



PLAISTOW
NEW HAMPSHIRE
INCORPORATED 1749

Water Service Connections/Informational Meeting
Southern NH Regional Water
Interconnection Project
Plaistow, NH
October 28, 2019

Introductions

- Keith Pratt, PE, President
- Gene Forbes, PE, Project Manager
- Project Engineers/Designers
 - Phil MacDonald, PE
 - Joshua Teixeira

Agenda

- Introductions
- Sign – In Sheet
- Background/Purpose
- Service Connection Plan
- Schedule
- Questions
- Plumbing & Well Schedule Sign – Up

Format of Meeting?

Questions along the way?
Questions at end?

Sign-In Sheet

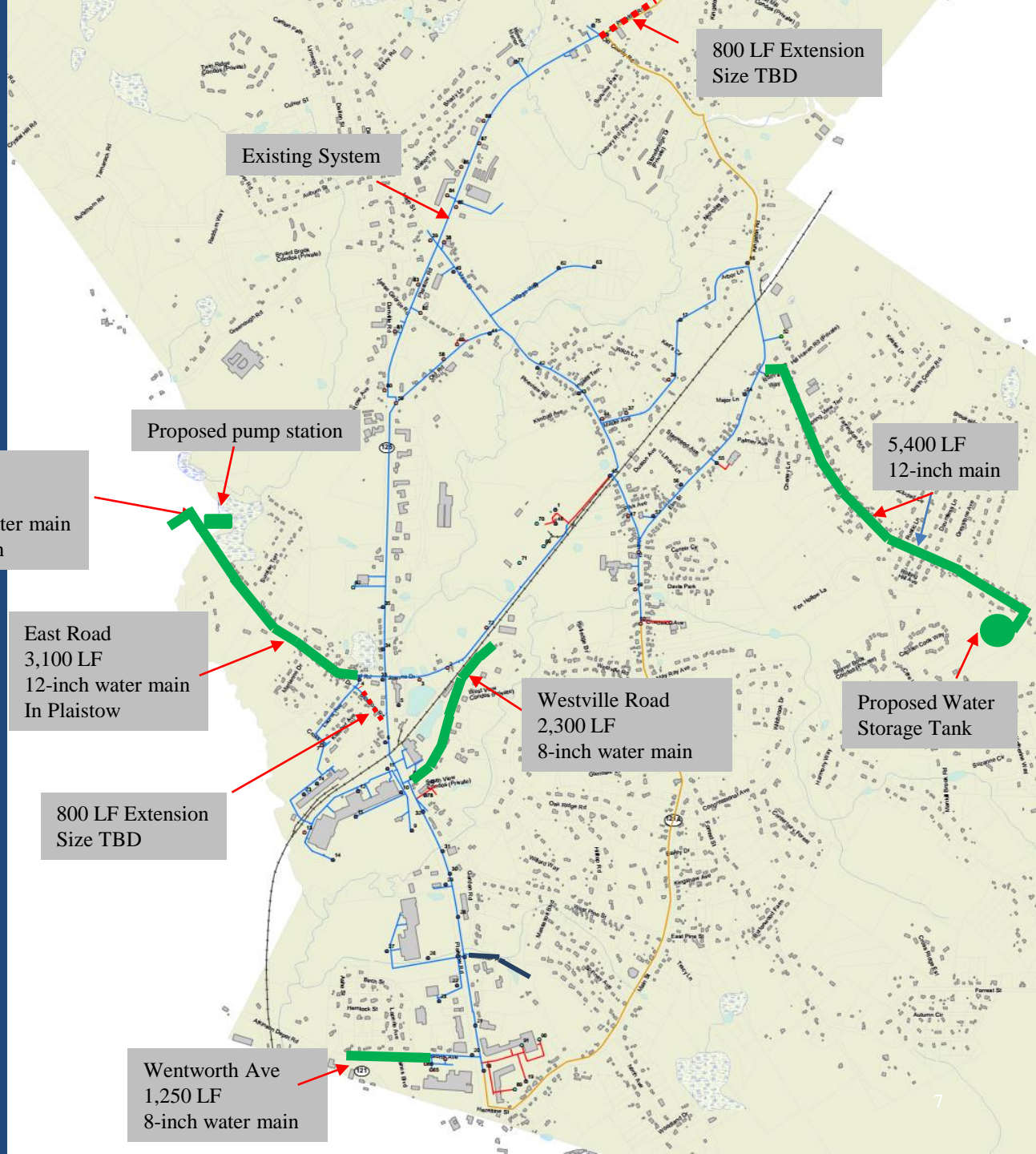
Please

- Verify name & address
- Provide contact information
- Check box if in attendance

Background/Purpose

- Provide drinking water to MtBE impacted properties.
- 61 MtBE impacted properties have been identified at this time.
- NHDES plan to conduct additional testing.

