

Water Department News

With Town Meeting rapidly approaching (March 24) we thought it a good idea to provide a brief explanation of the reasoning for each of the Water Department-related Articles:

ARTICLE 7:	Capital Appropriations for Fiscal Year 2012	<i>Capital Planning Committee</i>
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To see if the Town will appropriate by taxation, by transfer from available funds, by borrowing, or any combination thereof, the sum of \$145,364 (ONE HUNDRED FORTY FIVE THOUSAND THREE HUNDRED SIXTY FOUR DOLLARS) to provide for the following capital requests:

<i>DEPARTMENT</i>	<i>AMOUNT</i>	<i>PURPOSE</i>
Water Department	\$85,364	Purchase of dump truck and any other related costs
Water Department	\$30,000	Replace supervisory control and data acquisition (SCADA) system software and any other related costs
Water Department	\$30,000	On-line turbidity monitoring equipment and any other related costs

Or act in relation thereto.

Why do we need the above equipment?

- The dump truck is 17 years old and requires a new dump body at a cost of about \$15,000. Due to its age and condition, it is not economically prudent to repair this vehicle.



Rot on underside of dump bed - and outside stabilizer rail

- The existing SCADA (Supervisory Control and Data Acquisition) System is outdated. The SCADA System is the software that controls the entire operation of the Water Department facilities, and is critical to operation of the entire treatment and distribution system. The current version of the software will not run on the computer operating systems currently available.
- The replacement of turbidity monitoring equipment is required to ensure compliance with the Surface Water Treatment Rule. Our current equipment is no longer supported by the manufacturer making it extremely difficult and impractical to maintain. In the event of failure of this equipment, the Water Department is only allowed to manually collect samples for no more than five days. Since the equipment is no longer supported, this has the potential to put

the Water Department into non-compliance with MassDEP requirements 310 CMR Section 22.20D(5)(b).

Why are these capital items separate from the rest of the Town's capital items? The reason is because the Water Department Enterprise Fund will be used to pay for them, and they must be purchased while the amount of the Fund is certified. This Capital request was presented to the Capital Committee along with the applicable justification.

ARTICLE 8:	Testing, Repairing, and Replacement of Large Capacity Water Meters	<i>Board of Water Commissioners</i>
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To see if the Town will transfer a sum of \$180,990.56 (ONE HUNDRED EIGHTY THOUSAND NINE HUNDRED NINETY DOLLARS AND FIFTY SIX CENTS) from the following accounts:

Upgrade Water Main Byrne Ave – Article 12, 2008 ATM	173,591.05
Stepinski Land – Article 29, 2008 ATM	584.62
Country Road Well – Article 6, 2009 STM	6,814.89

to provide for the testing, repairing, and replacement of large water meters and any other related costs;

Or act in relation thereto.

- The above accounts comprise funds that were bonded for past projects that came in under budget. The Water Department is requesting to use funds from these completed projects to maintain and replace large capacity water meters. These meters require more testing than a standard household meter, and are significantly more expensive to replace.

ARTICLE 21:	Water Distribution System Improvements – Route 110 Water Main Replacement – Boston Road to Nixon Road and Nixon Road to Saint Mary's Drive	<i>Board of Water Commissioners</i>
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To see if the Town will appropriate the sum of \$550,000 (FIVE HUNDRED FIFTY THOUSAND DOLLARS) to be expended at the direction of the Water Commissioners, for the purpose of making water system improvements on Route 110 from Boston Road to Nixon Road, including all costs incidental and related thereto, and that to meet this appropriation, the Town Treasurer, with the approval of the Board of Selectmen, is hereby authorized to borrow said amount under and pursuant to Chapter 44 Section 7 or 8 of the General Laws, or any other enabling authority, and to issue bonds or notes of the Town therefor;

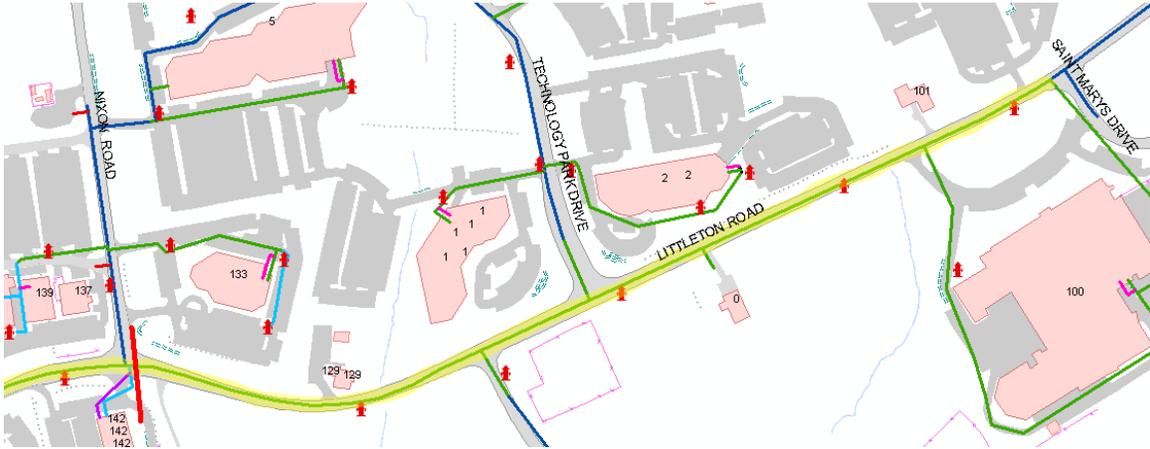
And further;

