurring
Bromide	mg/l	n/a	n/a	Naturally occurring
Calcium	mg/l	n/a	n/a	Naturally occurring, added to water as Calcium Hydroxide (Lime) for pH control
CO <sub>2</sub> , calculated	mg/l	n/a	n/a	Naturally occurring
Chloride	mg/l	250	n/a	Naturally occurring, salt water intrusion
Chromium, Total	ug/l	100	100	Plumbing corrosion; erosion of natural deposits
Cobalt-59	ug/l	n/a	n/a	Naturally occurring
Color	Color units	15	n/a	From the presence of naturally occurring iron, manganese, or minerals
Copper	mg/l	AL=1.3	1.3	Corrosion of household plumbing systems
Dissolved Solids, total	mg/l	n/a	n/a	Naturally occurring minerals and metals
Fluoride	mg/l	2.2	n/a	Erosion of natural deposits
Hardness, total	mg/l	n/a	n/a	Measure of the calcium and magnesium in the water
Iron	ug/l	300	n/a	Naturally occurring
Lead	ug/l	AL=15	0	Corrosion of household plumbing systems, lead solder
Lithium	ug/l	n/a	n/a	Naturally occurring
Magnesium	mg/l	n/a	n/a	Naturally occurring
Manganese	ug/l	300	n/a	Naturally occurring
Molybdenum	ug/l	n/a	n/a	Naturally occurring
Nickel	ug/l	100	n/a	From alloy and coatings manufacturing, batteries
Nitrate	mg/l	10	10	Fertilizer use; leachate from septic tanks, sewage; erosion of natural deposits
Perchlorate	ug/l	15 <sup>4</sup>	5	Natural contaminant found in some fertilizers; Additive in solid fuel propellant for rockets, missiles and fireworks.
Phosphate, total	mg/l	n/a	n/a	Water additive used for iron sequestering (keeping iron in solution)
pH	pH Units	n/a	n/a	Measure of the acidity or alkalinity of the water
pH, field	pH Units	n/a	n/a	Measure of the acidity or alkalinity of the water
Potassium	mg/l	n/a	n/a	Naturally occurring
Selenium	ug/l	50	50	Erosion of natural deposits
Silicon	mg/l	n/a	n/a	Naturally occurring
Sodium	mg/l	n/a <sup>5</sup>	n/a	Naturally occurring
Specific Conductance	umho/cm	n/a	n/a	Measure of the total amount of naturally occurring minerals in the water
Strontium-88	mg/l	n/a	n/a	Naturally occurring
Sulfate	mg/l	250	n/a	Naturally occurring
Temperature, field	°Centigrade	n/a	n/a	Naturally occurring
Tin	ug/l	n/a	n/a	Solder used in plumbing
Titanium	ug/l	n/a	n/a	Naturally occurring
Total Organic Carbon	mg/l	n/a	n/a	Naturally present in the environment
Turbidity	NTU	5	n/a	Silts and clays in aquifer
Vanadium	ug/l	n/a	n/a	Naturally occurring
Zinc	mg/l	5	n/a	Naturally occurring; galvanized plumbing

- <sup>4</sup> Interim Drinking Water Health Advisory Level.  
<sup>5</sup> Water containing more than 20 mg/l of sodium should not be used for drinking by people on severely restricted sodium diets. Water containing more than 270 mg/l of sodium should not be used for drinking by people on moderately restricted sodium diets.

<b>Synthetic Organic Compounds including Pesticides and Herbicides</b>				
Alachlor ESA	ug/l	50	n/a	Degradation product of Alachlor
Aldicarb Sulfone	ug/l	2	1	Pesticide used on row crops
Aldicarb Sulfoxide	ug/l	4	1	Pesticide used on row crops
1,4 Dioxane	ug/l	50	n/a	Solvent used in manufacturing processes
Metalaxyl	ug/l	50	n/a	Used as a fungicide
Metolachlor	ug/l	50	n/a	Used as a soil herbicide
Metolachlor ESA	ug/l	50	n/a	Degradation product of Metolachlor
Metolachlor OA	ug/l	50	n/a	Degradation product of Metolachlor
Tetrachloroterephthalic Acid (TCPA)	ug/l	50	n/a	Used as an herbicide

Compound	Unit Measurement	MCL	MCLG	Likely Source
<b>Volatile Organic Compounds</b>				
Chlorodifluoromethane	ug/l	5	n/a	Used as a refrigerant
cis-1,2-Dichloroethene	ug/l	5	n/a	Discharge from industrial chemical factories
Dichlorodifluoromethane	ug/l	5	n/a	Used as a refrigerant, aerosol propellant, foaming agent
1,1 Dichloroethane	ug/l	5	n/a	Degreasing agent, coupling agent in anti-knock gasoline, used in vinyl chloride manufacturing, chlorinated solvent intermediate found in production wastewater.
1,1-Dichloroethene	ug/l	5	n/a	Discharge from industrial chemical factories
1,2-Dichloroethane	ug/l	5	n/a	Discharge from industrial chemical factories
1,2-Dichloropropane	ug/l	5	0	Discharge from industrial chemical factories
Methyl-Tert-Butyl Ether (MTBE)	ug/l	10	n/a	Leaks from gasoline storage tanks. MTBE was an octane enhancer in unleaded gasoline
Tetrachloroethene	ug/l	5	0	Discharge from factories and dry cleaners, waste sites, spills
1,1,1 – Trichloroethane	ug/l	5	n/a	Discharge from metal degreasing sites and other factories
Trichloroethene	ug/l	5	0	Discharge from metal degreasing sites and other factories
Trichlorofluoromethane (Freon 11)	ug/l	5	n/a	Used as a solvent, dry cleaning agent, aerosol propellant and as a fire extinguishing agent
1,2,3 – Trichloropropane	ug/l	5	n/a	Used as a cleaning/degreasing agent, used in chemical manufacturing, as an industrial solvent, and as a paint and varnish remover
1,1,2-Trichlorotrifluoroethane	ug/l	5	n/a	Used as a refrigerant, solvent in paints and varnishes

<b>Disinfectant and Disinfection By-Products</b>				
Bromochloroacetic Acid	ug/l	n/a	n/a	By-product of drinking water chlorination used to control microbes
Bromodichloroacetic Acid	ug/l	n/a	n/a	By-product of drinking water chlorination used to control microbes
Bromodichloromethane	ug/l	**80	0	By-product of drinking water chlorination used to control microbes
Bromoform	ug/l	**80	0	By-product of drinking water chlorination used to control microbes
Chlorate	mg/l	n/a	n/a	Byproduct of drinking water disinfection
Chlorine residual, free	mg/l	4 <sup>6</sup>	n/a	Water additive used to control microbes
Chloroform	ug/l	**80	70	By-product of drinking water chlorination used to control microbes
Dibromochloromethane	ug/l	**80	60	By-product of drinking water chlorination used to control microbes
Haloacetic Acids total, (5)	ug/l	60	n/a	By-product of drinking water chlorination used to control microbes
N-Nitroso-di-n-butylamine (NDBA)	ug/l	50	n/a	By-product of drinking water chlorination used to control microbes
N-Nitroso-dimethylamine (NDMA)	ug/l	50	n/a	By-product of drinking water chlorination used to control microbes
Trihalomethanes, total	ug/l	80	n/a	By-product of drinking water chlorination used to control microbes

\*\* The MCL is the sum of the four starred compounds.

<sup>6</sup> Value presented represents the Maximum Residual Disinfectant Level (MRDL) which is a level of disinfectant added for water treatment that may not be exceeded at the consumer's tap without an unacceptable possibility of adverse health effects. This MRDL became effective as an MCL on January 1, 2004.

## Understanding Your Water Quality Data - Key Terms and Definitions

**Maximum Contaminant Level (MCL):** The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLG as possible.

**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.

**Action Level (AL):** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Micrograms per liter (ug/l):** corresponds to one part of liquid in one billion parts of liquid (parts per billion - ppb).

**Milligrams per liter (mg/l):** corresponds to one part of liquid in one million parts of liquid (parts per million - ppm).

**Nanograms per liter (ng/l):** corresponds to one part of liquid to one trillion parts of liquid (parts per trillion - ppt).

**Picocuries per liter (pCi/L):** Picocuries per liter is a measure of the radioactivity in water.

**Nephelometric Turbidity Unit (NTU):** A measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

**Micromhos per centimeter (umho/cm):** A measure of the total amount of naturally occurring minerals in the water.

**NA, n/a:** Not Applicable.

**ND:** Not Detectable at testing limit.

# WATER DISTRIBUTION AREA INDEX (TOWNS Amagansett - Islip Terrace)

## HOW TO USE THIS INDEX

Look up the town or community in which you live in the first column labeled "TOWN". To the right of your town under the second column labeled "DISTRIBUTION AREA", you will find a number. This is the number of the Distribution Area which serves water to your home, school, business or other area of interest. You can then look up this Distribution Area number in one of the tables located in the next six pages.

Many of the towns listed in this index are served by more than one Distribution Area. Please read carefully the street descriptions to find the Distribution Area closest to your home.

A map showing all of the Suffolk County Water Authority's Distribution Areas in Suffolk County is located in the center of this document (see pages 8 and 9). If you know where your town or community is located on this map, you can find the Distribution Area number listed on the map. Also listed on the map are the number of wells which serve each Distribution Area.

TOWN	DISTRIBUTION AREA
<b>Amagansett</b>	<b>23</b>
<b>Amityville, North Amityville</b>	<b>1</b>
<b>Atlantique, Fire Island</b>	<b>53</b>
<b>Babylon</b>	<b>1</b>
<b>Bay Shore, North Bay Shore, West Bay Shore</b>	<b>1</b>
<b>Bayport</b>	<b>1</b>
<b>Bellport, North Bellport, West Bellport</b> South of Sunrise Hwy. (Factory outlet area and small area E. of C.R. 101/Patchogue Yaphank Ave.) north of Sunrise Hwy but south of Harrison Ave. including all of outlet mall area.	<b>1</b>
<b>Bellport</b> North of Sunrise Hwy. (except area noted above)	<b>12</b>
<b>Blue Point</b>	<b>1</b>
<b>Bohemia</b> S. of Veterans Hwy. (except area below)	<b>1</b>
<b>Bohemia</b> N. of Veterans Hwy.; additionally, S. of Veterans Hwy. around Connetquot H.S., on or W. of Sycamore Ave. and N. of Connetquot State Park.; Also Locust Ave. S. of Veterans Hwy. to Union Ave.; Orville Dr. S. to, and including, Wilbur Pl.; Johnson Ave. S. to Keyland Ct., including Corporate and Aero Drives.	<b>12</b>
<b>Brentwood, Edgewood (Heartland Industrial Park)</b> Area W. of Sagtikos and N. of LIRR. Includes Heartland Industrial Park area N. to Dix Hills Water District. Also W. of Sagtikos and S. of LIRR E. of, or on, Carll's Path, S. to Grand Blvd. then, E. along Grand Blvd. to Commack Rd., then all areas accessible from Grand Blvd. N. of, but not on, Crossway Dr. and / or Headline Rd. w. to the Babylon town line. Also E. of Sagtikos and S. of L.I.E. (Rte. 495) to LIRR / Pine Aire Dr. Includes area S. of LIRR along North Gardiner Dr. to Hemlock Dr., E. along Elm Dr., to Elsie Dr., S. to Flo Dr. Also N. of Sweenydale Ave., and Massachusetts Ave., E. to Forks Rd. on New Hampshire Ave., E. to, but not including, Illinois Ave. on Wisconsin Ave. and Michigan. S.E. along Candlewood Rd. to Hilltop Dr.	<b>12</b>
<b>Brentwood Water District</b> (see page 15)	<b>12</b>
<b>Brentwood</b> All other Southern or Western Brentwood areas	<b>1</b>
<b>Bridgehampton, Scuttlehole</b> S. of Pheasant Dr.; on, or off of, Snake Hollow Rd., the southern half of Mitchell Ln., or the entire length of Sag Harbor Tpke. and cross streets to the east.	<b>23</b>
<b>Bridgehampton, Sag Harbor</b> W. of, but not on, Sag Harbor Tpke. S. of Scuttlehole Rd.; on, off of, or N. of Pheasant Rd.; Brick Kiln Rd. N. to Saint Andrews Cemetary, Stony Hill Rd. and served areas west of Noyac Rd., N. to intersection with Stony Hill Rd. (see also "Sag Harbor")	<b>34</b>
<b>Brookhaven</b> S. of Sunrise Hwy. and W. of Carmans River (S. to Great South Bay)	<b>1</b>
<b>Camp Hero, Montauk Point</b>	<b>26</b>
<b>Center Moriches - On or N. of Frowein Rd.</b>	<b>18</b>
<b>Center Moriches - S. of Frowein Rd.</b>	<b>20</b>
<b>Centereach, South Centereach</b> Centereach - All areas S. and / or W. of Nichols Rd. and E. of, but not on Washington Ave. South Centereach - N. of Wanda Terrace, Linden Ln., Grendon Ln., Hermart Ln., Crossover Dr., Peak St., Northfield Dr., W. of Morris Ave., E. of "C" St., and S. of Portion Rd., only.	<b>12</b>
<b>Centereach, South Centereach</b> Centereach - Includes N. and S. Centereach. Areas S. of, but not on, Middle Country Rd. and / or on, or W. of, Washington Ave. South Centereach - S. of Wanda Terrace, Linden Ln., Grendon Ln., Hermart Ln., Crossover Dr., Peak St., Northfield Dr., W. of "C" St., and S. of Portion Rd. only.	<b>15</b>
<b>Centerport</b> N. of, W. of, or on, Old Field Rd. or Centerport Rd.	<b>6</b>
<b>Centerport</b> N. of, or on Harbor Circle; W. of, or on, Ft. Salonga Rd. or Washington St. (S. of this area is Greenlawn Water District)	<b>8</b>
<b>Central Islip</b>	<b>12</b>
<b>Cherry Grove, Fire Island</b>	<b>54</b>
<b>Cold Spring Harbor</b>	<b>6</b>
<b>Commack</b> Area W. of Sunken Meadow State Pkwy., N. of or on Burr Rd. Also area E. of Town Line Rd. but W. of Sunken Meadow Pkwy. S. to and including Hubbel St. and N. of Vance St.	<b>10</b>
<b>Commack, East Commack</b> E. of Sunken Meadow State Pkwy., N. of Northern State Pkwy.	<b>11</b>
<b>Copiague, Amity Harbor</b>	<b>1</b>
<b>Coram, Gordon Heights</b> Except area, on, or off of, Granny Rd. E. between Rte. 112 and Coram Yaphank Hill Rd. Also areas on Rte. 112 S. of Granny Rd. Includes all areas W. of Rte. 112 S. to Horseblock Rd.	<b>15</b>
<b>Coram</b> S. of Horse Block Rd. and Country Rd. (includes southern areas not covered above).	<b>12</b>
<b>Corneille Estates, Fire Island</b>	<b>53</b>