Existing System & Project Area



Project Summary

- Pumping Station and Meter
- 12" Water Transmission Main
 - 4,300 feet on East Road
 - 5,400 feet on Sweet Hill Road
- 8" Water Transmission Main
 - 2,300 feet on Westville Road
 - 1,250 feet on Wentworth Avenue
- 400,000 gallon Water Storage Tank on Sweet Hill Road
- 61 MtBE Service Connections

Project Components

- Water Mains/Water Main Extensions
- Storage Tank
- Pumping Station
- Service Connections

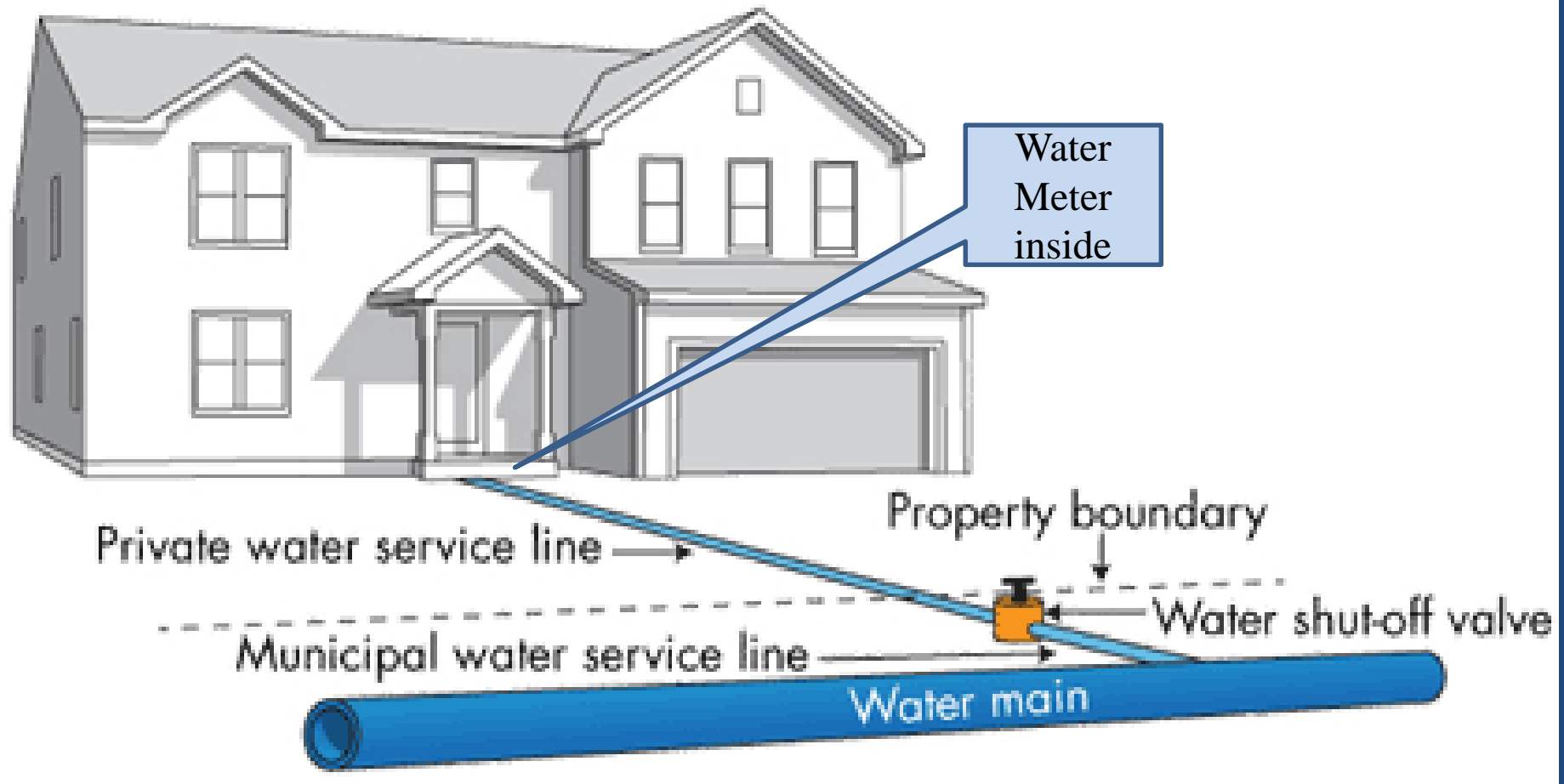
Service Connections

- Basis of Design
 - Complete service to MtBE contaminated sites (61)
 - Service to property lines for existing structures along route
 - $\frac{3}{4}$ -inch copper minimum pipe size
 - Some main extensions are needed

