

WATER TREATMENT

The South Farmingdale Water District provides treatment at all wells to improve the quality of the water pumped prior to distribution to the consumer. The pH of the pumped water is adjusted upward to reduce corrosive action between the water and water mains and in-house plumbing by the addition of sodium hydroxide. South Shore wells (including those of the South Farmingdale Water District) have high iron in the raw well water. Iron is an aesthetic problem and is not health related.

The District sequesters the iron by the addition of Aqua-Mag (linear chain phosphate) to keep the iron in solution and prevent the staining of laundry and plumbing fixtures. The District also operates three (3) iron removal treatment facilities at Plant Nos. 2, 5 and 6. The District also adds small amounts of sodium hypochlorite (chlorine) as a disinfecting agent and to prevent growth of bacteria in the water distribution system.

WATER QUALITY

In accordance with State regulations, the South Farmingdale Water District routinely monitors your drinking water for numerous parameters. We test your drinking water for coliform bacteria, turbidity, inorganic contaminants, lead and copper, nitrate, volatile organic contaminants, total trihalomethanes and synthetic organic contaminants. Over 135 separate parameters are tested for in each of our wells numerous times per year. The table presented on page 3 depicts which parameters or contaminants were detected in your drinking water. It should be noted that many of these parameters are naturally found in all Long Island drinking water and do not pose any adverse health affects.

Copies of a Supplemental Data Package, which includes the water quality data for each of our supply wells utilized during 2000, are available at the South Farmingdale Water District office located at 40 Langdon Road, Farmingdale, New York and the Farmingdale Public Library.

We at South Farmingdale Water District work around the clock to provide high quality water to every tap throughout the community. We ask that all our customers help us protect our water resources, which are the heart of our community, our way of life and our children's future.

SOUTH FARMINGDALE WATER DISTRICT

2000 DRINKING WATER QUALITY REPORT

Public Water Supply Identification No.: 2902854



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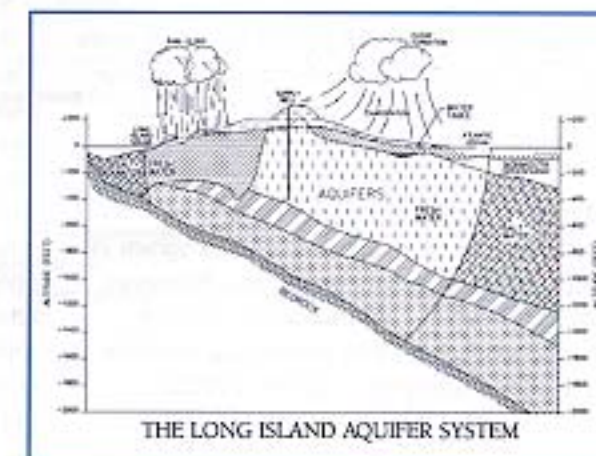
Leonard Constantinopoli

The South Farmingdale Water District is pleased to present to you this year's Water Quality Report. The report is required to be delivered to all residents of our District in compliance with Federal and State regulations. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water every day. We also want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. The Board of Commissioners and the District employees are committed to ensuring that you and your family receive the highest quality water.

SOURCE OF OUR WATER

The source of water for the District is groundwater pumped from 11 wells located throughout the community that are drilled into the Magothy aquifer beneath Long Island, as shown on the below figure. Generally, the water quality of the aquifer is good to excellent, although there are localized areas of contamination.

The population served by the South Farmingdale Water District during 2000 was 44,700. The total amount of water withdrawn from the aquifer in 2000 was 1.755 billion gallons, of which approximately 90 percent was billed directly to consumers.



COST OF WATER

The District utilizes the following daily step billing schedule for residential and commercial accounts:

Daily Usage (gallons)	Cost Per Gallon
First 66.6666	\$0.00075 (minimum charge)
Next 155.5555	\$0.001
Next 111.1111	\$0.00125
Next 111.1111	\$0.0015
Remaining	\$0.0019

DAILY WATER RATES

CONTACT FOR ADDITIONAL INFORMATION

We are pleased to report that our drinking water is safe and meets all Federal and State requirements except for iron, for which the water is treated. If you have any questions about this report or concerning your water utility, please contact Water District Superintendent Al Licci at (516) 249-3330 or the Nassau County Department of Health at (516) 571-3324. We want our valued customers to be informed about our water system. If you want to learn more, please attend any of our regularly scheduled meetings. They are normally held the second and fourth Tuesday of each month at 5 p.m. at the Water District office.