TOWN	DISTRIBUTION AREA
<b>Cutchogue Mathews La. and Dylan Terrace area.</b>	<b>30</b>
<b>Davis Park, Fire Island</b>	<b>55</b>
<b>Deer Park</b> (All areas S. of LIRR not covered below)	<b>1</b>
<b>Deer Park</b> All areas N. of LIRR. Also area S. of LIRR E. of or on Carll's Path, S. to Grand Blvd. then, E. along Grand Blvd. to Commack Rd., then all areas accessible from Grand Blvd. N. of, but not on Crossway Dr. and / or Headline Rd. to the Babylon town line. (Including all areas N. to Dix Hills Water District)	<b>12</b>
<b>Dunewood, Fire Island</b>	<b>53</b>
<b>East Hampton (except Sag Harbor and Montauk area), Freetown, Springs</b> All areas from the town line E. to, but not including, Hither Hills State Park or points E.	<b>23</b>
<b>East Islip</b>	<b>1</b>
<b>East Marion</b>	<b>30</b>
<b>East Moriches</b>	<b>20</b>
<b>East Northport</b> S. of Middleville Rd., W. of Sagtikos Pkwy., W. to boundary with Greenlawn Water District near Elwood Rd.	<b>10</b>
<b>East Quogue, Oakville</b>	<b>20</b>
<b>East Setauket</b> N. or E. of LIRR; N. or W. of Hulse Rd. or California Ave.	<b>14</b>
<b>East Setauket (South Setauket)</b> S. of LIRR; Hulse Rd., Canterbury Ct.; E. of, or on, California Ave., S. of N. Country Rd. from California Ave. E.	<b>15</b>
<b>Eastport</b> S. of Sunrise Hwy.	<b>20</b>
<b>Eastport</b> N. of Sunrise Hwy.	<b>18</b>
<b>Fair Harbor Water District, Fire Island</b> (see page 15)	<b>53</b>
<b>Farmingville</b> S. of Horse Block Rd., N. of, or on, Horse Block Rd., W. of Berkshire Ave.	<b>12</b>
<b>Farmingville</b> N. of, or on, Horse Block Rd., E. of Berkshire Dr.	<b>15</b>
<b>Flanders</b> Areas E. of Rte 105, on or N. of Kings Pl./Grant Ct. and easterly ponds, S. of Peconic Bay, E. of Goose Creek, Flanders and Birch Creek County Parks.	<b>39</b>
<b>Great River, Great River North</b> Great River North - W. of, or on Connetquot Ave., S. of Babylon St.; E. of Connetquot Ave., S. of Atlantic St.	<b>1</b>
<b>Great River North</b> N. of, or on, Atlantic St. and N. of, or on Babylon St.	<b>12</b>
<b>Greenport</b>	<b>30</b>
<b>Halesite</b>	<b>6</b>
<b>Hauppauge, South Hauppauge</b>	<b>12</b>
<b>Holbrook, East Holbrook</b> From LIRR S. to areas N. of Veterans Hwy. (Rte. 454) or N. of Patchogue Holbrook Rd. except: Lincoln Ave. N. of Veterans Hwy on or off of, Grundy Ave. S. of Pearl St. Also, Eastern Holbrook, E. of Nicolls Rd. or Woodside Ave. Does not include areas S. of Woodside that are E. of Waverly Ave. Also, W. of Nicolls Rd. on Greenbelt Parkway and N. of Iverness Rd. All other East Holbrook areas N. of Iverness Rd. On, or off of, Shadow Grove, Santa Anita, Sequoia Way.	<b>12</b>
<b>Holbrook, South Holbrook</b> W. of Nicolls Rd. on, or off of, Greenbelt Parkway S. of, or on, Iverness Rd. All areas S. of Iverness Rd. E. of Broadway.	<b>1</b>
<b>Holtville</b>	<b>12</b>
<b>Huntington, E. Huntington, E. Neck, W. Neck, Lloyd Harbor, Lloyd Neck, Huntington Station</b> (Greater Huntington Area; includes portions of Huntington Station. Various smaller areas within the greater Huntington area are further subdivided and described in subsequent entries. Read all entries to determine the appropriate zone) Starting at the Nassau-Suffolk border by Cold Spring Harbor; N. of, on, and W. of, Saw Mill Rd. or Snowball Dr., E. or N. of Woodchuck Hollow; N. of Rogues Path (W. 11th Rd. and E. 11th Streets) or N. of Pulaski Rd. near Park Ave.; N.W. of Whitson and / or Lake Rds.; N.W. of, but not on, Old Field Rd. up to Centerport Harbor.	<b>6</b>
<b>Huntington</b> (Includes northern portions of Huntington Station. Read all entries to determine the appropriate distribution area). Areas E. of Hawkhurst, Rancher Pl., N. of E. 10th / E. 11th St., W. of Algonquin Dr., Osage Dr., and Park Ave., S. of Columbia Ave & Olive St.	<b>7</b>
<b>Huntington</b> (Rte. 110 / New York Ave. corridor in Huntington Village) Areas S. or E. of the intersection of W. Shore Rd. and Mill Dam Rd., E. of, or on Wall St. N. of Main St., E. of Woodbury Rd., S. of Main St. but N. of High St.; N. of High St. or Dewey St., W. of but not on Spring Rd., N. to New York Ave. at Madison St., N. along both sides (about 1 block deep on E. side) of New York Ave. to and including, Young's Hill Rd., then N. including the area, and all streets, from Huntington Harbor shoreline E. to, but not including, Huntington Bay Rd.; then N. to the Huntington Bay Village Boundary (near Castle Harbor Ct., Bay Rd.)	<b>5</b>
<b>Huntington Bay</b> (Village of) Starting at the southern Village boundary at the intersection of Locust Ln. and Bay Rd.; areas W. of, but not including, Locust Ln.; N. to Upper Dr., then area W. of, and including Locust Ln., N. to coast.	<b>5</b>
<b>Huntington Bay</b> (parts of Village and surrounding area not contained in previous entry) E. of Bay and Locust Rds.; includes most of Halesite area, Crescent Beach, Knollwood Beach, and all areas around Centerport Harbor including Little Neck Rd.	<b>6</b>
<b>Huntington</b> (Half Hollow Hills and East Half Hollow Hills) S. of Strathmore Park (on, or off of, Burrs Ln.) or S. of Otsego Park on, or off of, Commack Rd.; S. of Euclid Ave., S. of Plymouth St., S. or E. of Seamans Neck Rd., Seneca Ave., Oakfield Ave. or Pine Acres Blvd.	<b>12</b>
<b>Huntington</b> (Huntington Manor) N. or W. of: North St., Columbia St., Tower St.; W. or S. of New York Ave. (Near Holdsworth Dr.), S. of, but including; Semon, Pine, Soundview, and Walnut Rds.; E. of Hawkshurst and Woodchuck Hollow Rds.	<b>6</b>
<b>Islandia</b>	<b>12</b>
<b>Islip</b>	<b>1</b>
<b>Islip Terrace</b>	<b>1</b>
<b>Kings Park</b> E. of Sunken Meadow Pkwy., S. of E. Northport Rd. and or Old Dock Rd. E. to boundary with Smithtown Water District.	<b>11</b>

# WATER DISTRIBUTION AREA INDEX (TOWNS Kings Park - Yaphank)

TOWN	DISTRIBUTION AREA	TOWN	DISTRIBUTION AREA
<b>Kings Park</b> E. of Sunken Meadow Pkwy., N. of E. Northport Rd., Main St. (Rte. 25A), N and W along Old Dock Rd.; Includes areas N. along Kohr Rd. but S. of Valley Cedar Pl.	10	<b>Pilgrim State Psychiatric Center</b>	12
<b>Kings Park</b> N. of the other two Kings Park areas, to the coast, includes the coastal end of the Dock Rds.	9	<b>Point O' Woods, Fire Island</b>	54
<b>Kismet, Fire Island</b>	4	<b>Port Jefferson</b> W. of Belle Terre Rd., on any cross street, N.E. or N.W. of Port Jeff. H.S.	14
<b>Lake Grove</b> S. of Middle Country Rd. (Rte. 25) Also the neighborhoods N. of Middle Country Rd. accessed from Deitz Rd., New Holmstead Rd., Hawkton Pl. or Stony Brook Rd. S. of Hawk or Renown St., All areas E. of Stony Brook Rd. in zip code 11755.	12	<b>Port Jefferson, Belle Terre</b> All other areas not covered above.	15
<b>Lake Grove</b> Areas N. of Middle Country Rd and Rte 347 between Cambon Ave. (on the west) and Moriches Rd. (on the East) N. to Gordons Gate, Aesop La. and Glen Hill. All areas N. of Middle Country Rd. (Rte. 25) within the Township of Brookhaven.	15	<b>Port Jefferson Station, Terryville</b>	15
<b>Lake Ronkonkoma, Sachem, Lakeland</b> Most of area except Cenacle of St. Regis and points east. Includes all areas and cul-de-sac accessible from Gatelot Ave., Sachem H.S. and areas N. of Smith Rd. W. of Sachem H.S. and E. to Balaton Ave. Then all areas N. of but not on Smith Rd.	12	<b>Quogue</b>	20
<b>Lake Ronkonkoma</b> Cenacle of St. Regis and points east. Areas S. of Smith Rd. E. of Sachem H.S. Then all areas on or S. of Smith Rd. The numbered streets and lettered avenues on both sides of Holbrook Rd. and areas just E. and just W. of those streets adjacent to Portion Rd.	15	<b>Remsenburg</b>	20
<b>Laurel</b>	30	<b>Ridge, South Ridge</b>	18
<b>Lindenhurst, North Lindenhurst</b>	1	<b>Riverside (Suffolk County Community College)</b>	21
<b>Lonelyville, Fire Island</b>	53	<b>Riverside Water District (see page 15)</b>	RSWD
<b>Manorville, South Manor</b>	18	<b>Rocky Point</b>	15
<b>Mastic N. of Sunrise Hwy.</b>	18	<b>Ronkonkoma</b>	12
<b>Mastic S. of Sunrise Hwy.</b>	20	<b>Sagaponack</b>	23
<b>Mastic Beach</b>	20	<b>Sag Harbor (includes Village of Sag Harbor), Bridgehampton</b> E. of Bayview Dr. W., Locust, Anchor, Clay Pit Rd. and Huntington Crossway, S. along Sag Harbor Tpke., W of Old Farm Rd., Sprig Tree Path and Whalers Dr. N. of Laurel Ln. and Middle Line Hwy., includes areas generally bounded by Joseph Francis Blvd., Carlisle Ln., Collingswood Dr. and N. of Kola Dr. Also includes all areas within actual Village boundaries (both Townships).	23
<b>Mattituck (Greater Mattituck Area) Includes Captain Kidd Estates.</b>	30	<b>Saint James, Western Saint James</b> Areas N. of, or on, Middle Country Rd., E. to and including Astor Ave. W. St. James area is W. of 50 Acre Rd., N. of LIRR to Nissequogue River Rd	12
<b>Medford</b> Northern-most area: Areas along Coram and Yaphank Rd. Areas accessed from either Greentree Dr. off of Mill Rd., or from Bellport La. N. to Coram Hill and Coram.	15	<b>Saint James</b> Area N. of, or on, Middle Country Rd. and E. of Astor Ave.	15
<b>Medford</b> S. of and including, Horseblock Rd. Areas on Rte 112, not including Middle Island Rd. Area E. of Middle Island Rd. but S. of, or off of, Granny Rd., E. to intersection with Bellport Ave. and Mill Ave., E. along N. Dunton to Country Rd. E. along Mill Rd. but not including Bellport La., Greentree Dr. or areas N. (these are covered in Distribution Area 15). Also, all areas to the south and west of the area above, down to the intersection of North Ocean Ave and Southaven, then east along Southaven to Buffalo Ave. Includes all areas on or off of Buffalo Ave., S. to Woodside Ave., then crossing Woodside, all areas N. and E. of Fish Thicket Rd., or Sunrise Hwy., E. to C.R. 101 / Patchogue-Yaphank Rd. / Sills Rd., N. to Harrison Ave., E. along Harrison to Bellport Station Rd.	12	<b>Sayville</b>	1
<b>Medford</b> Areas S. of Southaven Ave., on or S. of Woodside Ave. but W. of Fish Thicket Rd. All areas not covered above.	1	<b>Selden, North Selden</b>	15
<b>Middle Island</b> W. of, but not including, Miller Place-Yaphank Rd. or Middle Island Rd.	15	<b>Setauket, Poquott</b> N. of LIRR tracks. Also includes the small group of cul-de-sacs N. of Lower Sheep Pasture Rd., E. off of Bennetts Rd. to the point where Pheasant Dr. meets Buckingham Way. Does not include area to N. E. of Stony Brook R.R. Station which is bounded by Quaker Path on the W., Ridgeway Ave. on the N., and N. Country Rd. both E. and S. of Ridgeway (see below for this area).	14
<b>Middle Island</b> On, or E. of, Miller Place-Yaphank Rd. and on or N. of, Longwood Rd.	18	<b>Setauket, South Setauket</b> Includes area to N.E. of Stony Brook R.R. (S. Setauket) S. of LIRR; including on, or E. of, Quaker Path, S. of Ridgeway Ave., W. of N. Country Rd., and / or N. of N. Country Rd. All of South Setauket.	15
<b>Middle Island</b> On or E. of Miller Place-Yaphank Rd. and S. of Longwood Rd.	12	<b>Shirley</b> S. of Sunrise Hwy., E. of Carmans River	20
<b>Miller Place</b>	15	<b>Shirley, North</b> N. of Sunrise Hwy., E. of Carmans River	18
<b>Montauk, Montauk Beach</b> E. of Second House Rd., and on, or off of, East Lake Dr., N. of Montauk Point State Pkwy.; E. of Resource Recovery Center to, but not on, Dewitt Pl. or Dorset Dr. Montauk Beach - E. of Hither Hills State Park on Old Montauk Hwy. and Montauk State Blvd. All other SCWA service areas, and Camp Hero after July, 2008.	26	<b>Shoreham</b> Northern area of village; and Overhill Rd., Ashley La., Soundview Dr., Mary Pitkin Path and all points N., includes East Shoreham. Excludes areas shown below.	18
<b>Moriches S. of Sunrise Hwy.</b>	20	<b>Shoreham</b> Areas W. of village. Also includes part of village and area E. as follows: W. of South Gate on or off of Woodville Rd. N. to and including Suffolk Down or areas on or off of Briarcliff Rd. N. to Ashley La. or Soundview Dr.	15
<b>Moriches N. of Sunrise Hwy.</b>	18	<b>Smithtown, Village of The Branch</b>	12
<b>Mount Sinai</b>	15	<b>Sound Beach</b>	15
<b>New Suffolk</b>	30	<b>Southampton, North Sea</b>	23
<b>Nesconset</b>	12	<b>Southampton, Roses Grove</b> All areas served by SCWA on, or off of Millstone Rd. north of Guyer Rd., continuing north to north side of old racetrack property. All areas along Middle Line Hwy to the east to Deerfield Rd., south on Deerfield to Roses Grove Rd., northwest on Roses Grove Rd to Noyac Rd., northeast on Noyac Rd. to Cedar Pt. Ln. (all streets on or off of Noyac Rd.)	44
<b>Nissequogue, Southwest Head of the Harbor</b> N. of or on Spring Hollow Rd., N. of Quail Path. Buckingham Ct. and The Chase.	12	<b>Southold, Bayview (Except Browns Hills)</b>	30
<b>Nissequogue, Head of the Harbor, Western Head of the Harbor, Southwest Saint James</b> South of Spring Hollow Rd., including Quail Path and areas south. Not including Nissequogue River Rd., Steep Bank Rd. Includes all areas on or off of Moriches Rd., Branglebrink Rd., Stone Gate and Old Post Rd., all areas on or off of 50 Acre Rd., Weatherhill La. and Weathercrest Ct., Frog Hollow and all roads off of Cord Wood Path. All areas not described herein are in Distribution Area 12. For Head of the Harbor, all areas except Buckingham Ct. and The Chase.	15	<b>Speonk</b>	20
<b>North Babylon</b>	1	<b>Stony Brook, South Stony Brook</b>	15
<b>Northport</b> On, W. of, or N. of, James, Bayview, Woodbine, or Fort Salonga Rds., W. of, but not on, Reservoir Rd.	8	<b>Stony Brook Water District (see page 16)</b>	SBWD
<b>Northport, Asharoken, Crab Meadow, Eatons Neck, Fort Salonga</b> E. of, or on, Douglas Rd. and N. of Fort Salonga Rd. (except area between Fort Salonga Rd. and Scudder Ave. below)	9	<b>Summer Club, Fire Island</b>	53
<b>Northport</b> Areas off of, E. of, or on, Reservoir Ave. or Laurel Rd. between Fort Salonga Rd. and Scudder Ave.; S. of Fort Salonga Rd. or Middleville Rd. E. of Vernon Valley Rd.	10	<b>The Pines, Fire Island</b>	54
<b>Ocean Bay Park, Fire Island</b>	54	<b>Wading River</b> All areas served by SCWA.	18
<b>Oakdale</b>	1	<b>Wainscott</b>	23
<b>Orient (Browns Hills only)</b>	35	<b>Water Mill</b>	23
<b>Patchogue, E. Patchogue, Hagerman (Includes Village of Patchogue)</b> N. to, and including Woodside Ave.	1	<b>West Babylon</b> On, and off of, Wellwood Ave. (East side), N. up to Long Island Ave., S. along Belmont Ave., Lafayette Rd., and Livingston Ave.	1
<b>Patchogue, North</b> Area N. of Woodside Ave., and S. of L.I.E. (Rte. 495)	12	<b>West Islip</b>	1
<b>Peconic</b>	30	<b>West Sayville</b>	1
		<b>Westhampton (all areas except below)</b>	20
		<b>Westhampton</b> From the LIRR tracks N. to Sunrise Hwy., on, and off of, Old Riverhead Rd., (C.R. 31); All streets accessed from, or off of, Stewart Ave. across from Gabreski Airport.	32
		<b>Westhampton Beach</b>	20
		<b>Wyandanch, Wheatley Heights (South of the LIRR)</b>	1
		<b>Wyandanch, Wheatly Heights (North of the LIRR)</b>	12
		<b>Yaphank, West Yaphank, East Yaphank, South Yaphank</b> (Except Colonial Woods / Yaphank Woods) E. of Greentree Dr., S. of Granny, Ashton, Bartlett, and Longwood Rds South Yaphank - Most areas S. to Sunrise Hwy. All areas west of but not on, Yaphank Ave. Includes Park and Crescent streets, and cross streets in area E. of Yaphank Ave., just south of railroad. All areas between railroad and LIE.	12
		<b>Yaphank, East</b> Colonial Woods / Yaphank Woods and other areas accessed from William Floyd Pkwy.	18
		<b>Yaphank, South (includes South Haven)</b> All areas on or off of both sides of Yaphank Ave. N. to intersection of Yaphank Ave. and Gerrard Rd. All of Gerrard Rd. and all other roads E. of Yaphank Ave. to South Haven County Park. All areas S. of Sunrise Hwy. Also, small area N. of Sunrise bounded by Patchogue-Yaphank / Sills Rd. (C.R. 101) on the west, Harrison Ave. on the N., Bellport Station Rd. on the E., and Sunrise Hwy on the S.	1