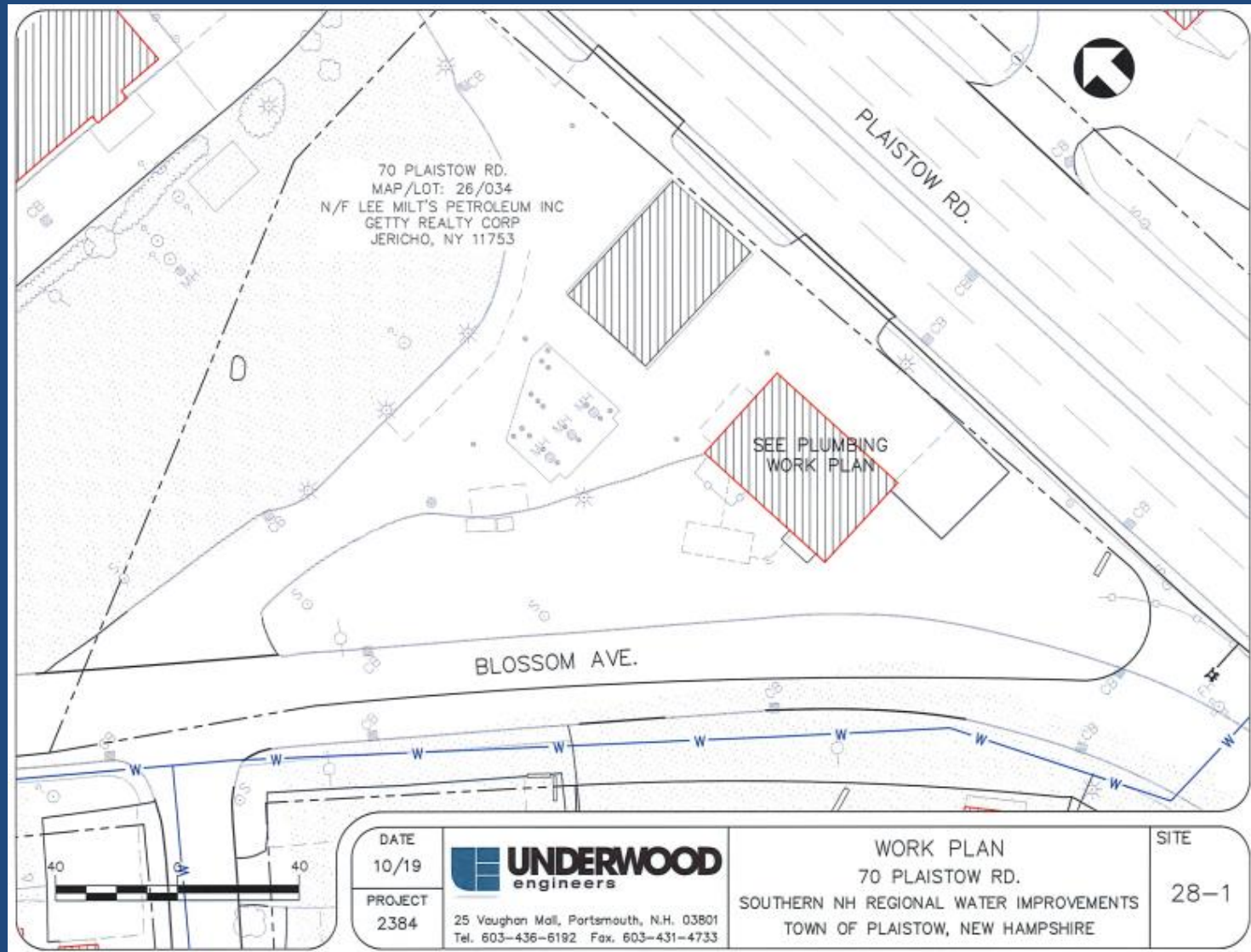
Service Connections

- Design Considerations
 - Access/easements
 - Phase 1B Archeological work
 - Environmentally sensitive areas
 - Trenchless installation
 - Additional survey and borings
 - Well decommissioning

