



OFFICE OF THE
WATER DEPARTMENT
TOWN HALL, 511 MAIN STREET
DUNSTABLE, MA 01827-1313
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Water Department Minutes **Tuesday, December 1, 2015**

Approved: January 4, 2016

Meeting was called to order by Chairman Bryant Conant at 6:06pm.

Members present: Mark Cullen and Bob Gamache

Also in attendance: Jeff Faulkner from Tighe & Bond, Fire Chief Brian Rich and Town Forest Committee members Alan Chaney, Jeff Haight, and Ron Patenaude

Meeting held: At the Dunstable Town Hall, 511 Main Street, lower level

Storage Tank Discussion with Town Forest Committee

Bryan told the Town Forest Committee that the Water Board requested their presence at tonight's meeting in order to discuss the possibility of placing a water storage tank on a portion of The George W. Pierce Dunstable Town Forest. Bryan explained that the Board is looking to resolve the potential infrastructure problems with the aging hydro-pneumatic tanks on Pond Street. The Town voted twice against the original proposal that would have placed a tank and booster station at the MUD district. Jeff Faulkner then explained that in addition to the construction of the storage tank;

- 1) the existing water main will need to be extended by approximately 3,200 feet along Groton Street. Soil borings would be taken however Alan Chaney mentioned that there is a lot of sand and gravel in that area of town.
- 2) 1,800 feet of 4+ water main on Pleasant Street will need to be replaced.
- 3) modifications will need to be done to both wells
- 4) the hydro-pneumatic tanks at Pond Street will need to be decommissioned.

Jeff went on to discuss the details to date of the project saying that the best location for the storage tank will be at the high point on the northeast corner of the Town Forest.

The proposed tank will be 90' tall; a concrete column with a bowl at the top.

A new gravel access driveway (with 5' sides), roughly 500 feet will contain a water main and electricity.

An area roughly 150' x 100' will be cleared for construction and final siting.

There will be an outlet to release any overflow of water onto the Town Forest site. If this happens an alarm will notify the operator. Alan Chaney said that there is a large kettle hole that would take a lot of water so that shouldn't be a problem.

The property is protected land . Article 97 - which would require approval from the



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Town Forest Committee, Conservation Commission, Town Meeting and State Legislature to change the use of that section of the property.

Although the property is under ACEC, Jeff said that he doesn't believe there are wetlands or endangered species on that area of the site.

Jeff is waiting for quotes from tank vendors to get an idea of cost of the 200,000 gallon storage tank.

Impact to Area: no lighting on the road, lighting on the tank would only be if the FAA required it. No noise as there would be single phase power to run the mixing system, signal to pumps and lights. There are solar options available for power; however, they would be placed on top of the tank. Jeff said that even with solar, the Department would want to run electricity as a backup.

Secured fencing would be installed around the tank itself.

The new water line would pass approximately 20 houses.

The Town Forest Committee could grant an easement for just the roadway.

The site would only need to be visited every couple of weeks by the Water Department.

There will be 5-10 lbs. of added pressure to the system.

The tank comes in blue, green and white. The paint is baked on the bowl at the factory.

Advantages of this site: no booster station, would be gravity fed, more desired way to run a water system, maintenance on the tank would be minimal.

Alan Chaney from the Town Forest Committee spoke and said that the project would entail a loss of dedicated open space; he doesn't want to set a precedent and affect future donations of property to the town. There was discussion about transferring to the Town Forest Committee up to the 10.89 acres that the Water Department owns on Sky Top Lane which abuts Conservation property. The Fire Chief reminded the Board that they agreed to let him use a small area for a communications tower. The Board said they still support that.

A resident asked about the cost of the project in which Mr. Faulkner explained that they don't have numbers yet.



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Jeff Haight from the Town Forest Committee said that he agrees he doesn't want to set a precedent but wants what is best for the town. He likes the location at the edge of the Town Forest property and suggested a balloon to allow residents to see the visual impact of the tower. Jeff also mentioned creating a station for emergency water situations where residents can fill up gallon jugs. That may help sell the project to voters.

A site visit was set up for Sunday, December 6th at 10am at the Town Forest property. The Committee will meet on Monday, December 7th at 6pm to discuss and vote on whether to allow the Water Department access to the property for the storage tank.

Meeting Minutes of November 17, 2015

Bob made a motion to approve, as submitted, the minutes of the November 17th meeting. Mark 2nd the motion. . Motion passed unanimously.

Review and Sign Monthly Bills and Payroll

Invoices were reviewed and signed by the Board. Mark made a motion to take the \$1,363 for the water meters out of the special repair fund. Bob 2nd the motion. . Motion passed unanimously. Payroll slips for the water employee and secretary were signed.

Review Breakdown of Finances for FY2016

The Board reviewed the fiscal year 2016 financial report.

Update on Money Owed to the Water Department

\$477.40 is outstanding. Water invoices were mailed and are due back mid-December.

Additional Topics Discussed Not Noted on the Agenda

Bob made a motion to close the meeting at 7:34pm. Mark 2nd the motion. - Motion passed unanimously.

Respectfully submitted,

Cheryl A. Mann
Secretary
Dunstable Water Department