

South Huntington Water District

2007 Drinking Water Quality Report

Public Water Supply Identification No.: 5103263

Board of Commissioners

George Kopp, Chairman
 Anthony R. Kropp, Treasurer
 Paul Tonna, Secretary

Superintendent

Kevin Carroll

ANNUAL WATER SUPPLY REPORT

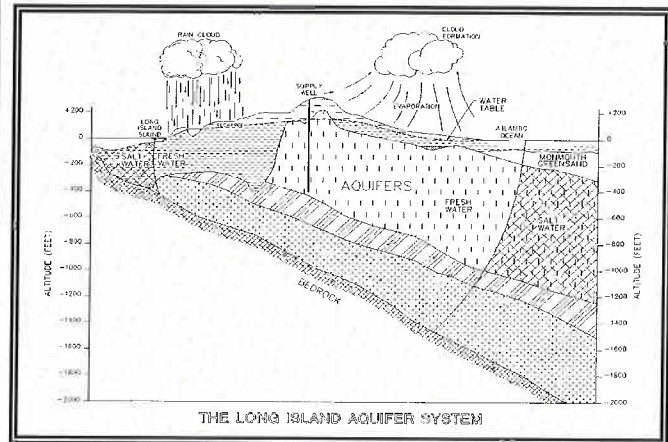
May 2008

The South Huntington Water District is pleased to present to you this year's Water Quality Report. **The Board of Commissioners is happy to report that our water meets or exceeds all Federal, State and County drinking water standards.** This report is required to be delivered to all residents of our District in compliance with Federal and State regulations. 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 Water Commissioners and the District employees are committed to ensuring that you and your family receive the highest quality water at the lowest possible cost.

SOURCE OF OUR WATER

The source of water for the District is groundwater pumped from 23 wells located throughout the community that are drilled into the Glacial and Magothy aquifers beneath Long Island, as shown on the adjacent 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 Huntington Water District during 2007 was 81,760. The total amount of water withdrawn from the aquifer in 2007 was 3.99 billion gallons, of which approximately 88.1 percent was billed directly to consumers.



COST OF WATER

The District billed each customer in 2007 based on the rates shown below:

0 – 100,000 gallons	\$0.50 per 1,000 gallons
101,000 – 200,000 gallons	\$1.01 per 1,000 gallons
Over 201,000 gallons	\$1.31 per 1,000 gallons

The minimum bill is \$2.00

We are proud to state that these are still the lowest water quarterly rates on Long Island!

CONTACTS FOR ADDITIONAL INFORMATION

We are pleased to report that our drinking water is safe and meets all Federal and State requirements. If you have any questions about this report or concerning your water utility, please contact Water District Superintendent Kevin Carroll at (631) 427-8190 or the Suffolk County Department of Health Services at (631) 852-5778. 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 every Tuesday at 3:30 p.m. at the Water District office.

The South Huntington Water District routinely monitors for different parameters and contaminants in your drinking water as required by Federal and State laws. All sources of drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents or contaminants. It's important to remember that the presence of these constituents does not necessarily pose a health risk. In order to ensure that tap water is safe to drink, the State and the EPA prescribe regulations which limit the amount of certain contaminants in water provided by public water systems. The State Health Department's and the FDA's regulations establish limits for contaminants in bottled water which must provide the same protection for public health. For more information on contamination and potential health risks, please contact the USEPA Safe Drinking Water Hotline at 1-800-426-4791.

Water from the South Huntington Water District has elevated levels of nitrates, but well below the maximum contaminant level of 10.0 parts per million. Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. The source of the nitrates is the nitrogen in fertilizers and from on-site septic systems. If you are caring for an infant, you should ask advice from your health care provider.

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 microbial pathogens are available from the Safe Drinking Water Hotline (800-426-4791).

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 2007, the South Huntington Water District continued to implement a water conservation program in order to minimize any unnecessary water use. The pumpage for 2007 was 10 percent more than 2006. This increase can be attributable to hotter and drier weather that occurred during the summer of 2007 compared to 2006.

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. 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).

WATER TREATMENT

The South Huntington 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 small amounts of sodium hydroxide.

The District also adds small amounts of calcium hypochlorite (chlorine) as a disinfection agent and to prevent the growth of bacteria in the distribution system.

Air stripping facilities are located at Well Nos. 1, 2, 5-1, 5-2 and 10 for the removal of volatile organic chemicals. Granular activated carbon filters are installed at Well Nos. 6 and 8 for the removal of volatile organic chemicals.

WATER QUALITY

In accordance with State regulations, the South Huntington 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 Water District conducts more testing than required by the State Health Department to ensure your water is safe to drink. The enclosed table