To see if the Town will appropriate the sum of \$750,000 (SEVEN HUNDRED FIFTY THOUSAND DOLLARS) to be expended at the direction of the Water Commissioners, for the purpose of making water system improvements on Route 110 from Nixon Road to Saint Mary's Drive, including all costs incidental and related thereto, and that to meet this appropriation, the Town Treasurer, with the approval of the Board of Selectmen, is hereby authorized to borrow said amount under and pursuant to Chapter 44 Section 7 or 8 of the General Laws, or any other enabling authority, and to issue bonds or notes of the Town therefor;

Or act in relation thereto.

- Improving system fire protection capacity is one focus of the Water Department Master Plan. By replacing the current undersized mains with larger mains these two projects will significantly improve fire flow from the densely-developed Red Hat building in Technology Park West to Princeton Properties near the

Section from Nixon Road to Saint Mary's Drive included in the Water Department project. The main slated for replacement is highlighted in yellow.



ARTICLE 36: Transfer Custody of Town Properties From Board of Selectmen to The Board of Water Commissioners *Water Commissioners*

To see if the Town will vote pursuant to the provisions of Massachusetts General Laws Chapter 40, Section 15A to transfer the care, custody, management and control of the following properties, including all works, buildings and other structures located, erected or constructed thereon, from the Board of Selectmen for the purposes for which the properties are now held, to the Board of Water Commissioners for water supply system purposes as set forth in Massachusetts General Laws Chapter 40, Section 39B:

DEPOT STREET WELL SITE

Map/Parcel: 065 0002 0000
 Street Address: Depot Street
 Title Reference: MNRD Book 1693, Pages 24, 554, and 555

Map/Parcel: 065 0003 0000
 Street Address: Depot Street
 Title Reference: MNRD Book 1693, Page 24

NUTTING ROAD SITE

Map/Parcel: 068 0001 0000
 Street Address: 17 and 19 Nutting Road
 Title Reference: MNRD Book 1546, Page 42

COUNTRY ROAD #2 SITE

Map/Parcel: 020 0034 0000
 Street Address: 15 Country Road
 Title Reference: MNRD Book 1678, Pages 590, 591, 592, and 593

Map/Parcel: 020 0090 0000
 Street Address: 14 Country Road
 Title Reference: MNRD Book 1614, Page 193

