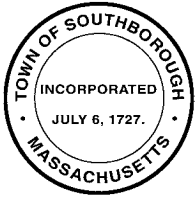


Your Community



Southborough DEPARTMENT OF PUBLIC WORKS

147 Cordaville Road, Southborough, MA 01772
(508)-485-1210

Public Water Supply
2277000

The Town of Southborough and the MWRA are pleased to provide our customers with the 2012 Annual Water Quality Report. Due to exceptional performance in 2012, Southborough's Water Division achieved a top score in Mass Dep's 2013 Public Water System Awards Program, in the Consecutive System Category.

SOUTHBOROUGH'S WATER SYSTEM (PWSID#2277000): The Town of Southborough purchases 100% of our water from the MWRA. The Town pumps fully treated water from the MWRA's distribution system into the Town's distribution system at the Town's two pumping stations. The Town's three water tanks control the water system. The Department of Public Works (DPW) manages the Town's water system. There are 4 full-time, highly dedicated, employees that comprise your DPW Water Division. The Water Commissioners are Southborough's Board of Selectmen. The Selectmen meet on Tuesday nights in the Town House Public Hearing Room; the meetings are televised. The town website, southboroughtown.com, posts the Selectmen's agendas along with water reports and other water system information. Water customers are encouraged to participate at Selectmen's meetings that discuss water issues.

WATER CONSERVATION: In an effort to meet the Water Management Act (WMA) standards and to encourage conservation, Southborough implemented a voluntary water ban for summer 2012. Summer 2012 was an average summer for precipitation and the Town's water usage returned to within 3% of the Town's 5 year average usage. The Town pumped 332 million gallons (MG) of water into our distribution system in 2012. Southborough residents did not meet the WMA standard of 65 gal/day in 2012.

WATER SYSTEM MAINTENANCE: A contractor examined approximately half (52 miles) of the Town's water mains as part of our annual leak detection survey. The survey identified 6 hydrant leaks and 1 service leak. In all, 6 water main breaks, 5 service leaks and 10 hydrants were repaired in 2012. The Water Division performed the annual flushing program in the last week of April. The flushing program flushes water mains in order to remove naturally occurring tuberculation and sedimentation. Throughout 2012 the Water Division employees performed all required routine system maintenance.

WATER SYSTEM IMPROVEMENTS: The Town completed the system's control upgrade to a SCADA (Supervisory Control And Data Acquisition) system in 2012. The Water Division continued to replace all residential meters and should complete this project in 2013. A water main extension project on Route 9 was bid in 2012, work will begin in spring 2013. The Town's engineering consultant completed the design for upgrades to the Boland Pumping Station in 2012. This project will bid and be completed in 2013.

BACKFLOW PREVENTION (CROSS CONNECTIONS): Southborough continues to enforce the Department of Environmental Protection (DEP) mandated cross connection control and prevention program under 310 CMR 22.22 through device testing and cross connection surveys. A cross connection happens when negative system pressure, usually created by high volume flows such as a main break or fire fighting, suctions water back through services into the system. The Town performs cross connection surveys at businesses to ensure required backflow prevention devices are in place and tests the devices to make sure that they are working properly. Backflow devices are required on all lawn irrigation systems, even at residences.

DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) NOTICES OF NON-COMPLIANCE: The Town's water system does not have any outstanding Notices of Non-Compliance.

WATER ANALYSIS: The DEP requires that Southborough sample the water from three locations with vinyl-lined asbestos cement pipe each year for PCE (tetrachloroethylene). The Town is also required to sample 10 sites each month for the presence of coliform bacteria and 15 sites once a year for the presence of lead and copper. No PCE nor total coliform were detected in 2012. The 90th percentile lead & copper results are below.

COMPOUND	ACTION LEVEL	MCLG	90 TH PERCENTILE	VIOLATION
Lead (ppb)	15	0	2.48	NO
Copper (ppb)	1300	0	104	NO

*Note: Definitions of terms and abbreviations (e.g., Action Level and MCLG, etc.) are found in the attached MWRA Annual Water Quality Report. Questions? Contact Karen Galligan, DPW Superintendent, at the DPW 508-485-1210.