# SCWA DISTRIBUTION AREAS

Suffolk County is not flat. In fact, the ground surface elevation across the county varies from sea level to over 300 feet above sea level. Elevation is the key factor in determining water pressure, the lower the ground elevation, the higher the pressure. A single water system could not provide reasonable water pressure to every home. Some homes would have too much pressure and some would have no pressure at all. Therefore, the Water Authority has divided the system into 44 pressure zones. Distribution areas may encompass more than one pressure zone. There are 28 distribution areas.

Each pressure zone is made up of pump stations, storage tanks, and/or booster stations which are designed to provide adequate water pressure to the elevations they serve. These facilities are connected by underground water pipes of various sizes. This piping network is called a distribution system. A pump station consists of at least one well and associated treatment facilities. The well provides access to the underground aquifer. We use a submersible pump powered by an electric motor to bring the water out of the ground, through the treatment facility and into the distribution system. The water can then be delivered to homes, fire hydrants, schools and wherever else it is needed. Any excess water goes into the storage tank where it is stored for later use. The water storage tank provides a stable operating pressure and can supply a lot of water in a short time in the event of an emergency. The wells are turned on and off as required to satisfy the water demand in the distribution system.

If you look at the distribution area map shown below, you will see the size of the areas range from very small, which serves a few homes to very large which serves tens of thousands of homes. The distribution areas are interconnected with booster pumps and/or automatic control valves. In the event of very high demands for water during peak summer usage or an emergency, such as a fire or main break, the booster pump or automatic valve will operate and supply additional water to the impacted area. This operation helps insure that adequate water is available at all times. It also means that if your home is near the boundary of a distribution area, it may receive water from the adjacent distribution area on occasion. In a few areas, booster pumps routinely pump water from one zone to another. Please see the notes on the map for more information.



**NOTE:** 31 percent of the total water provided in the Flanders area came from Distribution Area 21 in 2009. This area is shown below as Distribution Area 39.

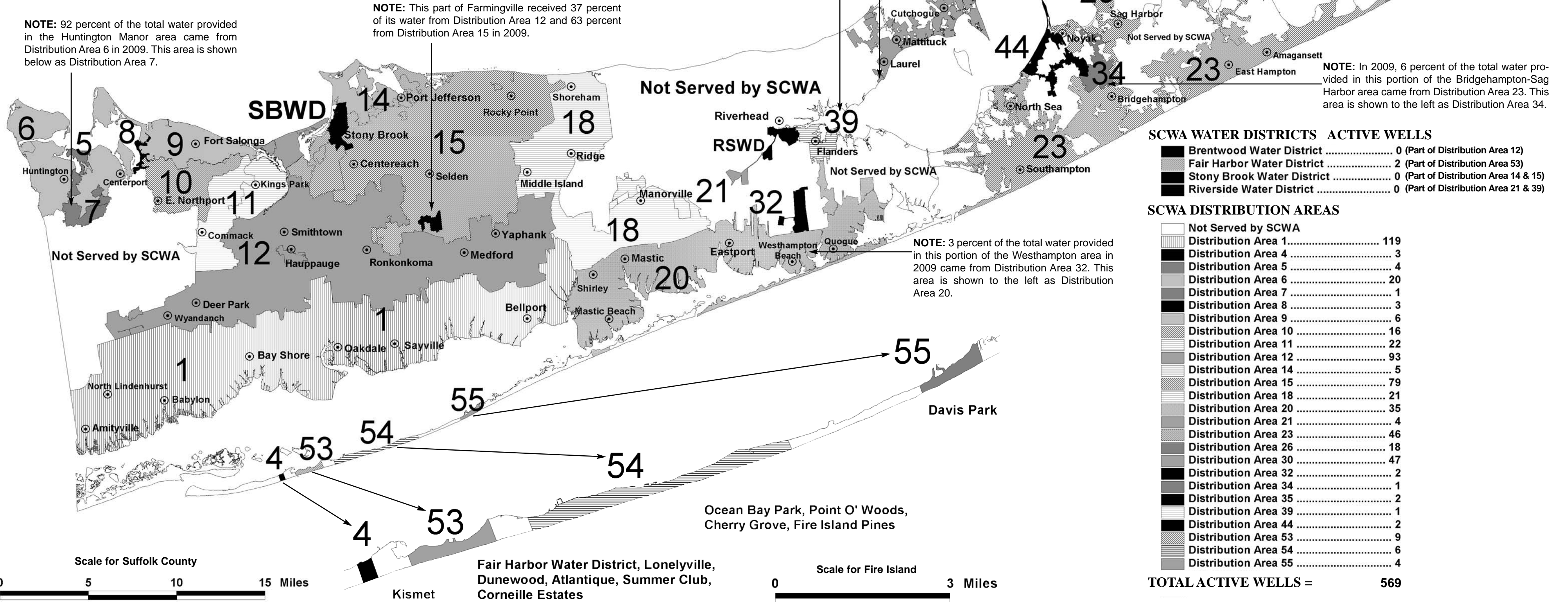
**NOTE:** 51 percent of the total water provided in the Montauk area during 2009 came from Distribution Area 23. This area is shown below as Distribution Area 26.

**NOTE:** In 2009, 1 percent of the total water provided in the Southold area came from the Riverhead Water District. This area is shown below as Distribution Area 30.

**NOTE:** 92 percent of the total water provided in the Huntington Manor area came from Distribution Area 6 in 2009. This area is shown below as Distribution Area 7.

**NOTE:** This part of Farmingville received 37 percent of its water from Distribution Area 12 and 63 percent from Distribution Area 15 in 2009.

**NOTE:** In 2009, 6 percent of the total water provided in this portion of the Bridgehampton-Sag Harbor area came from Distribution Area 23. This area is shown to the left as Distribution Area 34.





