

- The Dunstable Water Department will be seeking approval to complete improvements to the Dunstable water system.
 - The existing water system is comprised of two gravel packed wells, one pump station, four miles of water main, and two 4,000 gallon hydro-pneumatic pressure tanks.
 - The Water Department has been working with their consultant, Tighe & Bond, since last year to evaluate the water system needs and provide recommendations on improvements.
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- As a municipal water system, we are required by Massachusetts law, under the supervision of the Department of Environmental Protection (DEP), to provide potable water to residents on the system.
 - The water distribution system cannot be shut down pursuant to DEP oversight.
 - If there is a failure of the system, the DEP will work with the town to insure adequate water to all customers.
 - If Dunstable does not act at a pace expected by the DEP, they can impose fines of up to \$25,000 per day.
 - If the system fails the town will be forced into an emergency situation which can include considerable cost that can be assessed involuntarily on the town by legal means.
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- The current hydro-pneumatic tanks (two) are located on Pond Street and are used to maintain pressure in the water system.
 - These tanks are over 90 years old and have had several recent mechanical failures.
 - The expected lifetime of hydro-pneumatic tanks is 35-40 years.
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- The current tanks do not provide adequate pressure for the operation of fire hydrants for fire suppression.
 - Some municipal buildings do not have the required sprinkler systems because there is not adequate pressure in the system to support sprinkler systems.
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- The distribution system consists of 4 miles of pipe and 102 customers.
 - Almost 1/3 of the pipes are undersized and some pipes are over 70 years old.
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- If the hydro-pneumatic tank system is replaced and the water mains updated it could have an expected lifespan of ~35 years.
 - Dunstable would still have inadequate pressure for fire protection.
 - Dunstable is not 40B compliant (affordable housing); this type of development requires sprinkler systems be installed.
 - A hydro-pneumatic tank system does not provide adequate pressure for sprinkler systems.

- The proposed system, with an expected lifespan of 75 years, will allow for expansion to new customers and provide fire protection to the town.
- The proposed project consists of construction of a 200,000 gallon water storage tank, construction of a new booster pumping station, upgrade of the well pumps, and water main replacement on four streets; Main Street from Town Hall to Lowell Street, Pleasant Street from Salmon Brook to Pond Street, Lowell Street from Main Street approximately 700 feet, and Hillcrest Street from Main Street approximately 530 feet.
- After investigating of various locations throughout Town, the Water Department is proposing to construct a new pumped storage facility on the Town owned Multi-Use District parcel off Pleasant Street.
- The new storage tank would be approximately 25 feet tall, 43 feet in diameter, and provide 200,000 gallons of storage.
- Due to the elevation of the property, a booster pump station will also have to be constructed adjacent to the tank to pump water into the distribution system to maintain water pressure.
- The new facility can provide adequate storage for the current demands of the water system and would allow for expansion of approximately 100 housing units. There are currently 56 new units already approved by Dunstable.
- The proposed system would provide flow capability of approximately 750 gallons per minute at the fire hydrants; the proposed upgrade of the system can provide fire protection to all homes within 3000 feet of any fire hydrant.
- If the hydro-pneumatic tank system is replaced and the water mains updated the cost would be \$1,726,000. This could result in total payments of \$3,237,160 over a 40 year note.
- The cost of the proposed project is \$3,500,000. This could result in total payments of \$5,976,250 over a 40 year note.
- There is a Water Commissioners meeting on Tuesday, July 28th, 2015 at 7 p.m. at the Dunstable Town Hall upper level to ask and get answers to information questions regarding this ballot question.
- Dunstable's consultants will be in attendance to address any technical questions or concerns that are expressed.
- The Water Department can be reached at (978) 649-4514 Ext. 230 if you have any questions.
- A "YES" vote would allow for the construction of the proposed project that was approved at Town Meeting.
- A "NO" vote would not allow the expenditure.