The South Farmingdale Water District routinely monitors for different parameters and contaminants in your drinking water as required by Federal and State laws. All drinking water, including bottled drinking water, may

be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk. For more information on contamination and potential health risks, please contact the USEPA Safe Drinking Water Hotline at 1-800-426-4791.

The USEPA established a Lead and Copper Rule that required all public water suppliers to sample and test for lead and copper at the tap. The first testing was required in 1992. All results were excellent indicating that the District's corrosion control treatment program was effective in preventing the leaching of lead and copper from your home's plumbing in to your drinking water. The same testing was last conducted in 2000 with the same excellent results. The District will conduct its next round of sampling and testing in 2003.

WATER CONSERVATION MEASURES

The underground water system of Long Island has more than enough water for present water demands. However, saving water will ensure that our future generations will always have a safe and abundant water supply.

In 2000, the South Farmingdale Water District continued to implement a water conservation program in order to minimize any unnecessary water use. However, the pumpage for 2000 was 9.7 percent lower than in 1999. This decrease can most likely be attributed to the relatively wet and cooler Summer weather in 2000.

Residents of the District can also implement their own water conservation measures such as retrofitting plumbing fixtures with flow restrictors, modifying automatic lawn sprinklers to include rain sensors, repairing leaks in the home, installing water conservation fixtures/appliances and maintaining a daily awareness of water conservation in their personal habits. In addition, consumers should be aware that the Nassau County Lawn Sprinkler Regulations are still in effect. Besides protecting our precious underground water supply, water conservation will produce a cost savings to the consumer in terms of both water and energy bills (hot water).

TABLE OF DETECTED PARAMETERS

Contaminants	Violation (Yes/No)	Date of Sample	Level Detected (Maximum) (Range)	Unit Measurement	MCLG	Regulatory Limit (MCL or AL)	Likely Source of Contaminant
Inorganic Contaminants							
Copper	No	7/00	0.17 ⁽¹⁾ 0.02 - 0.19	mg/l	1.3	AL = 1.3	Corrosion of galvanized pipes; Erosion of natural deposits
Lead	No	7/00	1.6 ⁽¹⁾ ND - 5.5	ug/l	0	AL = 15	Corrosion of household plumbing systems; Erosion of natural deposits
Sodium	No	Numerous	42.6 2.4 - 42.6	mg/l	n/a	No MCL ⁽³⁾	Naturally occurring
Zinc	No	Numerous	0.07 ND - 0.07	mg/l	n/a	MCL = 5	Naturally occurring
Chloride	No	Numerous	41.7 2.6 - 41.7	mg/l	n/a	MCL = 250	Naturally occurring
Iron	Yes ⁽²⁾	Numerous	2,290 ⁽²⁾ ND - 2,290	ug/l	n/a	MCL = 300	Naturally occurring
Nitrate	No	Numerous	1.9 ND - 1.9	mg/l	10	MCL = 10	Runoff from fertilizer and leaching from septic tanks and sewage
Sulfate	No	Numerous	45.4 ND - 45.4	mg/l	n/a	MCL = 250	Naturally occurring
Synthetic Organic Contaminants Including Pesticides and Herbicides							
None Detected	--	--	ND	--	--	--	--
Volatile Organic Contaminants							
Chloroform	No	Numerous	0.7 ND - 0.7	mg/l	n/a	MCL = 50	Chlorine by-product

Definitions:

Maximum Contaminant Level (MCL) - The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible.

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.

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

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

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

Non-Detects (ND) - Laboratory analysis indicates that the constituent is not present.

⁽¹⁾ - During 2000 we collected and analyzed 30 samples for lead and copper. The 90% percentile level is presented in the table. The action levels for both lead and copper were not exceeded at any site tested. Resampling is scheduled for 2003.

⁽²⁾ - Iron is only a secondary drinking water standard. Iron has no health affects. Therefore, exceeding the MCL represents a level at which adverse aesthetics effects start to occur.

⁽³⁾ - No MCL has been established for sodium. However, 20 mg/l is a recommended guideline for people on high restricted sodium diets and 270 mg/l for those on moderate sodium diets.