

WATER AND SEWER DEPARTMENT OPERATIONS
2010

Matt River Valley Water District Treatment Plant	731,260,000
Total water consumption-2009	190,022,000
Average daily demands	520,608 gals
Highest one-day pumping 07/08/10	1,213,000,000
Max. Week consumption - 7/4/10-7/10/10	7,498,000
Total number of water services - 12/31/10	2999 services
Total number of active water services	2,870 services
Total water mains installed during 2010	0 feet
Total miles of water mains	60.214 miles
New water services installed during 2010	2 services
Water services renewed	2 services
New water meters set	168 meters
Total number of fire hydrants	373 hydrants
New fire hydrants installed	0 hydrants
Fire hydrants repaired	5 hydrants
Fire hydrants replaced	0 hydrants
Total number of gate valves 6" or large	541 valves
Total rainfall recorded at Treatment Plant	53.1 inches
Total measurable snowfall recorded at Treatment Plant	31 inches
Leaks repaired	19 leaks
Total number of sewer services on 12/31/10	1,639 services
Total number of active sewer services on 12/31/10	1,621 services
New sewer services connected during 2010	12 services
Sewer main replaced in 2010	0 feet
Sewer Services repaired	3 services
Total gallons of sewage pumped to Fairhaven in 2010	153,195,933

ROUTE 6 SEWER EXTENSION

There was very little progress made in 2010 in trying to complete this project due to lack of funding for the North Street sewer replacement.

During the year we were successful in negotiating with the Bay Club for the replacement of the North Street sewer line. The success of these negotiations will now allow us to complete our plan to bid both projects together in anticipation of receiving low bids for the combined work. We have a high degree of confidence that the projects will go forward in early 2011.

MA TTAPOISETT NECK SEWER EXTENSION PROJECT

The article was again presented at the May 2010 Annual Town Meeting and received a vote of 374 yes and 181 no and subsequently received the required 2/3 vote to pass. This project has been revisited throughout 2010 in an attempt to come up with a project that would service as many of the parcels that want the sewer. It is expected that the new sewer project will be bid in the early part of 2011.

Additionally the Board of Water /Sewer Commissioners submitted an application and have received notice of obtaining a low interest State Revolving Fund (SRF) to fund this project. The Board of Water/Sewer Commissioners also had filed an application with the zoning board of appeals for the siting of the sewer pumping station as well as filing a notice of intent with the conservation commission for the entire project.

Other permits included filing with the DEP is a Chapter 91 license for culvert crossings.

COMPREHENSIVE WASTEWATER MANAGEMENT PLAN (CWMP)

Work continued through 2010 on the final draft plan being completed and submitted to DEP for their review and comments which also included a required Environmental Impact Report (EIR). The Commissioners submitting an article for the 2010 STM for funding to complete the EIR due to the fact that the scope of the report expanded by additional requirements that were imposed by the State.

The CWMP was originally funded through a low interest loan, which the Board of Water/Sewer Commissioners were successfully in obtained from DEP.

MATTAPOISETT RIVER WATER DISTRICT

A second year of operation of the new District Water Treatment Plant occurred in 2010. There still are many challenges and opportunities associated with the operation of this facility as well as many new learning experiences.

This plant is an ultra-filtration plant using KOCH filters with a total output capacity of 6.0 million gallons per day.

This year a total of 731,260,000 gallons or just over 2.0 million gallons per day of water were processed at the plant and pumped to the Towns of Fairhaven, Marion and Mattapoisett.

This plant was a regional undertaking by the Towns of Mattapoisett, Marion, and Fairhaven for the removal of the naturally occurring levels of iron and manganese that are found in the raw water of our wells.

Water Storage Tank

This year we broke ground to begin the construction of a new 1.0 million gallon elevated composite water storage tank.

The design and construction incorporates a concrete column to support the steel tank. This

design will help to reduce maintenance costs over the life time of the tank.

By the end of the year the concrete column that will support the steel tank was completed as well as 90% of the storage tank itself.

It is expected that the tank will be completion and on line by mid June 2011.

The next project associated with the new tank project will be to demolish the old North Street 330,000 gallon stand pipe that was constructed in 1913.

Cove Street Sewer Project

The 2010 annual town meeting appropriated funds for the design and construction of a sewer on Cove Street. The design will be for a low pressure sewer with each home having it's sewer pump.

Our engineers reviewed the homes and developed an inventory of what pumps already exist that could be used for the project to help hold down cost. As of the end of the year a final decision had not been made as to what the final pump selection will be.

The Cove Street sewer was included in the CWMP that was mention above and as with all other projects a Notice of Intent will have to be submitted to the Conservation Commission.

Sewer Design Appropriation North Street and Industrial Drive

Design money was appropriated at the May 2010 town meeting. The project when design and constructed would provide much needed sewers to the Industrial Drive and North Street from the entrance to Industrial Drive southerly to the area of House number 55 North Street.

By the end of the year we have begun evaluating the best path for the sewer installation by looking at proceeding along the old Rail Road Right of way down to Park Street, connecting into the sewer line on Bay Club Drive or proceeding southerly on North Street to Park Street or continuing to the south toward RTE -6 on North street.

The continued support and corporation from other Boards and Departments is fully appreciated information regarding water and sewer charges, income and expenses may be found in the reports of the Town Account and Town Treasurer.

BOARD OF WATER/SEWER COMMISSIONERS

Daniel W. Chase, CHAIRMAN

Gary A. Gaspar, CLERK

Christopher Jaskolka, MEMBER

William T. Nicholson, SUPERINTENDENT

