

	<b>Options for funding the Cold Spring Road water system</b>	
	Municipal bond 20 years at 5%	Loan from state fund 20 years at 2%
Cost of repaying principal	\$875,000	\$875,000
Interest payments	\$553,000	\$184,000
<b>Total cost of loan</b>	<b>\$1,428,000</b>	<b>\$1,059,000</b>
Cost of 20 years of water delivery	\$420,000	\$420,000
<b>Total cost of new water system during the first 20 years</b>	<b>\$1,848,000</b>	<b>\$1,479,000</b>
Projected income from new water fees from new water line	\$979,000	\$979,000
<b>Total cost to Williamstown</b>	<b>\$868,000</b>	<b>\$500,000</b>

Sources:

Figures on projected income from fees and cost of water delivery are from the Town of Williamstown's document entitled "Operating Expense and Debt Repayment Analysis" Schedules of loan repayment courtesy of Peter Fohlin.

	<b>Options for funding a tank to supply water for fire suppression</b>	
	Municipal bond 20 years at 5%	Low-cost loan 20 years at 2%
Total cost of water tank	\$1,000,000	\$1,000,000
Portion paid by state (projected)*	\$500,000	\$500,000
Amount to be paid by MGRHS school district	\$500,000	\$500,000
<b>Williamstown assessment</b> (2/3 of total)	<b>\$333,000</b>	<b>\$333,000</b>
Interest paid over 20 years	\$175,000	\$70,000
<b>Total cost to Williamstown</b>	<b>\$508,000</b>	<b>\$403,000</b>

\* This analysis assumes that the tank to supply water for fire suppression would be built if and when MGRHS undertakes renovation and reconstruction and thus is in a position to install a sprinkler system. The tank would then be included in the sum of the renovations or reconstruction, and such a project is highly unlikely to proceed without state funding. The projection further assumes that the state would fund 50% the school renovations or reconstruction (a lower rate of funding that the state has provided in the past).

**(Charts and analysis by Heather Williams, Ph.D.)**