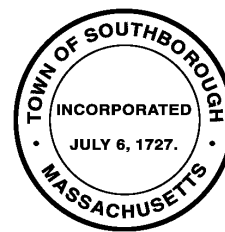


water

Town of Southborough Department of Public Works

Public Water Supply # 2277000



To Our Water Customers,

The Southborough Department of Public Works thanks you for taking the time to review the 2005 Drinking Water Quality Report provided to you in partnership with the Massachusetts Water Resources Authority (MWRA). The MWRA treats and delivers fully treated water to 50 communities in eastern Massachusetts, including the Town of Southborough. The water is pumped into Southborough's distribution system at the Town's two pumping stations. The Town distributes the water through our pipe network into your home or business. In 2005 the Town pumped about 420 million gallons of water for distribution to Southborough residences and businesses. By providing this information, we hope to encourage conservation and protection of this precious resource.

The opening of the MWRA's John J. Carroll Treatment Plant on July 27th ended the need for the Town of Southborough to further treat the water entering our distribution system from the MWRA. Because Southborough was treating the water until July 27th, the results for the Town's levels of disinfection by-products for the first half of 2005 are different from the MWRA's and are reported here.

COMPOUND	UNIT	MCL	MCLG	DETECTED LEVELS	RANGE	SOURCE	VIOLATION
Total Trihalomethanes	ppb	Avg= 80	0	Avg = 75.03	62-95	Byproduct of water disinfection	No
Haloacetic Acids-5	ppb	Avg =60	0	Avg= 46.1	31-63	Byproduct of water disinfection	No
Chloramine	ppm	Avg=4	4	Avg= .90	.66-1.23	Water disinfection	No

* Note: Definitions of terms and abbreviations (e.g., MCL and MCLG, etc.) are found in the attached MWRA Annual Water Quality Report.

The Department of Environmental Protection (DEP) also requires the Southborough water system to be sampled at five locations per year for PCE (tetrachloroethylene) in areas where there is vinyl-lined asbestos cement pipe. The results are reported here.

COMPOUND	UNIT	MCL	MCLG	DETECTED LEVELS	VIOLATION
PCE	ppb	5.0	0	ND-1.6	No

In July 2005 coliform bacteria were detected in 3 samples of the 19 taken for the month. A water system has a coliform violation if more than one sample in a month tests positive for coliform. Coliform bacteria are generally harmless, but can indicate the presence of harmful bacteria. Further testing of the samples testing positive for coliform indicated that no harmful bacteria were present. As required by the DEP, a public notice was given through an advertisement in the MetroWest Daily News and on the Town of Southborough cable channel. The problem was most likely due to high temperatures in the tank that tested positive and high water usage which led to low chlorine residuals in the affected water storage tank.

If you have any questions about this report, your water quality or your water system, please give us a call at 508-485-1210.

Sincerely,

Karen Galligan
Acting Superintendent

THE TOWN OF SOUTHBOROUGH
DEPARTMENT OF PUBLIC WORKS