# 2010 Annual Water Quality Statement - Distribution Area Data

Suffolk County Water Authority 2010 Annual Water Quality Statement For Calendar Year 2009			Distribution Area 1				Distribution Area 4				Distribution Area 5				Distribution Area 6				Distribution Area 7			
Measurement	MCL	Unit of Measurement	Range of Readings				Range of Readings				Range of Readings				Range of Readings				Range of Readings			
			Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests
<b>Radioactivity</b>																						
Gross Alpha activity	pCi/l	15	ND	ND	ND	12	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	2	ND	ND	ND	1
Gross Beta activity (Pg 5, footnote 1)	pCi/l	50	ND	2.40	ND	12	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	2	ND	ND	ND	1
Radon (Pg 5, footnote 2)	pCi/l	4000	ND	ND	ND	10	ND	ND	ND	1	ND	ND	ND	1	ND	222	ND	2	ND	ND	ND	1
Radium-228 (Pg 5, footnote 3)	pCi/l	5	ND	1.2	ND	3	NA	NA	NA	0	NA	NA	NA	0	ND	1.8	ND	8	NA	NA	NA	0
<b>Inorganics</b>																						
Alkalinity, total	mg/l	n/a	ND	101.2	35.3	249	27.8	49.2	39.4	9	29.4	75.6	42.7	12	ND	71.2	41.8	42	43.0	62.2	49.8	4
Aluminum	mg/l	n/a	ND	0.48	0.06	331	0.02	0.10	0.06	9	ND	0.09	0.04	12	ND	0.13	0.05	53	ND	0.09	0.06	14
Ammonia, free	mg/l	n/a	ND	0.13	ND	310	ND	ND	ND	9	ND	0.02	ND	13	ND	0.03	ND	44	ND	ND	ND	4
Antimony	ug/l	6	ND	ND	ND	331	ND	ND	ND	9	ND	ND	ND	12	ND	ND	ND	53	ND	ND	ND	14
Arsenic	ug/l	10	ND	1.4	ND	331	ND	ND	ND	9	ND	1.6	ND	12	ND	ND	ND	53	ND	ND	ND	14
Barium	mg/l	2	ND	0.07	ND	331	ND	ND	ND	9	ND	0.17	0.04	12	ND	0.05	ND	53	ND	0.03	ND	14
Boron	mg/l	n/a	ND	0.20	ND	704	ND	0.12	ND	42	ND	ND	ND	12	ND	ND	ND	44	ND	ND	ND	4
Bromide	mg/l	n/a	ND	ND	ND	251	ND	ND	ND	9	ND	ND	ND	11	ND	ND	ND	44	ND	ND	ND	4
Calcium	mg/l	n/a	ND	49.3	14.1	704	ND	1.5	0.7	42	8.5	49.0	16.8	12	5.2	30.7	17.6	44	17.8	25.7	20.8	4
CO2, calculated	mg/l	n/a	0.1	21.2	3.5	249	1.4	8.2	4.1	9	0.7	13.7	4.5	12	0.5	14.4	3.4	42	1.5	5.5	4.0	4
Chloride	mg/l	250	3.5	104.2	11.4	251	3.0	3.7	3.3	9	9.1	129.0	39.3	11	4.8	22.6	12.2	44	11.4	14.4	13.1	4
Chromium, total	ug/l	100	ND	ND	ND	331	ND	ND	ND	9	ND	ND	ND	12	ND	8.6	ND	53	ND	2.8	ND	14
Cobalt-59	ug/l	n/a	ND	3.5	0.6	331	ND	ND	ND	9	ND	ND	ND	12	ND	1.5	ND	53	ND	ND	ND	14
Color	Color units	15	ND	17	ND	249	ND	11	7	9	ND	5	ND	12	ND	ND	ND	42	ND	ND	ND	4
Copper	mg/l	AL=1.3	ND	0.34	0.05	331	ND	0.02	ND	9	ND	0.04	ND	12	ND	0.05	ND	53	ND	0.04	ND	14
Dissolved solids, total	mg/l	n/a	17	249	65	251	46	70	60	9	58	332	123	12	34	167	95	43	95	129	109	4
Fluoride	mg/l	2.2	ND	ND	ND	251	ND	ND	ND	9	ND	ND	ND	11	ND	ND	ND	44	ND	ND	ND	4
Hardness, total	mg/l	n/a	2.2	149.8	41.7	704	ND	4.3	ND	42	35.0	175.7	65.3	12	18.0	103.6	58.7	44	60.0	83.1	68.7	4
Iron	ug/l	300	ND	1028	258	704	172	489	232	42	ND	86	ND	12	ND	83	ND	44	ND	32	ND	4
Lead	ug/l	AL=15	ND	3.2	ND	331	ND	1.2	ND	9	ND	3.1	ND	12	ND	1.6	ND	53	ND	2.1	ND	14
Lithium	ug/l	n/a	ND	7.9	1.5	331	3.3	3.9	3.6	9	ND	3.0	ND	12	ND	2.1	ND	53	ND	ND	ND	14
Magnesium	mg/l	n/a	0.20	9.32	1.60	704	ND	ND	ND	42	3.32	12.96	5.69	12	1.12	7.10	3.56	44	3.39	4.59	4.04	4
Manganese	ug/l	300	ND	104	13	704	ND	ND	ND	42	ND	24	ND	12	ND	23	ND	44	ND	ND	ND	4
Molybdenum	ug/l	n/a	ND	ND	ND	331	ND	ND	ND	9	ND	2.0	ND	12	ND	ND	ND	53	ND	ND	ND	14
Nickel	ug/l	100	ND	16.6	1.9	331	ND	ND	ND	9	ND	1.7	0.6	12	ND	2.0	0.8	53	ND	1.8	0.9	14
Nitrate	mg/l	10	ND	8.00	0.57	251	ND	ND	ND	9	ND	6.61	2.63	11	0.93	8.29	4.30	44	4.36	5.65	4.98	4
Perchlorate (Pg 5, footnote 4)	ug/l	15	ND	1.58	0.14	278	ND	ND	ND	10	ND	0.94	0.44	13	ND	7.04	1.46	113	ND	0.82	0.61	4
Phosphate, total	mg/l	n/a	ND	2.86	0.85	704	0.20	3.52	1.05	42	ND	ND	ND	12	ND	ND	ND	44	ND	ND	ND	4
pH	pH units	n/a	6.5	8.9	7.4	249	6.8	7.8	7.4	9	6.9	8.1	7.4	12	6.6	8.4	7.4	42	7.3	7.9	7.4	4
pH, field	pH units	n/a	6.0	8.0	7.1	226	6.5	7.5	7.0	9	6.9	7.5	7.4	12	7.0	8.4	7.3	39	7.1	7.5	7.4	4
Potassium	mg/l	n/a	0.27	3.14	0.79	704	1.10	1.37	1.21	42	0.82	2.24	1.18	12	0.50	1.27	0.90	44	0.82	0.99	0.92	4
Selenium	ug/l	50	ND	ND	ND	331	ND	ND	ND	9	ND	ND	ND	12	ND	ND	ND	53	ND	ND	ND	14
Silicon	mg/l	n/a	2.7	8.1	4.5	331	3.8	4.4	4.2	9	6.3	7.5	6.8	12	4.2	8.9	6.6	53	5.9	7.6	6.5	14
Sodium (Pg 5, footnote 5)	mg/l	n/a	2.6	44.6	8.0	704	14.4	27.2	21.4	42	7.0	52.3	17.9	12	4.7	12.0	8.3	44	8.7	11.3	9.9	4
Specific conductance	umho/cm	n/a	47	498	127	249	84	125	106	9	116	658	242	12	67	325	178	42	171	238	201	4
Strontium-88	mg/l	n/a	ND	0.14	0.03	331	ND	ND	ND	9	0.03	0.16	0.06	12	0.02	0.12	0.06	53	0.06	0.09	0.07	14
Sulfate	mg/l	250	ND	44.5	5.9	251	7.6	8.6	7.9	9	ND	13.5	5.6	11	ND	34.2	7.0	44	4.9	8.7	6.9	4
Temperature, field	°Centigrade	n/a	7	16	12	212	12	16	15	6	10	12	11	10	9	14	11	33	11	11	11	2
Tin	ug/l	n/a	ND	0.8	ND	331	ND	ND	ND	9	ND	ND	ND	12	ND	0.5	ND	53	ND	ND	ND	14
Titanium	ug/l	n/a	ND	11.8	ND	704	ND	ND	ND	42	ND	ND	ND	12	ND	5.2	ND	44	ND	ND	ND	4
Total Organic Carbon (TOC)	mg/l	n/a	ND	2.59	0.33	256	0.33	1.16	0.59	9	ND	1.06	0.30	11	ND	1.51	0.33	44	ND	0.42	ND	4
Turbidity	NT units	5	ND	2.1	ND	249	ND	0.97	0.51	9	ND	0.66	ND	12	ND	0.77	ND	42	ND	0.41	ND	4
Vanadium	ug/l	n/a	ND	ND	ND	331	ND	ND	ND	9	ND	ND	ND	12	ND	ND	ND	53	ND	ND	ND	14
Zinc	mg/l	5	ND	0.10	ND	331	ND	0.03	ND	9	ND	ND	ND	12	ND	ND	ND	53	ND	ND	ND	14
<b>Synthetic Organic Compounds including Pesticides and Herbicides</b>																						
Alachlor ESA	ug/l	50	ND	ND	ND	305	ND	ND	ND	10	ND	ND	ND	15	ND	ND	ND	77	ND	ND	ND	4
Aldicarb sulfone	ug/l	2	ND	ND	ND	259	ND	ND	ND	10	ND	ND	ND	13	ND	ND	ND	75	ND	ND	ND	4
Aldicarb sulfoxide	ug/l	4	ND	ND	ND	259	ND	ND	ND	10	ND	ND	ND	13	ND	ND	ND	75	ND	ND	ND	4
1,4-Dioxane	ug/l	50	ND	2.1	0.5	26	ND	ND	ND	1	ND	1.8	1.2	6	ND	2.6	0.9	49	1.4	2.7	1.9	5
Metalaxyl	ug/l	50	ND	ND	ND	305	ND	ND	ND	10	ND	ND	ND	15	ND	ND	ND	55	ND	ND	ND	4
Metolachlor	ug/l	50	ND	ND	ND	305	ND	ND	ND	10	ND	ND	ND	15	ND	ND	ND	55	ND	ND	ND	4
Metolachlor ESA	ug/l	50	ND	ND	ND	305	ND	ND	ND	10	ND	ND	ND	15	ND	ND	ND	77	ND	ND	ND	4
Metolachlor OA	ug/l	50	ND	ND	ND	305	ND	ND	ND	10	ND	ND	ND	15	ND	ND	ND	77	ND	ND	ND	4
Tetrachloroterephthalic Acid(TCPA)	ug/l	50	ND	ND	ND	262	ND	ND	ND	10	ND	ND	ND	18	ND	9.9	2.0	69	ND	ND	ND	4
<b>Volatile Organic Compounds</b>																						
Chlorodifluoromethane	ug/l	5	ND	ND	ND	316	ND	ND	ND	10	ND	ND	ND	32	ND	ND	ND	104	ND	ND	ND	9
Cis-1,2-Dichloroethene	ug/l	5	ND	ND	ND	629	ND	ND	ND	19	ND	ND	ND	45	ND	ND	ND	213	ND	ND	ND	19
Dichlorodifluoromethane	ug/l	5	ND	ND	ND	629	ND	ND	ND	19	ND	ND	ND	45	ND	ND	ND	213	ND	ND	ND	19
1,1-Dichloroethane	ug/l	5	ND	1.1	ND	629	ND	ND	ND	19	ND	3.3	0.5	45	ND	3.3	0.5	213	ND	ND	ND	19
1,1-Dichloroethene	ug/l	5	ND	ND	ND	629	ND	ND	ND	19	ND	ND	ND	45	ND	ND	ND	213	ND	ND	ND	19
1,2-Dichloroethane	ug/l	5	ND	ND	ND	629	ND	ND	ND	19	ND	ND	ND	45	ND	0.9	ND	213	ND	ND	ND	19
1,2-Dichloropropane	ug/l	5	ND	ND	ND	629	ND	ND	ND	19	ND	ND	ND	45	ND	ND	ND	213	ND	ND	ND	19
Methyl-Tert-Butyl Ether (MTBE)	ug/l	10	ND	0.7	ND	629	ND	ND	ND	19	ND	1.1	ND	45	ND	ND	ND	213	ND	3.4	0.6	19
Tetrachloroethene	ug/l	5	ND	1.5	ND	629	ND	ND	ND	19	ND	ND	ND	45	ND	ND	ND	213	ND	ND	ND	19
1,1,1-Trichloroethane	ug/l	5	ND	1.2	ND	629	ND	ND	ND	19	ND	ND	ND	45	ND	0.9	ND	213	ND	ND		



# 2010 Annual Water Quality Statement - Distribution Area Data

Suffolk County Water Authority 2010 Annual Water Quality Statement For Calendar Year 2009			Distribution Area 8				Distribution Area 9				Distribution Area 10				Distribution Area 11				Distribution Area 12			
Measurement	Unit of Measurement	MCL	Range of Readings				Range of Readings				Range of Readings				Range of Readings				Range of Readings			
			Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests
<b>Radioactivity</b>																						
Gross Alpha activity	pCi/l	15	ND	ND	ND	1	ND	ND	ND	2	ND	ND	ND	2	ND	ND	ND	6	ND	ND	ND	12
Gross Beta activity (Pg 5, footnote 1)	pCi/l	50	ND	ND	ND	1	ND	2.70	ND	2	ND	ND	ND	2	ND	ND	ND	6	ND	2.00	ND	12
Radon (Pg 5, footnote 2)	pCi/l	4000	ND	ND	ND	1	ND	ND	ND	2	ND	ND	ND	2	ND	ND	ND	3	ND	ND	ND	12
Radium-228 (Pg 5, footnote 3)	pCi/l	5	ND	1.2	ND	4	ND	1.4	ND	6	ND	1.8	1.0	15	ND	2.0	ND	14	ND	ND	ND	16
<b>Inorganics</b>																						
Alkalinity, total	mg/l	n/a	22.4	29.4	26.1	8	22.4	72.0	47.9	16	25.2	58.4	38.8	34	ND	86.0	36.5	44	ND	135.8	53.5	206
Aluminum	mg/l	n/a	0.02	0.04	0.03	8	ND	0.09	0.04	32	ND	0.10	0.04	47	ND	0.13	0.05	47	ND	0.31	0.07	260
Ammonia, free	mg/l	n/a	ND	ND	ND	8	ND	ND	ND	16	ND	ND	ND	36	ND	ND	ND	56	ND	0.11	ND	262
Antimony	ug/l	6	ND	ND	ND	8	ND	ND	ND	32	ND	ND	ND	47	ND	ND	ND	47	ND	ND	ND	260
Arsenic	ug/l	10	ND	ND	ND	8	ND	ND	ND	32	ND	ND	ND	47	ND	ND	ND	47	ND	2.6	ND	260
Barium	mg/l	2	ND	ND	ND	8	ND	0.03	ND	32	ND	0.04	ND	47	ND	0.05	ND	47	ND	0.06	ND	260
Boron	mg/l	n/a	ND	ND	ND	8	ND	ND	ND	16	ND	ND	ND	35	ND	ND	ND	69	ND	ND	ND	483
Bromide	mg/l	n/a	ND	ND	ND	38	ND	ND	ND	26	ND	ND	ND	111	ND	ND	ND	81	ND	ND	ND	210
Calcium	mg/l	n/a	8.9	11.1	9.9	8	5.3	35.8	21.7	16	10.2	32.5	20.7	35	2.7	44.5	16.0	69	2.2	62.7	22.2	483
CO2, calculated	mg/l	n/a	0.9	3.5	2.1	8	1.5	13.1	4.8	16	0.8	15.1	5.0	34	0.9	16.2	5.4	44	0.1	31.3	5.5	206
Chloride	mg/l	250	5.1	10.8	7.4	38	5.2	28.3	19.7	26	8.7	46.2	22.0	111	5.0	35.9	18.0	81	3.5	67.0	22.1	210
Chromium, total	ug/l	100	ND	ND	ND	8	ND	16.3	3.9	32	ND	2.9	ND	47	ND	ND	ND	47	ND	ND	ND	260
Cobalt-59	ug/l	n/a	ND	ND	ND	8	ND	ND	ND	32	ND	0.6	ND	47	ND	1.0	ND	47	ND	3.2	ND	260
Color	Color units	15	ND	ND	ND	8	ND	ND	ND	16	ND	5	ND	34	ND	ND	ND	44	ND	13	ND	206
Copper	mg/l	AL=1.3	ND	ND	ND	8	ND	0.04	ND	32	ND	0.04	ND	47	ND	0.18	0.02	47	ND	0.19	ND	260
Dissolved solids, total	mg/l	n/a	39	56	48	8	38	187	130	16	66	179	116	34	16	181	82	45	21	270	116	204
Fluoride	mg/l	2.2	ND	ND	ND	38	ND	ND	ND	26	ND	ND	ND	111	ND	ND	ND	81	ND	ND	ND	210
Hardness, total	mg/l	n/a	24.8	33.0	28.8	8	19.8	117.4	76.7	16	34.9	112.6	70.7	35	9.9	137.3	51.6	69	9.0	183.8	72.0	483
Iron	ug/l	300	ND	40	ND	8	ND	53	ND	16	ND	105	ND	35	ND	104	ND	69	ND	1012	101	483
Lead	ug/l	AL=15	ND	1.4	ND	8	ND	1.8	ND	32	ND	2.5	ND	47	ND	3.6	ND	47	ND	3.1	ND	260
Lithium	ug/l	n/a	ND	ND	ND	8	ND	2.5	ND	32	ND	ND	ND	47	ND	1.2	ND	47	ND	4.3	ND	260
Magnesium	mg/l	n/a	0.61	1.40	1.02	8	1.59	8.44	5.46	16	1.69	7.64	4.60	35	0.47	6.39	2.83	69	0.30	18.77	4.01	483
Manganese	ug/l	300	ND	ND	ND	8	ND	ND	ND	16	ND	ND	ND	35	ND	35	12	69	ND	172	26	483
Molybdenum	ug/l	n/a	ND	ND	ND	8	ND	ND	ND	32	ND	ND	ND	47	ND	ND	ND	47	ND	1.1	ND	260
Nickel	ug/l	100	0.6	2.7	1.1	8	ND	1.5	1.0	32	ND	2.5	1.1	47	ND	2.7	1.3	47	ND	4.1	0.9	260
Nitrate	mg/l	10	0.69	2.60	1.46	38	1.18	8.81	6.35	26	0.70	9.54	6.20	111	0.35	7.94	3.86	81	ND	9.19	2.61	210
Perchlorate (Pg 5, footnote 4)	ug/l	15	1.41	2.04	1.70	8	ND	4.12	1.25	26	ND	8.01	2.31	159	ND	1.43	0.52	52	ND	4.10	0.70	242
Phosphate, total	mg/l	n/a	ND	ND	ND	8	ND	0.11	ND	16	ND	ND	ND	35	ND	ND	ND	69	ND	2.77	0.46	483
pH	pH units	n/a	7.1	7.8	7.4	8	7.0	7.7	7.4	16	6.6	8.0	7.2	36	6.6	8.0	7.2	44	6.7	9.0	7.4	206
pH, field	pH units	n/a	7.0	7.5	7.2	8	6.5	7.5	7.1	13	6.8	8.0	7.1	28	6.5	7.8	7.2	33	6.5	8.0	7.1	176
Potassium	mg/l	n/a	0.47	0.67	0.57	8	0.54	1.70	1.09	16	0.72	1.36	1.08	35	0.49	1.88	1.02	69	0.27	3.09	1.17	483
Selenium	ug/l	50	ND	ND	ND	8	ND	ND	ND	32	ND	ND	ND	47	ND	ND	ND	47	ND	ND	ND	260
Silicon	mg/l	n/a	3.1	3.9	3.5	8	4.3	9.1	6.7	32	3.4	7.5	5.5	47	3.4	6.7	4.5	47	3.1	10.4	6.4	260
Sodium (Pg 5, footnote 5)	mg/l	n/a	4.4	5.9	5.1	8	5.1	16.8	12.4	16	6.5	14.1	10.5	35	4.0	18.5	11.5	69	3.0	50.2	15.6	483
Specific conductance	umho/cm	n/a	78	109	93	8	71	333	238	16	121	320	217	34	54	335	159	44	40	488	221	206
Strontium-88	mg/l	n/a	0.02	0.03	0.02	8	0.02	0.14	0.08	32	0.03	0.15	0.07	47	ND	0.12	0.04	47	ND	0.19	0.07	260
Sulfate	mg/l	250	ND	3.6	ND	38	ND	30.2	15.0	26	ND	38.3	11.2	111	ND	18.0	5.1	81	ND	26.1	8.9	210
Temperature, field	°Centigrade	n/a	11	11	11	6	10	13	11	11	10	13	11	24	9	13	11	26	6	14	12	160
Tin	ug/l	n/a	ND	ND	ND	8	ND	1.0	ND	32	ND	ND	ND	47	ND	ND	ND	47	ND	0.6	ND	260
Titanium	ug/l	n/a	ND	ND	ND	8	ND	ND	ND	16	ND	ND	ND	35	ND	ND	ND	69	ND	10.3	ND	483
Total Organic Carbon (TOC)	mg/l	n/a	ND	1.02	0.40	8	ND	1.15	0.26	17	ND	1.31	0.33	37	ND	1.09	0.27	55	ND	2.67	0.40	211
Turbidity	NT units	5	ND	0.49	ND	8	ND	0.62	ND	16	ND	1.1	ND	34	ND	0.72	ND	44	ND	2.1	ND	206
Vanadium	ug/l	n/a	ND	ND	ND	8	ND	ND	ND	32	ND	1.2	ND	47	ND	ND	ND	47	ND	5.2	ND	260
Zinc	mg/l	5	ND	ND	ND	8	ND	ND	ND	32	ND	0.03	ND	47	ND	ND	ND	47	ND	0.03	ND	260
<b>Synthetic Organic Compounds including Pesticides and Herbicides</b>																						
Alachlor ESA	ug/l	50	ND	ND	ND	8	ND	ND	ND	20	ND	ND	ND	41	ND	ND	ND	69	ND	ND	ND	262
Aldicarb sulfone	ug/l	2	ND	ND	ND	8	ND	ND	ND	16	ND	ND	ND	36	ND	ND	ND	53	ND	ND	ND	221
Aldicarb sulfoxide	ug/l	4	ND	ND	ND	8	ND	ND	ND	16	ND	ND	ND	36	ND	ND	ND	53	ND	ND	ND	221
1,4-Dioxane	ug/l	50	ND	ND	ND	1	ND	1.6	0.8	25	ND	1.3	0.7	34	ND	1.9	0.6	36	ND	7.0	0.9	55
Metalaxyl	ug/l	50	ND	ND	ND	8	ND	ND	ND	20	ND	ND	ND	41	ND	ND	ND	68	ND	ND	ND	262
Metolachlor	ug/l	50	ND	ND	ND	8	ND	ND	ND	20	ND	ND	ND	41	ND	ND	ND	68	ND	ND	ND	262
Metolachlor ESA	ug/l	50	ND	ND	ND	8	ND	ND	ND	20	ND	ND	ND	41	ND	ND	ND	69	ND	ND	ND	262
Metolachlor OA	ug/l	50	ND	ND	ND	8	ND	ND	ND	20	ND	ND	ND	41	ND	ND	ND	69	ND	ND	ND	262
Tetrachloroterephthalic Acid(TCPA)	ug/l	50	ND	ND	ND	8	ND	ND	ND	23	ND	2.0	ND	60	ND	3.4	ND	75	ND	3.3	ND	270
<b>Volatile Organic Compounds</b>																						
Chlorodifluoromethane	ug/l	5	ND	ND	ND	8	ND	ND	ND	39	ND	ND	ND	73	ND	ND	ND	107	ND	ND	ND	313
Cis-1,2-Dichloroethene	ug/l	5	ND	ND	ND	18	ND	ND	ND	82	ND	ND	ND	136	ND	0.6	ND	223	ND	0.9	ND	635
Dichlorodifluoromethane	ug/l	5	ND	ND	ND	18	ND	ND	ND	82	ND	ND	ND	136	ND	ND	ND	223	ND	ND	ND	635
1,1-Dichloroethane	ug/l	5	ND	ND	ND	18	ND	2.4	0.8	82	ND	2.3	0.7	136	ND	2.3	ND	223	ND	2.8	ND	635
1,1-Dichloroethene	ug/l	5	ND	ND	ND	18	ND	ND	ND	82	ND	0.8	ND	136	ND	0.6	ND	223	ND	1.3	ND	635
1,2-Dichloroethane	ug/l	5	ND	ND	ND	18	ND	ND	ND	82	ND	ND	ND	136	ND	ND	ND	223	ND	ND	ND	635
1,2-Dichloropropane	ug/l	5	ND	ND	ND	18	ND	ND	ND	82	ND	0.5	ND	136	ND	ND	ND	223	ND	ND	ND	635
Methyl-Tert-Butyl Ether (MTBE)	ug/l	10	ND	ND	ND	18	ND	0.7	ND	82	ND	ND	ND	136	ND	0.9	ND	223	ND	3.5	ND	635
Tetrachloroethene	ug/l	5	ND	ND	ND	18	ND	0.5	ND	82	ND	1.2	ND	136	ND	5.3	0.7	223	ND	1.7	ND	635
1,1,1-Trichloroethane	ug/l	5	ND	ND	ND	18	ND	1.1														