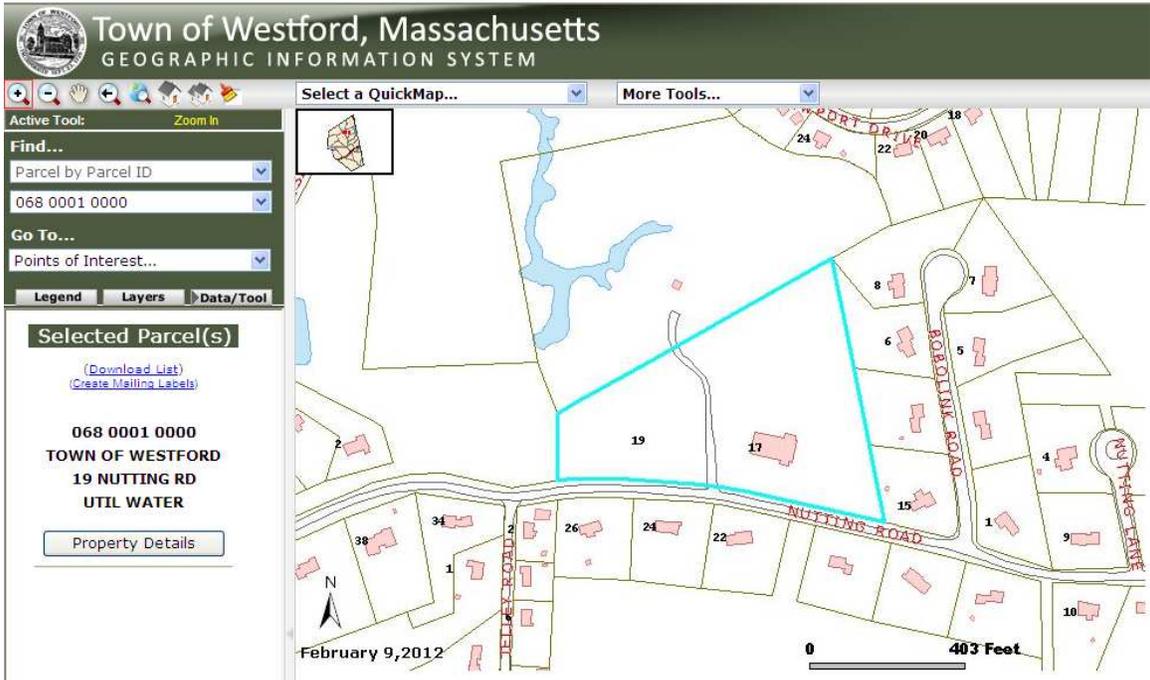
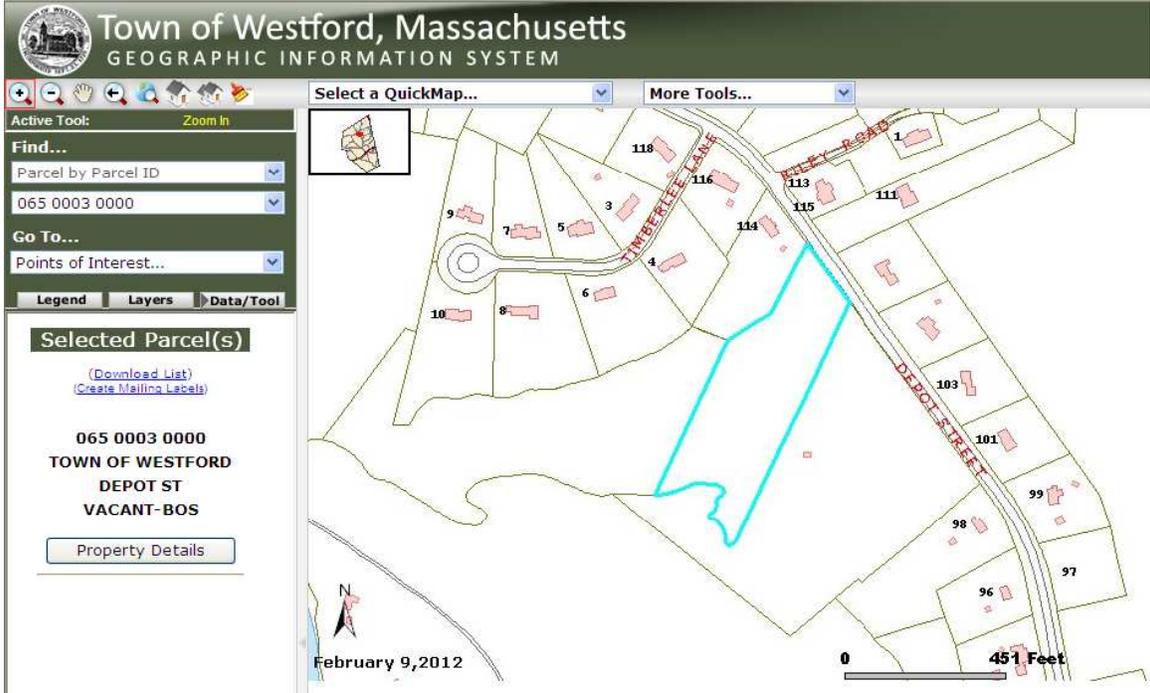
Map/Parcel: 020 0018 0002
Street Address: Country Road
Title Reference: MNRD Book 5446 Page 40
MNRD Book 5103 Page 119;

Or act in relation thereto.

- The MassDEP requires that the Water Department own or control the land and activities at the locations of its source wells in order to protect the water supply. This is why we are requesting transfer of care and custody from the Town to the Water Department. With the exception of the last Country Road Parcel 020 0018 0002, these parcels were included in last March's Town Meeting warrant for transfer, but were inadvertently left off the Motions.

Maps showing the location of these parcels:





Town of Westford, Massachusetts
GEOGRAPHIC INFORMATION SYSTEM

Active Tool: [Zoom In](#)

Find...
Parcel by Parcel ID
020 0034 0000

Go To...
Points of Interest...

Legend Layers Data/Tool

Selected Parcel(s)
[\(Download List\)](#)
[\(Create Mailing Labels\)](#)

020 0034 0000
TOWN OF WESTFORD WATER
DEPT
15 COUNTRY RD
UTIL WATER

[Property Details](#)

February 9, 2012

Town of Westford, Massachusetts
GEOGRAPHIC INFORMATION SYSTEM

Active Tool: [Zoom In](#)

Find...
Parcel by Parcel ID
020 0090 0000

Go To...
Points of Interest...

Legend Layers Data/Tool

Selected Parcel(s)
[\(Download List\)](#)
[\(Create Mailing Labels\)](#)

020 0090 0000
TOWN OF WESTFORD
14 COUNTRY RD
UTIL WATER

[Property Details](#)

February 9, 2012



Town of Westford, Massachusetts

GEOGRAPHIC INFORMATION SYSTEM

Active Tool: **Zoom In**

Find...

Parcel by Parcel ID

020 0018 0002

Go To...

Points of Interest...

Legend Layers Data/Tool

Selected Parcel(s)

[\(Download List\)](#)
[\(Create Mailing Labels\)](#)

020 0018 0002
TOWN OF WESTFORD
CONCORD RD
VACANT-BOS

[Property Details](#)