# 2010 Annual Water Quality Statement - Distribution Area Data

Suffolk County Water Authority 2010 Annual Water Quality Statement For Calendar Year 2009			Distribution Area 14				Distribution Area 15				Distribution Area 18				Distribution Area 20				Distribution Area 21			
Measurement	Unit of Measurement	MCL	Range of Readings				Range of Readings				Range of Readings				Range of Readings				Range of Readings			
			Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests
<b>Radioactivity</b>																						
Gross Alpha activity	pCi/l	15	ND	ND	ND	2	ND	ND	ND	9	ND	2.00	ND	58	ND	1.63	ND	67	ND	ND	ND	4
Gross Beta activity (Pg 5, footnote 1)	pCi/l	50	ND	ND	ND	2	ND	ND	ND	8	ND	2.10	ND	58	ND	2.60	ND	65	ND	ND	ND	4
Radon (Pg 5, footnote 2)	pCi/l	4000	ND	ND	ND	2	ND	ND	ND	6	ND	ND	ND	4	ND	ND	ND	6	ND	ND	ND	1
Radium-228 (Pg 5, footnote 3)	pCi/l	5	NA	NA	NA	0	ND	1.2	ND	9	ND	1.1	ND	10	NA	NA	NA	0	NA	NA	NA	0
<b>Inorganics</b>																						
Alkalinity, total	mg/l	n/a	ND	31.4	21.6	14	ND	92.0	44.5	166	ND	92.4	40.8	47	ND	62.6	36.2	76	31.2	35.0	33.7	6
Aluminum	mg/l	n/a	ND	0.04	0.02	14	ND	0.22	0.05	196	ND	0.58	0.05	121	ND	0.27	0.04	148	ND	0.05	0.03	6
Ammonia, free	mg/l	n/a	ND	ND	ND	14	ND	0.05	ND	189	ND	ND	ND	63	ND	0.04	ND	101	ND	0.02	ND	8
Antimony	ug/l	6	ND	ND	ND	14	ND	ND	ND	196	ND	0.7	ND	121	ND	ND	ND	148	ND	ND	ND	6
Arsenic	ug/l	10	ND	ND	ND	14	ND	1.0	ND	196	ND	4.4	1.1	121	ND	1.9	ND	148	ND	ND	ND	6
Barium	mg/l	2	ND	ND	ND	14	ND	0.09	ND	196	ND	0.05	ND	121	ND	0.04	ND	148	ND	ND	ND	6
Boron	mg/l	n/a	ND	ND	ND	14	ND	ND	ND	264	ND	ND	ND	52	ND	0.64	ND	197	ND	ND	ND	6
Bromide	mg/l	n/a	ND	ND	ND	14	ND	ND	ND	242	ND	ND	ND	47	ND	ND	ND	89	ND	ND	ND	6
Calcium	mg/l	n/a	3.2	9.1	6.5	14	3.5	48.1	20.9	264	8.9	37.6	16.2	52	0.6	22.8	12.5	197	9.8	11.1	10.4	6
CO2, calculated	mg/l	n/a	1.0	8.1	4.0	14	0.1	33.3	4.3	166	0.2	15.3	3.3	47	0.2	7.1	2.4	76	1.1	3.6	2.4	6
Chloride	mg/l	250	4.1	8.0	5.4	14	3.9	176.3	20.0	242	5.3	37.5	13.0	47	5.2	39.3	11.0	89	6.9	12.2	9.1	6
Chromium, total	ug/l	100	ND	ND	ND	14	ND	3.1	ND	196	ND	ND	ND	121	ND	ND	ND	148	ND	ND	ND	6
Cobalt-59	ug/l	n/a	ND	ND	ND	14	ND	0.6	ND	196	ND	6.3	0.7	121	ND	ND	ND	148	ND	ND	ND	6
Color	Color units	15	ND	ND	ND	14	ND	19	ND	166	ND	51	6	47	ND	11	ND	76	ND	ND	ND	6
Copper	mg/l	AL=1.3	ND	0.03	ND	14	ND	0.13	ND	196	ND	0.05	ND	121	ND	0.29	0.02	148	ND	ND	ND	6
Dissolved solids, total	mg/l	n/a	22	61	37	14	28	392	106	167	46	196	86	46	33	175	68	77	52	64	57	6
Fluoride	mg/l	2.2	ND	ND	ND	14	ND	ND	ND	242	ND	ND	ND	47	ND	0.5	ND	89	ND	ND	ND	6
Hardness, total	mg/l	n/a	10.8	29.8	20.3	14	14.7	153.5	71.2	264	27.3	131.8	54.9	52	3.7	74.0	39.3	197	34.5	38.1	36.8	6
Iron	ug/l	300	ND	31	ND	14	ND	809	38	264	ND	552	49	52	ND	923	261	197	ND	ND	ND	6
Lead	ug/l	AL=15	ND	ND	ND	14	ND	2.8	ND	196	ND	2.6	ND	121	ND	1.1	ND	148	ND	ND	ND	6
Lithium	ug/l	n/a	ND	ND	ND	14	ND	2.8	ND	196	ND	2.9	ND	121	ND	7.6	3.2	148	ND	1.4	1.0	6
Magnesium	mg/l	n/a	0.66	1.78	1.00	14	0.76	11.45	4.60	264	1.27	9.20	3.51	52	0.46	4.54	1.96	197	2.43	2.81	2.61	6
Manganese	ug/l	300	ND	ND	ND	14	ND	198	27	264	ND	79	ND	52	ND	180	17	197	ND	ND	ND	6
Molybdenum	ug/l	n/a	ND	ND	ND	14	ND	ND	ND	196	ND	ND	ND	121	ND	ND	ND	148	ND	ND	ND	6
Nickel	ug/l	100	ND	ND	ND	14	ND	2.8	0.6	196	ND	5.6	0.9	121	ND	6.5	0.5	148	ND	0.6	ND	6
Nitrate	mg/l	10	ND	1.78	0.45	14	ND	8.43	3.51	242	ND	7.71	1.16	47	ND	5.92	0.98	89	ND	ND	ND	6
Perchlorate (Pg 5, footnote 4)	ug/l	15	ND	1.50	0.32	14	ND	4.47	0.97	218	ND	1.21	0.24	59	ND	4.20	1.07	176	ND	0.10	ND	8
Phosphate, total	mg/l	n/a	ND	ND	ND	14	ND	2.56	0.25	264	ND	1.46	ND	52	ND	1.64	0.77	197	ND	0.18	0.11	6
pH	pH units	n/a	6.8	7.7	7.1	14	6.5	8.9	7.4	166	6.7	8.4	7.4	47	7.1	8.6	7.5	76	7.3	7.8	7.5	6
pH, field	pH units	n/a	6.4	7.5	7.1	12	6.0	8.0	7.2	144	6.4	8.0	7.3	37	6.5	8.0	7.3	60	7.0	7.5	7.3	7
Potassium	mg/l	n/a	0.36	0.65	0.44	14	0.39	2.69	1.32	264	0.38	2.84	0.87	52	0.34	5.31	0.82	197	0.55	0.63	0.60	6
Selenium	ug/l	50	ND	ND	ND	14	ND	3.3	ND	196	ND	ND	ND	121	ND	ND	ND	148	ND	ND	ND	6
Silicon	mg/l	n/a	4.1	6.4	4.8	14	4.5	10.8	7.0	196	4.1	14.1	7.9	121	3.1	7.7	5.8	148	7.5	8.5	7.8	6
Sodium (Pg 5, footnote 5)	mg/l	n/a	3.7	6.4	4.7	14	3.4	80.1	14.6	264	4.7	22.1	8.7	52	4.6	58.0	7.2	197	5.3	7.2	6.2	6
Specific conductance	umho/cm	n/a	47	108	71	14	38	772	202	166	92	350	165	47	65	320	129	76	103	124	114	6
Strontium-88	mg/l	n/a	ND	0.02	0.01	14	ND	0.19	0.06	196	0.03	0.12	0.05	121	ND	0.06	0.04	148	0.03	0.04	0.03	6
Sulfate	mg/l	250	ND	2.7	ND	14	ND	30.9	10.6	242	3.6	36.4	12.4	47	ND	31.6	8.7	89	5.4	8.2	6.5	6
Temperature, field	°Centigrade	n/a	9	14	11	9	9	15	12	135	10	14	12	33	10	16	12	58	10	11	10	3
Tin	ug/l	n/a	ND	ND	ND	14	ND	ND	ND	196	ND	ND	ND	121	ND	ND	ND	148	ND	ND	ND	6
Titanium	ug/l	n/a	ND	ND	ND	14	ND	8.4	ND	264	ND	7.0	ND	52	ND	ND	ND	197	ND	ND	ND	6
Total Organic Carbon (TOC)	mg/l	n/a	ND	0.92	ND	14	ND	2.26	0.31	175	ND	1.41	0.32	49	ND	2.05	0.42	77	ND	0.68	0.26	6
Turbidity	NT units	5	ND	0.47	ND	14	ND	2.8	ND	166	ND	5.5	0.62	47	ND	1.1	ND	76	ND	0.63	0.4	6
Vanadium	ug/l	n/a	ND	ND	ND	14	ND	9.2	1.1	196	ND	4.5	1.1	121	ND	ND	ND	148	ND	1.1	ND	6
Zinc	mg/l	5	ND	ND	ND	14	ND	ND	ND	196	ND	0.05	ND	121	ND	0.03	ND	148	ND	ND	ND	6
<b>Synthetic Organic Compounds including Pesticides and Herbicides</b>																						
Alachlor ESA	ug/l	50	ND	ND	ND	18	ND	0.40	ND	236	ND	ND	ND	81	ND	ND	ND	109	ND	ND	ND	8
Aldicarb sulfone	ug/l	2	ND	ND	ND	14	ND	ND	ND	183	ND	ND	ND	60	ND	ND	ND	123	ND	ND	ND	8
Aldicarb sulfoxide	ug/l	4	ND	ND	ND	14	ND	ND	ND	183	ND	ND	ND	60	ND	ND	ND	123	ND	ND	ND	8
1,4-Dioxane	ug/l	50	ND	ND	ND	2	ND	1.2	0.4	28	ND	ND	ND	4	ND	ND	ND	6	ND	ND	ND	1
Metalaxyl	ug/l	50	ND	ND	ND	18	ND	ND	ND	227	ND	ND	ND	66	ND	ND	ND	100	ND	ND	ND	8
Metolachlor	ug/l	50	ND	ND	ND	18	ND	ND	ND	227	ND	ND	ND	66	ND	ND	ND	100	ND	ND	ND	8
Metolachlor ESA	ug/l	50	ND	ND	ND	18	ND	0.49	ND	236	ND	0.21	ND	81	ND	ND	ND	109	ND	ND	ND	8
Metolachlor OA	ug/l	50	ND	ND	ND	18	ND	ND	ND	236	ND	ND	ND	81	ND	ND	ND	109	ND	ND	ND	8
Tetrachloroterephthalic Acid(TCPA)	ug/l	50	ND	ND	ND	14	ND	1.4	ND	237	ND	7.4	1.4	79	ND	ND	ND	99	ND	ND	ND	8
<b>Volatile Organic Compounds</b>																						
Chlorodifluoromethane	ug/l	5	ND	ND	ND	14	ND	ND	ND	253	ND	ND	ND	63	ND	ND	ND	81	ND	ND	ND	11
Cis-1,2-Dichloroethene	ug/l	5	ND	ND	ND	29	ND	0.6	ND	500	ND	ND	ND	117	ND	ND	ND	160	ND	ND	ND	20
Dichlorodifluoromethane	ug/l	5	ND	ND	ND	29	ND	0.9	ND	500	ND	ND	ND	117	ND	ND	ND	160	ND	ND	ND	20
1,1-Dichloroethane	ug/l	5	ND	ND	ND	29	ND	2.0	ND	500	ND	ND	ND	117	ND	ND	ND	160	ND	ND	ND	20
1,1-Dichloroethene	ug/l	5	ND	ND	ND	29	ND	0.6	ND	500	ND	ND	ND	117	ND	ND	ND	160	ND	ND	ND	20
1,2-Dichloroethane	ug/l	5	ND	ND	ND	29	ND	ND	ND	500	ND	ND	ND	117	ND	ND	ND	160	ND	ND	ND	20
1,2-Dichloropropane	ug/l	5	ND	ND	ND	29	ND	3.1	ND	500	ND	0.6	ND	117	ND	ND	ND	160	ND	ND	ND	20
Methyl-Tert-Butyl Ether (MTBE)	ug/l	10	ND	ND	ND	29	ND	2.0	ND	500	ND	ND	ND	117	ND	ND	ND	160	ND	ND	ND	20
Tetrachloroethene	ug/l	5	ND	ND	ND	29	ND	3.4	ND	500	ND	3.4	0.8	117	ND	ND	ND	160	ND	ND	ND	20
1,1,1-Trichloroethane	ug/l	5	ND	ND	ND	29	ND	1.5														



# 2010 Annual Water Quality Statement - Distribution Area Data

Suffolk County Water Authority 2010 Annual Water Quality Statement For Calendar Year 2009			Distribution Area 23				Distribution Area 26				Distribution Area 30				Distribution Area 32				Distribution Area 34			
Measurement	Unit of Measurement	MCL	Range of Readings				Range of Readings				Range of Readings				Range of Readings				Range of Readings			
			Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests
<b>Radioactivity</b>																						
Gross Alpha activity	pCi/l	15	ND	ND	ND	10	ND	ND	ND	4	ND	ND	ND	9	ND	ND	ND	1	ND	ND	ND	1
Gross Beta activity (Pg 5, footnote 1)	pCi/l	50	ND	2.40	ND	10	ND	4.00	2.30	4	ND	4.40	2.40	9	ND	ND	ND	1	ND	ND	ND	1
Radon (Pg 5, footnote 2)	pCi/l	4000	ND	ND	ND	6	ND	266	ND	3	ND	ND	ND	5	ND	ND	ND	1	ND	ND	ND	1
Radium-228 (Pg 5, footnote 3)	pCi/l	5	ND	1.1	ND	4	NA	NA	NA	0	ND	1.0	ND	2	NA	NA	NA	0	NA	NA	NA	0
<b>Inorganics</b>																						
Alkalinity, total	mg/l	n/a	21.2	70.4	42.6	100	21.2	203.6	57.7	41	26.6	203.4	70.8	89	ND	70.6	36.9	6	36.2	44.2	40.9	4
Aluminum	mg/l	n/a	ND	0.18	0.05	111	ND	0.57	0.09	57	ND	0.16	0.05	91	ND	0.10	0.04	6	0.02	0.04	0.03	4
Ammonia, free	mg/l	n/a	ND	0.02	ND	121	ND	0.04	ND	53	ND	0.03	ND	130	ND	ND	ND	6	ND	ND	ND	4
Antimony	ug/l	6	ND	ND	ND	111	ND	ND	ND	57	ND	ND	ND	91	ND	ND	ND	6	ND	ND	ND	4
Arsenic	ug/l	10	ND	1.2	ND	111	ND	3.1	ND	57	ND	ND	ND	91	ND	ND	ND	6	ND	ND	ND	4
Barium	mg/l	2	ND	0.07	0.02	111	ND	0.10	0.06	57	ND	0.07	0.03	91	ND	0.02	ND	6	ND	ND	ND	4
Boron	mg/l	n/a	ND	ND	ND	238	ND	ND	ND	186	ND	ND	ND	116	ND	ND	ND	6	ND	ND	ND	15
Bromide	mg/l	n/a	ND	ND	ND	122	ND	ND	ND	43	ND	0.19	ND	105	ND	ND	ND	6	ND	ND	ND	4
Calcium	mg/l	n/a	3.6	45.6	19.0	238	6.4	73.7	18.4	186	7.9	53.9	30.3	116	7.8	22.2	13.4	6	11.1	19.5	16.2	15
CO2, calculated	mg/l	n/a	0.1	16.1	3.4	100	0.2	67.2	13.1	41	0.3	25.9	6.9	89	1.8	13.2	6.5	6	0.4	4.8	3.2	4
Chloride	mg/l	250	9.2	50.2	23.2	122	21.0	74.1	43.4	43	8.8	127.4	32.8	105	20.4	62.3	50.7	6	13.6	14.4	14.1	4
Chromium, total	ug/l	100	ND	ND	ND	111	ND	2.2	ND	57	ND	2.1	ND	91	ND	ND	ND	6	ND	ND	ND	4
Cobalt-59	ug/l	n/a	ND	3.1	0.6	111	ND	3.7	1.2	57	ND	1.2	ND	91	ND	ND	ND	6	ND	ND	ND	4
Color	Color units	15	ND	14	ND	100	ND	15	ND	41	ND	13	ND	89	ND	ND	ND	6	ND	6	ND	4
Copper	mg/l	AL=1.3	ND	0.17	ND	111	ND	0.60	0.05	57	ND	0.24	0.03	91	ND	0.02	ND	6	ND	ND	ND	4
Dissolved solids, total	mg/l	n/a	40	251	114	102	77	269	145	38	46	336	191	89	112	149	134	6	88	103	96	4
Fluoride	mg/l	2.2	ND	ND	ND	122	ND	ND	ND	43	ND	ND	ND	105	ND	ND	ND	6	ND	ND	ND	4
Hardness, total	mg/l	n/a	13.8	150.7	64.0	238	26.6	232.6	68.7	186	25.7	168.6	104.6	116	29.1	68.1	43.8	6	43.7	65.6	57.0	15
Iron	ug/l	300	ND	858	131	238	ND	1194	117	186	ND	178	37	116	ND	46	ND	6	66	216	112	15
Lead	ug/l	AL=15	ND	3.0	ND	111	ND	1.4	ND	57	ND	3.1	ND	91	ND	1.0	ND	6	ND	ND	ND	4
Lithium	ug/l	n/a	ND	5.3	1.2	111	ND	2.1	1.1	57	ND	2.3	ND	91	ND	ND	ND	6	1.9	2.3	2.1	4
Magnesium	mg/l	n/a	1.14	11.59	4.05	238	2.48	11.80	5.52	186	1.48	13.89	7.03	116	2.29	3.04	2.53	6	3.73	4.29	4.02	15
Manganese	ug/l	300	ND	271	23	238	ND	271	27	186	ND	99	12	116	ND	ND	ND	6	13	38	27	15
Molybdenum	ug/l	n/a	ND	ND	ND	111	ND	1.4	ND	57	ND	ND	ND	91	ND	ND	ND	6	ND	ND	ND	4
Nickel	ug/l	100	ND	4.3	0.9	111	ND	3.9	1.5	57	ND	3.6	0.8	91	ND	0.6	ND	6	ND	0.5	ND	4
Nitrate	mg/l	10	ND	8.33	2.82	122	ND	4.47	1.33	43	ND	9.00	4.25	105	0.45	0.97	0.61	6	ND	0.21	ND	4
Perchlorate (Pg 5, footnote 4)	ug/l	15	ND	1.16	0.27	111	ND	0.49	0.12	39	ND	4.06	2.15	282	0.12	0.15	0.13	6	ND	0.11	ND	4
Phosphate, total	mg/l	n/a	ND	3.84	0.32	238	ND	2.68	0.93	186	ND	0.42	ND	116	ND	ND	ND	6	ND	0.13	ND	15
pH	pH units	n/a	6.7	8.9	7.5	100	6.0	8.5	7.3	42	6.6	8.6	7.4	89	6.6	7.5	7.1	6	7.2	8.4	7.5	4
pH, field	pH units	n/a	6.3	8.1	7.3	84	5.5	7.7	7.0	38	6.5	7.6	7.2	73	7.0	7.5	7.3	5	7.0	7.0	7.0	4
Potassium	mg/l	n/a	0.42	3.14	1.15	238	0.96	3.30	1.53	186	0.57	6.11	2.43	116	0.64	0.81	0.77	6	0.67	0.79	0.72	15
Selenium	ug/l	50	ND	ND	ND	111	ND	ND	ND	57	ND	ND	ND	91	ND	ND	ND	6	ND	ND	ND	4
Silicon	mg/l	n/a	4.9	10.4	7.4	111	7.3	11.2	9.3	57	4.1	8.9	6.6	91	3.9	5.5	4.5	6	8.6	9.6	9.1	4
Sodium (Pg 5, footnote 5)	mg/l	n/a	6.2	25.6	12.7	238	14.2	46.6	24.1	186	6.5	84.3	28.0	116	13.2	38.5	31.0	6	9.5	10.7	9.9	15
Specific conductance	umho/cm	n/a	91	442	218	100	156	608	297	41	93	628	351	89	220	289	270	6	172	197	182	4
Strontium-88	mg/l	n/a	0.02	0.16	0.06	111	0.03	0.20	0.10	57	0.02	0.16	0.10	91	0.04	0.06	0.05	6	0.06	0.06	0.06	4
Sulfate	mg/l	250	2.7	62.8	20.0	122	7.6	20.9	12.6	43	3.9	79.3	36.3	105	6.1	9.5	8.1	6	21.9	26.4	24.3	4
Temperature, field	°Centigrade	n/a	11	14	12	76	8	14	13	35	8	17	12	59	11	12	12	3	12	12	12	2
Tin	ug/l	n/a	ND	ND	ND	111	ND	ND	ND	57	ND	ND	ND	91	ND	ND	ND	6	ND	ND	ND	4
Titanium	ug/l	n/a	ND	ND	ND	238	ND	11.7	ND	186	ND	6.5	ND	116	ND	ND	ND	6	ND	ND	ND	15
Total Organic Carbon (TOC)	mg/l	n/a	ND	2.16	0.39	106	ND	2.14	0.49	43	ND	1.67	0.51	96	ND	0.45	0.32	6	ND	0.38	0.26	4
Turbidity	NT units	5	ND	1.5	ND	100	ND	1.9	0.54	41	ND	1.6	ND	89	ND	0.72	ND	6	ND	0.49	ND	4
Vanadium	ug/l	n/a	ND	2.8	ND	111	ND	1.8	ND	57	ND	ND	ND	91	ND	ND	ND	6	7.2	8.1	7.7	4
Zinc	mg/l	5	ND	0.05	ND	111	ND	0.03	ND	57	ND	0.04	ND	91	ND	ND	ND	6	ND	ND	ND	4
<b>Synthetic Organic Compounds including Pesticides and Herbicides</b>																						
Alachlor ESA	ug/l	50	ND	ND	ND	175	ND	ND	ND	48	ND	0.37	ND	224	ND	ND	ND	8	ND	ND	ND	6
Aldicarb sulfone	ug/l	2	ND	1.5	ND	128	ND	ND	ND	39	ND	0.9	ND	182	ND	ND	ND	6	ND	ND	ND	4
Aldicarb sulfoxide	ug/l	4	ND	2.1	ND	128	ND	ND	ND	39	ND	1.3	ND	182	ND	ND	ND	6	ND	ND	ND	4
1,4-Dioxane	ug/l	50	ND	ND	ND	7	ND	ND	ND	3	ND	ND	ND	5	ND	ND	ND	1	ND	ND	ND	1
Metalaxyl	ug/l	50	ND	ND	ND	152	ND	ND	ND	49	ND	2.2	ND	221	ND	ND	ND	8	ND	ND	ND	6
Metolachlor	ug/l	50	ND	0.2	ND	152	ND	ND	ND	49	ND	0.9	ND	221	ND	ND	ND	8	ND	ND	ND	6
Metolachlor ESA	ug/l	50	ND	1.52	0.30	175	ND	ND	ND	48	ND	4.49	0.48	224	ND	ND	ND	8	ND	ND	ND	6
Metolachlor OA	ug/l	50	ND	0.74	ND	175	ND	ND	ND	48	ND	4.51	0.41	224	ND	ND	ND	8	ND	ND	ND	6
Tetrachloroterephthalic Acid(TCPA)	ug/l	50	ND	3.9	ND	137	ND	ND	ND	39	ND	9.5	1.1	205	ND	ND	ND	6	ND	ND	ND	6
<b>Volatile Organic Compounds</b>																						
Chlorodifluoromethane	ug/l	5	ND	ND	ND	133	ND	1.4	ND	56	ND	ND	ND	126	ND	ND	ND	11	ND	ND	ND	5
Cis-1,2-Dichloroethene	ug/l	5	ND	ND	ND	256	ND	0.8	ND	105	ND	ND	ND	230	ND	ND	ND	21	ND	ND	ND	10
Dichlorodifluoromethane	ug/l	5	ND	ND	ND	256	ND	0.8	ND	105	ND	ND	ND	230	ND	ND	ND	21	ND	ND	ND	10
1,1-Dichloroethane	ug/l	5	ND	ND	ND	256	ND	ND	ND	105	ND	ND	ND	230	ND	ND	ND	21	ND	ND	ND	10
1,1-Dichloroethene	ug/l	5	ND	ND	ND	256	ND	ND	ND	105	ND	ND	ND	230	ND	ND	ND	21	ND	ND	ND	10
1,2-Dichloroethane	ug/l	5	ND	ND	ND	256	ND	ND	ND	105	ND	ND	ND	230	ND	ND	ND	21	ND	ND	ND	10
1,2-Dichloropropane	ug/l	5	ND	ND	ND	256	ND	ND	ND	105	ND	ND	ND	230	ND	ND	ND	21	ND	ND	ND	10
Methyl-Tert-Butyl Ether (MTBE)	ug/l	10	ND	0.9	ND	256	ND	1.2	ND	105	ND	5.0	ND	230	ND	ND	ND	21	ND	ND	ND	10
Tetrachloroethene	ug/l	5	ND	ND	ND	256	ND	1.6	ND	105	ND	ND	ND	230	ND	ND	ND	21	ND	ND	ND	10



# 2010 Annual Water Quality Statement - Distribution Area Data

Suffolk County Water Authority 2010 Annual Water Quality Statement For Calendar Year 2009			Distribution Area 35				Distribution Area 39				Distribution Area 44				Distribution Area 53				Distribution Area 54			
Measurement	Unit of Measurement	MCL	Range of Readings				Range of Readings				Range of Readings				Range of Readings				Range of Readings			
			Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests
<b>Radioactivity</b>																						
Gross Alpha activity	pCi/l	15	3.83	3.83	3.83	1	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	4	ND	2.05	ND	5
Gross Beta activity (Pg 5, footnote 1)	pCi/l	50	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1	ND	2.80	2.20	4	ND	2.30	ND	5
Radon (Pg 5, footnote 2)	pCi/l	4000	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	4	ND	ND	ND	5
Radium-228 (Pg 5, footnote 3)	pCi/l	5	NA	NA	NA	0	NA	NA	NA	0	NA	NA	NA	0	NA	NA	NA	0	NA	NA	NA	0
<b>Inorganics</b>																						
Alkalinity, total	mg/l	n/a	72.4	110.2	87.4	6	25.4	32.6	28.0	4	29.8	48.6	34.6	6	ND	51.0	32.5	22	20.0	44.6	32.0	32
Aluminum	mg/l	n/a	ND	0.02	ND	6	ND	0.02	ND	4	0.02	0.03	0.03	6	ND	0.84	0.22	78	0.02	0.85	0.33	74
Ammonia, free	mg/l	n/a	ND	ND	ND	6	ND	ND	ND	4	ND	ND	ND	6	ND	ND	ND	24	ND	ND	ND	31
Antimony	ug/l	6	ND	ND	ND	6	ND	ND	ND	4	ND	ND	ND	6	ND	ND	ND	78	ND	ND	ND	74
Arsenic	ug/l	10	ND	ND	ND	6	ND	ND	ND	4	ND	ND	ND	6	ND	ND	ND	78	ND	ND	ND	74
Barium	mg/l	2	ND	0.03	0.02	6	ND	ND	ND	4	ND	ND	ND	6	ND	ND	ND	78	ND	ND	ND	74
Boron	mg/l	n/a	ND	ND	ND	10	ND	ND	ND	4	ND	ND	ND	6	ND	0.10	ND	37	ND	0.13	0.10	33
Bromide	mg/l	n/a	ND <sup>1</sup>	0.12 <sup>1</sup>	ND	93	ND	ND	ND	4	ND	ND	ND	6	ND	ND	ND	23	ND	ND	ND	28
Calcium	mg/l	n/a	34.7	41.1	37.5	10	8.1	9.0	8.6	4	9.9	11.1	10.3	6	ND	3.4	0.6	37	ND	1.8	0.6	33
CO <sub>2</sub> , calculated	mg/l	n/a	0.5	13.3	6.3	6	1.1	1.9	1.5	4	0.2	9.5	2.2	6	3.2	14.3	6.9	22	0.4	8.5	3.5	32
Chloride	mg/l	250	ND <sup>1</sup>	19.3 <sup>1</sup>	4.7	93	6.9	7.7	7.5	4	12.3	17.8	13.5	6	4.1	8.2	4.9	23	3.8	5.5	4.4	28
Chromium, total	ug/l	100	ND	ND	ND	6	ND	ND	ND	4	ND	ND	ND	6	ND	ND	ND	78	ND	ND	ND	74
Cobalt-59	ug/l	n/a	ND	ND	ND	6	ND	ND	ND	4	ND	ND	ND	6	ND	ND	ND	78	ND	ND	ND	74
Color	Color units	15	ND	10	ND	6	ND	ND	ND	4	ND	ND	ND	6	5	26	16	22	5	46	20	32
Copper	mg/l	AL=1.3	ND	0.04	0.03	6	ND	ND	ND	4	ND	0.10	0.02	6	ND	0.21	ND	78	ND	0.03	ND	74
Dissolved solids, total	mg/l	n/a	297	367	325	6	48	53	50	4	62	76	69	6	37	88	53	23	34	101	49	29
Fluoride	mg/l	2.2	ND <sup>1</sup>	ND <sup>1</sup>	ND	93	ND	ND	ND	4	ND	ND	ND	6	ND	ND	ND	23	ND	0.2	ND	28
Hardness, total	mg/l	n/a	138.3	172.2	149.9	10	27.2	29.9	28.8	4	34.2	37.4	35.6	6	ND	9.0	2.2	37	ND	5.2	ND	33
Iron	ug/l	300	ND	ND	ND	10	ND	ND	ND	4	ND	39	ND	6	140	788	438	37	33	230	117	33
Lead	ug/l	AL=15	ND	ND	ND	6	ND	ND	ND	4	ND	ND	ND	6	ND	2.9	ND	78	ND	1.3	ND	74
Lithium	ug/l	n/a	ND	1.1	ND	6	ND	ND	ND	4	ND	ND	ND	6	3.8	9.7	5.9	78	2.0	4.7	3.3	74
Magnesium	mg/l	n/a	12.29	16.90	13.67	10	1.68	1.82	1.78	4	2.25	2.89	2.41	6	ND	0.44	0.20	37	ND	0.16	ND	33
Manganese	ug/l	300	ND	34	ND	10	ND	ND	ND	4	ND	ND	ND	6	ND	ND	ND	37	ND	ND	ND	33
Molybdenum	ug/l	n/a	ND	ND	ND	6	ND	ND	ND	4	ND	ND	ND	6	ND	ND	ND	78	ND	ND	ND	74
Nickel	ug/l	100	0.7	1.2	0.9	6	ND	ND	ND	4	ND	ND	ND	6	ND	4.4	ND	78	ND	4.0	ND	74
Nitrate	mg/l	10	0.28 <sup>1</sup>	7.89 <sup>1</sup>	3.95	93	ND	ND	ND	4	0.28	0.66	0.36	6	ND	ND	ND	23	ND	ND	ND	28
Perchlorate (Pg 5, footnote 4)	ug/l	15	ND <sup>1</sup>	0.75 <sup>1</sup>	0.12	92	ND	ND	ND	4	ND	0.12	ND	7	ND	ND	ND	20	ND	ND	ND	27
Phosphate, total	mg/l	n/a	ND	ND	ND	10	ND	ND	ND	4	ND	ND	ND	6	ND	3.83	0.94	37	0.31	1.20	0.58	33
pH	pH units	n/a	7.0	8.7	7.6	6	7.5	7.8	7.6	4	6.8	8.6	8.0	6	6.4	7.5	7.0	22	6.8	8.3	7.3	32
pH, field	pH units	n/a	6.8	7.5	7.2	6	7.0	7.7	7.4	4	6.5	7.8	7.2	6	6.1	7.1	6.7	13	6.5	8.0	7.1	22
Potassium	mg/l	n/a	1.68	2.03	1.88	10	0.50	0.57	0.52	4	0.59	0.75	0.63	6	1.84	4.91	3.74	37	0.93	1.65	1.28	33
Selenium	ug/l	50	ND	ND	ND	6	ND	ND	ND	4	ND	ND	ND	6	ND	ND	ND	78	ND	ND	ND	74
Silicon	mg/l	n/a	6.6	8.1	7.3	6	5.2	5.6	5.4	4	5.9	6.9	6.2	6	4.2	6.0	4.7	78	4.0	5.2	4.6	74
Sodium (Pg 5, footnote 5)	mg/l	n/a	39.0	58.6	46.4	10	6.0	6.4	6.2	4	8.7	11.6	9.3	6	10.1	25.0	18.5	37	12.5	35.1	16.9	33
Specific conductance	umho/cm	n/a	500	608	553	6	93	101	97	4	120	148	129	6	66	127	94	22	69	165	87	32
Strontium-88	mg/l	n/a	0.15	0.18	0.16	6	0.03	0.03	0.03	4	0.03	0.04	0.03	6	ND	ND	ND	78	ND	ND	ND	74
Sulfate	mg/l	250	ND <sup>1</sup>	34.1 <sup>1</sup>	2.7	93	6.5	7.3	7.0	4	7.3	9.6	8.0	6	3.7	5.1	4.4	23	3.1	4.1	3.6	28
Temperature, field	°Centigrade	n/a	12	12	12	3	11	11	11	2	12	14	13	4	13	15	15	9	7	18	14	20
Tin	ug/l	n/a	ND	ND	ND	6	ND	ND	ND	4	ND	ND	ND	6	ND	ND	ND	78	ND	ND	ND	74
Titanium	ug/l	n/a	ND	ND	ND	10	ND	ND	ND	4	ND	ND	ND	6	ND	19.0	ND	37	ND	25.5	6.5	33
Total Organic Carbon (TOC)	mg/l	n/a	ND	0.39	ND	6	0.26	0.70	0.39	4	ND	1.02	0.48	6	ND	2.51	0.56	23	ND	1.37	0.72	29
Turbidity	NT units	5	ND	0.95	0.47	6	ND	ND	ND	4	ND	ND	ND	6	ND	3.2	1.7	22	0.46	6.6	2.1	32
Vanadium	ug/l	n/a	ND	ND	ND	6	ND	ND	ND	4	ND	ND	ND	6	ND	1.1	ND	78	ND	1.3	ND	74
Zinc	mg/l	5	0.03	0.20	0.08	6	ND	ND	ND	4	ND	ND	ND	6	ND	0.15	ND	78	ND	ND	ND	74
<b>Synthetic Organic Compounds including Pesticides and Herbicides</b>																						
Alachlor ESA	ug/l	50	ND	ND	ND	26	ND	ND	ND	6	ND	ND	ND	6	ND	ND	ND	26	ND	ND	ND	28
Aldicarb sulfone	ug/l	2	ND	ND	ND	8	ND	ND	ND	4	ND	ND	ND	6	ND	ND	ND	20	ND	ND	ND	27
Aldicarb sulfoxide	ug/l	4	ND	ND	ND	8	ND	ND	ND	4	ND	ND	ND	6	ND	ND	ND	20	ND	ND	ND	27
1,4-Dioxane	ug/l	50	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	4	ND	ND	ND	4
Metalaxyl	ug/l	50	ND	ND	ND	27	ND	ND	ND	6	ND	ND	ND	6	ND	ND	ND	28	ND	ND	ND	27
Metolachlor	ug/l	50	ND	ND	ND	27	ND	ND	ND	6	ND	ND	ND	6	ND	ND	ND	28	ND	ND	ND	27
Metolachlor ESA	ug/l	50	ND	0.57	ND	26	ND	ND	ND	6	ND	ND	ND	6	ND	ND	ND	26	ND	ND	ND	28
Metolachlor OA	ug/l	50	ND	0.55	ND	26	ND	ND	ND	6	ND	ND	ND	6	ND	ND	ND	26	ND	ND	ND	28
Tetrachloroterephthalic Acid(TCPA)	ug/l	50	ND	5.8	1.3	30	ND	ND	ND	4	ND	ND	ND	6	ND	ND	ND	20	ND	ND	ND	21
<b>Volatile Organic Compounds</b>																						
Chlorodifluoromethane	ug/l	5	ND	ND	ND	15	ND	ND	ND	5	ND	ND	ND	7	ND	ND	ND	20	ND	ND	ND	21
Cis-1,2-Dichloroethene	ug/l	5	ND	ND	ND	29	ND	ND	ND	10	ND	ND	ND	14	ND	ND	ND	41	ND	ND	ND	46
Dichlorodifluoromethane	ug/l	5	ND	ND	ND	29	ND	ND	ND	10	ND	ND	ND	14	ND	ND	ND	41	ND	ND	ND	46
1,1-Dichloroethane	ug/l	5	ND	ND	ND	29	ND	ND	ND	10	ND	ND	ND	14	ND	ND	ND	41	ND	ND	ND	46
1,1-Dichloroethene	ug/l	5	ND	ND	ND	29	ND	ND	ND	10	ND	ND	ND	14	ND	ND	ND	41	ND	ND	ND	46
1,2-Dichloroethane	ug/l	5	ND	ND	ND																	



# 2010 Annual Water Quality Statement - Distribution Area Data

Suffolk County Water Authority 2010 Annual Water Quality Statement For Calendar Year 2009			Distribution Area 55				Distribution Area RSWD				Distribution Area SBWD			
Unit of Measurement	MCL	Range of Readings				Range of Readings				Range of Readings				
		Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests	Low Value	High Value	Avg. Value	No. of Tests	
<b>Radioactivity</b>														
Gross Alpha activity	pCi/l	15	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	2
Gross Beta activity (Pg 5, footnote 1)	pCi/l	50	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	2
Radon (Pg 5, footnote 2)	pCi/l	4000	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	2
Radium-228 (Pg 5, footnote 3)	pCi/l	5	NA	NA	NA	0	NA	NA	NA	0	NA	NA	NA	0
<b>Inorganics</b>														
Alkalinity, total	mg/l	n/a	23.4	42.8	31.6	7	25.6	34.6	31.7	4	23.8	34.4	28.4	4
Aluminum	mg/l	n/a	0.05	0.55	0.29	19	ND	ND	ND	4	0.02	0.08	0.04	4
Ammonia, free	mg/l	n/a	ND	0.03	ND	9	ND	ND	ND	4	ND	ND	ND	4
Antimony	ug/l	6	ND	ND	ND	19	ND	ND	ND	4	ND	ND	ND	4
Arsenic	ug/l	10	ND	ND	ND	19	ND	ND	ND	4	ND	ND	ND	4
Barium	mg/l	2	ND	ND	ND	19	ND	ND	ND	4	ND	ND	ND	4
Boron	mg/l	n/a	ND	ND	ND	9	ND	ND	ND	4	ND	ND	ND	4
Bromide	mg/l	n/a	ND	ND	ND	7	ND	ND	ND	4	ND	ND	ND	4
Calcium	mg/l	n/a	ND	0.9	0.5	9	8.4	10.8	9.5	4	9.1	12.4	10.3	4
CO2, calculated	mg/l	n/a	0.2	4.0	2.2	7	1.0	2.9	1.8	4	1.4	4.4	2.7	4
Chloride	mg/l	250	3.9	5.5	4.6	7	7.4	12.0	8.7	4	6.7	9.2	7.8	4
Chromium, total	ug/l	100	ND	ND	ND	19	ND	ND	ND	4	ND	ND	ND	4
Cobalt-59	ug/l	n/a	ND	ND	ND	19	ND	ND	ND	4	ND	ND	ND	4
Color	Color units	15	7	14	11	7	ND	ND	ND	4	ND	ND	ND	4
Copper	mg/l	AL=1.3	ND	ND	ND	19	ND	ND	ND	4	ND	0.03	ND	4
Dissolved solids, total	mg/l	n/a	37	61	48	7	47	63	54	4	42	62	51	4
Fluoride	mg/l	2.2	ND	ND	ND	7	ND	ND	ND	4	ND	ND	ND	4
Hardness, total	mg/l	n/a	ND	2.4	ND	9	28.4	37.6	32.9	4	27.4	38.3	31.4	4
Iron	ug/l	300	80	370	136	9	ND	156	72	4	ND	164	52	4
Lead	ug/l	AL=15	ND	2.7	ND	19	ND	ND	ND	4	ND	ND	ND	4
Lithium	ug/l	n/a	3.0	4.5	3.9	19	ND	1.2	ND	4	ND	ND	ND	4
Magnesium	mg/l	n/a	ND	ND	ND	9	1.82	2.70	2.25	4	1.15	1.79	1.41	4
Manganese	ug/l	300	ND	ND	ND	9	ND	ND	ND	4	ND	ND	ND	4
Molybdenum	ug/l	n/a	ND	ND	ND	19	ND	ND	ND	4	ND	ND	ND	4
Nickel	ug/l	100	ND	ND	ND	19	ND	ND	ND	4	ND	ND	ND	4
Nitrate	mg/l	10	ND	ND	ND	7	ND	ND	ND	4	1.19	1.87	1.41	4
Perchlorate (Pg 5, footnote 4)	ug/l	15	ND	ND	ND	7	ND	0.10	ND	4	ND	0.22	0.13	4
Phosphate, total	mg/l	n/a	0.19	0.25	0.22	9	ND	ND	ND	4	ND	ND	ND	4
pH	pH units	n/a	7.1	8.7	7.6	7	7.4	7.8	7.6	4	7.1	7.5	7.3	4
pH, field	pH units	n/a	6.5	7.7	7.2	7	7.2	7.6	7.3	3	7.0	7.4	7.1	4
Potassium	mg/l	n/a	1.05	1.65	1.24	9	0.53	0.69	0.61	4	0.44	0.53	0.50	4
Selenium	ug/l	50	ND	ND	ND	19	ND	ND	ND	4	ND	ND	ND	4
Silicon	mg/l	n/a	4.7	5.6	5.1	19	5.4	7.5	6.5	4	5.3	6.0	5.5	4
Sodium (Pg 5, footnote 5)	mg/l	n/a	11.9	21.4	17.1	9	5.9	7.3	6.4	4	4.7	6.3	5.6	4
Specific conductance	umho/cm	n/a	75	107	89	7	95	134	115	4	88	97	91	4
Strontium-88	mg/l	n/a	ND	ND	ND	19	0.03	0.04	0.03	4	0.02	0.03	0.02	4
Sulfate	mg/l	250	3.6	6.2	4.8	7	5.8	7.5	6.5	4	ND	5.2	ND	4
Temperature, field	°Centigrade	n/a	11	15	14	5	NA	NA	NA	0	NA	NA	NA	0
Tin	ug/l	n/a	ND	ND	ND	19	ND	ND	ND	4	ND	ND	ND	4
Titanium	ug/l	n/a	ND	6.3	ND	9	ND	ND	ND	4	ND	ND	ND	4
Total Organic Carbon (TOC)	mg/l	n/a	ND	0.66	0.38	8	ND	0.65	0.26	4	0.27	1.17	0.51	4
Turbidity	NT units	5	0.66	1.6	1.2	7	ND	0.44	ND	4	ND	0.65	ND	4
Vanadium	ug/l	n/a	ND	ND	ND	19	ND	ND	ND	4	ND	ND	ND	4
Zinc	mg/l	5	ND	ND	ND	19	ND	ND	ND	4	ND	ND	ND	4
<b>Synthetic Organic Compounds including Pesticides and Herbicides</b>														
Alachlor ESA	ug/l	50	ND	ND	ND	7	ND	ND	ND	4	ND	ND	ND	4
Aldicarb sulfone	ug/l	2	ND	ND	ND	7	ND	ND	ND	4	ND	ND	ND	4
Aldicarb sulfoxide	ug/l	4	ND	ND	ND	7	ND	ND	ND	4	ND	ND	ND	4
1,4-Dioxane	ug/l	50	ND	ND	ND	1	ND	ND	ND	3	ND	ND	ND	3
Metalaxyl	ug/l	50	ND	ND	ND	7	ND	ND	ND	4	ND	ND	ND	4
Metolachlor	ug/l	50	ND	ND	ND	7	ND	ND	ND	4	ND	ND	ND	4
Metolachlor ESA	ug/l	50	ND	ND	ND	7	ND	ND	ND	4	ND	ND	ND	4
Metolachlor OA	ug/l	50	ND	ND	ND	7	ND	ND	ND	4	ND	ND	ND	4
Tetrachloroterephthalic Acid(TCPA)	ug/l	50	ND	ND	ND	7	ND	ND	ND	4	ND	ND	ND	4
<b>Volatile Organic Compounds</b>														
Chlorodifluoromethane	ug/l	5	ND	ND	ND	10	ND	ND	ND	4	ND	ND	ND	6
Cis-1,2-Dichloroethene	ug/l	5	ND	ND	ND	19	ND	ND	ND	9	ND	ND	ND	11
Dichlorodifluoromethane	ug/l	5	ND	ND	ND	19	ND	ND	ND	9	ND	ND	ND	11
1,1-Dichloroethane	ug/l	5	ND	ND	ND	19	ND	ND	ND	9	ND	ND	ND	11
1,1-Dichloroethene	ug/l	5	ND	ND	ND	19	ND	ND	ND	9	ND	ND	ND	11
1,2-Dichloroethane	ug/l	5	ND	ND	ND	19	ND	ND	ND	9	ND	ND	ND	11
1,2-Dichloropropane	ug/l	5	ND	ND	ND	19	ND	ND	ND	9	ND	ND	ND	11
Methyl-Tert-Butyl Ether (MTBE)	ug/l	10	ND	ND	ND	19	ND	ND	ND	9	ND	ND	ND	11
Tetrachloroethene	ug/l	5	ND	ND	ND	19	ND	ND	ND	9	ND	ND	ND	11
1,1,1-Trichloroethane	ug/l	5	ND	ND	ND	19	ND	ND	ND	9	ND	ND	ND	11
Trichloroethene	ug/l	5	ND	ND	ND	19	ND	ND	ND	9	ND	ND	ND	11
Trichlorofluoromethane	ug/l	5	ND	ND	ND	19	ND	ND	ND	9	ND	ND	ND	11
1,2,3-Trichloropropane	ug/l	5	ND	ND	ND	19	ND	ND	ND	9	ND	ND	ND	11
1,1,2-Trichlorotrifluoroethane	ug/l	5	ND	ND	ND	19	ND	ND	ND	9	ND	ND	ND	11
<b>Disinfectant and Disinfection By-Products (**MCL is the sum of the four starred compounds shown below)</b>														
Bromochloroacetic Acid	ug/l	n/a	ND	ND	ND	4	ND	1.2	ND	5	ND	1.4	ND	8
Bromodichloroacetic Acid	ug/l	n/a	ND	ND	ND	4	ND	ND	ND	5	ND	ND	ND	8
Bromodichloromethane	ug/l	**80	ND	ND	ND	13	NA	NA	NA	0	NA	NA	NA	0
Bromoform	ug/l	**80	ND	ND	ND	13	NA	NA	NA	0	NA	NA	NA	0
Chlorate	mg/l	n/a	0.11	0.78	0.28	7	ND	0.10	ND	4	ND	ND	ND	4
Chlorine residual (Pg 5, footnote 6)	mg/l	4	0.4	1.5	0.8	49	0.2	1.4	0.6	54	0.3	2.1	0.8	104
Chloroform	ug/l	**80	ND	ND	ND	13	NA	NA	NA	0	NA	NA	NA	0
Dibromochloromethane	ug/l	**80	ND	ND	ND	13	NA	NA	NA	0	NA	NA	NA	0
Haloacetic Acids, total (5)	ug/l	60	ND	3.8	1.5	4	ND	2.6	0.7	5	ND	3.6	0.6	8
N-Nitroso-di-n-butylamine (NDBA)	ug/l	50	ND	ND	ND	3	ND	ND	ND	3	ND	ND	ND	4
N-Nitroso-dimethylamine (NDMA)	ug/l	50	ND	ND	ND	3	ND	ND	ND	3	ND	ND	ND	4
Trihalomethanes, total	ug/l	80	ND	0.7	ND	6	0.7	7.2	2.3	9	ND	3.9	0.7	11

## OTHER COMPOUNDS TESTED (With Negative Results)

The following items were not detected in our distribution system during 2009.

1,1,1,2-Tetrachloroethane	4-Chlorotoluene	Chlordane, Total	Flufenacet ESA	Pentachlorophenol
1,1,2,2-Tetrachloroethane	4-Isopropyltoluene	Chlorobenzene	Flufenacet OA	Phenanthrene
1,1,2-Trichloroethane	4-Methyl-2-Pentanone	Chlorodibromoacetic Acid	Fluorene	Picloram
1,1-Dichloropropene	4-Nitrophenol	Chloroethane	Glyphosate	Potassium-40
1,2,3-Trichlorobenzene	Acetochlor	Chloromethane	Heptachlor Epoxide	Propachlor
1,2,4-Trichlorobenzene	Acetochlor ESA	Chrysene	Heptachlor	Propachlor ESA
1,2,4-Trimethylbenzene	Acetochlor OA	Cis-1,3-Dichloropropene	Hexachlorobenzene	Propachlor OA
1,2-Dibromo-3-Chloropropane	Acifluorfen	Cobalt-60	Hexachlorobutadiene	Propoxur
1,2-Dibromoethane (EDB)	Alachlor	Cyanide	Hexachlorocyclopentadiene	Propylene Glycol
1,2-Dichlorobenzene	Alachlor OA	Dalapon	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	Sec-Butylbenzene
1,3,5-Trimethylbenzene	Aldicarb	DCPA (Dacthal)	Isophorone	Silver
1,3-Dichlorobenzene	Aldrin	Di(2-Ethylhexyl) adipate	Isopropylbenzene	Silver-110
1,3-Dichloropropane	Americium-241	Di(2-Ethylhexyl) phthalate	Lead-210	Silvex (2,4,5-TP)
1,3-Dinitrobenzene	AMPA	Dibromomethane	Lead-212	Simazine
1,4-Dichlorobenzene	Anthracene	Dicamba	Malathion	Sodium-22
1-Naphthol	Asbestos	Dichlorprop	Manganese-54	Standard Plate Count
2,2',4,4'-Tetrabromodiphenyl ether (BDE-47)	Atrazine	Dieldrin	Mercury	Styrene
2,2',4,4',5'-Hexabromobiphenyl (HBB)	Bentazon	Diethylphthalate	Methiocarb	Surfactants, anionic
2,2',4,4',5'-Pentabromodiphenyl ether (BDE-99)	Benz[a]Anthracene	Di-Isopropyl Ether	Methomyl	Terbacil
2,2',4,4',5,5'-Hexabromodiphenyl ether (BDE-153)	Benzene	Dimethenamid ESA	Methoxychlor	Terbufos Sulfone
2,2',4,4',6-Pentabromodiphenyl ether (BDE-100)	Benzo[a]Pyrene	Dimethenamid OA	Methylene Chloride	Tert-Amyl Methyl Ether
2,2-Dichloropropane	Benzotriazole	Dimethoate	Metribuzin	Tert-Butyl Alcohol
2,4-D	Beryllium	Dimethylphthalate	Molinat	Tert-Butylbenzene
2,4-DB	Beryllium-7	Di-n-Butyl Phthalate	Naphthalene	Tetrahydrofuran
2,4-Dinitrotoluene	BHC, Alpha	Dinoseb	N-Butylbenzene	Thallium
2,4,5-T	BHC, Beta	Diquat	Nitrite	Toluene
2,4,6-Trinitrotoluene (TNT)	BHC, Delta	E.Coli	Nitrobenzene	Tolytriazole
2,6-Dinitrotoluene	BHC, Gamma (Lindane)	Endosulfan I	N-Nitroso-diethylamine (NDEA)	Toxaphene
2-Butanone (MEK)	Bromacil	Endosulfan II	N-Nitroso-di-n-propylamine (NDPA)	Trans-1,2-Dichloroethene
2-Chlorotoluene	Bromobenzene	Endothall	N-Nitroso-methylethylamine (NMEA)	Trans-1,3-Dichloropropene
3,5-Dichlorobenzoic Acid	Bromochloromethane	Endrin Aldehyde	N-Nitroso-pyrrolidine (NPYR)	Tribromoacetic Acid
3-Hydroxycarbofuran	Bromomethane	Endrin	N-Nitrosopiperidine (NPIP)	Trifluralin
4,4' - DDD	Butachlor	Enterococci	N-Propylbenzene	Tritium
4,4' - DDE	Butylbenzylphthalate	EPTC	Odor	Uranium
4,4' - DDT	Cadmium	Ethylbenzene	Oxamyl	Vinyl Chloride
	Carbaryl	Ethylene Glycol	o-Xylene	Zinc-65
	Carbofuran	Ethyl-Tert-Butyl Ether	p, m-Xylene	Zirconium-95
	Carbon Tetrachloride	Europium-152	Paraquat	
	Cesium-137	Europium-154	PCBs	
	Chloramben	Europium-155		

### Special Notice for Brentwood and Fair Harbor Water Districts

The Suffolk County Water Authority assumed operation of the Brentwood and Fair Harbor Water Districts in 2000. Brentwood Water District is a part of SCWA Distribution Area 12. Test results for Brentwood are included in the information in the main section of this report. Test results for Fair Harbor may be found on page 14 under Distribution Area 53. Although this notice is being provided separately, please be assured information you read elsewhere in this booklet about the protections and services we offer to our customers applies to you as well.

### Special Notice for Riverside Water District

The Suffolk County Water Authority operates the Riverside Water District, and we serve approximately **1,809** people there. Test results for the Riverside Water District may be found on page 15 under Distribution Area RSWD. Although this notice is being provided separately, please be assured information you read elsewhere in this booklet about the protections and services we offer to our customers applies to you as well.

### Special Information For Immuno-Compromised Individuals

New York State law requires water suppliers to notify their customers about the risks of cryptosporidiosis and giardiasis. Cryptosporidiosis and giardiasis are intestinal illnesses caused by microscopic parasites found in surface water and groundwater under the influence of surface water. There have been no known outbreaks of cryptosporidiosis or giardiasis linked to any public water supplies in Suffolk County. For more information on cryptosporidiosis and giardiasis, please contact the Suffolk County Department of Health Services at (631) 852-5810.

Some people may be more vulnerable to disease causing microorganisms or pathogens in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice from their health care provider about their drinking water. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium, Giardia and other microbiological contaminants are available from the EPA's Safe Drinking Water Hotline at (800) 426-4791. Individuals who think they may have cryptosporidiosis or giardiasis should contact their health care providers immediately.

### Special Notice for Stony Brook Water District

The Suffolk County Water Authority operates the Stony Brook Water District. Test results for the Stony Brook Water District may be found on page 15 under Distribution Area SBWD and pertinent statistics are in the table shown below. Although this notice is being provided separately, please be assured information you read elsewhere in this booklet about the protections and services we offer to our customers applies to you as well.

#### Stony Brook Water District Statistics

Customers . . . . .	1,629
Population Served . . . . .	4,887
Miles of Main . . . . .	26
Fire Hydrants . . . . .	216
Water Used (Million Gallons) . . . . .	197
Average Annual Bill (115,288 gallons) . . . . .	\$60
Water Billed (Million Gallons) . . . . .	184
Percentage of Water Unaccounted for . . . . .	7%

#### Suffolk County Water Authority Offices

Normal business hours, Monday - Friday, 8:30 a.m. - 5:00 p.m.

##### Administrative Offices

4060 Sunrise Highway Oakdale, NY 11769 (631) 589-5200

##### Customer Service Center

2045 Route 112, Suite 5, Coram, NY 11727 (631) 698-9500

For the **Hearing Impaired** the **TDD Customer Service Number** is **589-5210**

##### Emergency

Monday - Friday 8:30 a.m. - 8:00 p.m. and Saturday 8:00 a.m. to 4:30 p.m. please call the Customer Service Center. All other hours (631) 665-0663

***Need more information about us?** Please visit our website at [www.scwa.com](http://www.scwa.com) or give us a call at **563-0296**. You may also be interested in attending one of the meetings of the Suffolk County Water Authority Board of Directors. Please feel free to attend these meetings, which are generally held at 7 p.m. on the last Tuesday of the month at our headquarters in Oakdale.*

#### Federal PWS ID Numbers

Brentwood Water District . . . . .	5103692
Fair Harbor Water District . . . . .	5110599
Riverside Water District . . . . .	5105655
Stony Brook Water District . . . . .	5103698
Suffolk County Water Authority . . . . .	5110526