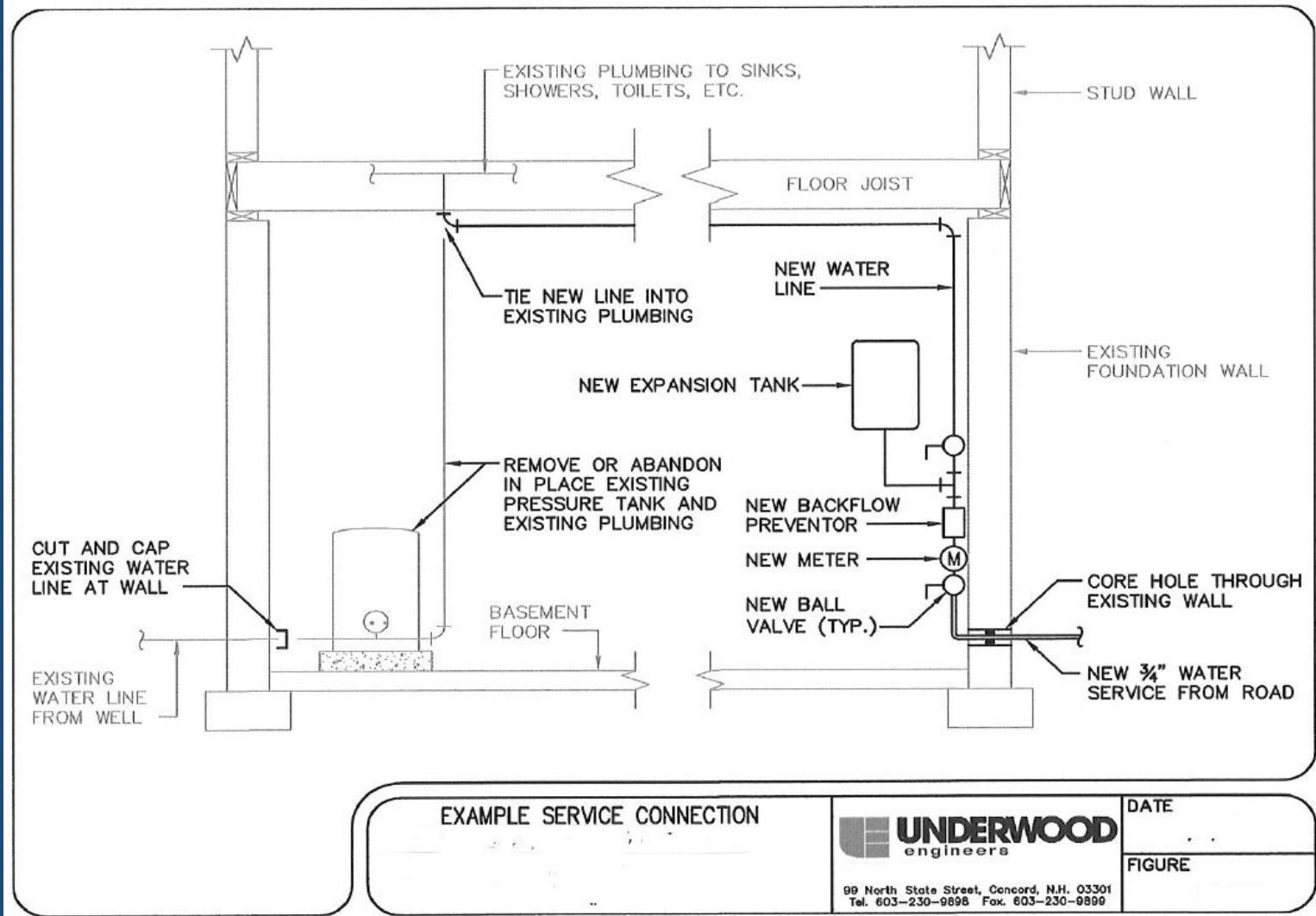
Typical Water Service



Work Plans



Work Plans



Schedule

- Review of Plumbing & Wells (October through November)
 - Multiple time slots(mornings, afternoons and Saturdays) are provided for convenience
- Archeologic Review of Sensitive Areas (*Review of certain properties, November 2019*)
- Work plans of individual properties & MOU (agreements) will be submitted to property owners for review (November 15 to January 2020)
- Construction (Spring 2020 – July 2021)
- Service Connections (beginning late 2020)
- System Online – 2021 or 2022

Frequently Asked Questions

Question #1: Do I have to connect to the Town water service?

Answer #1: No, connection is at the property owner's discretion.

Question #2: If I do decide to connect to Town water, do I have to contribute financially for the water service connection?

Answer #2: If your property has been identified by the New Hampshire Department of Environmental Services (NHDES) as being impacted by MtBE, then no, the cost of the water service connection and the Town's connection fee will be paid for by the NHDES MtBE Bureau, including internal plumbing changes in the building basement.

Question #3: If I choose not to connect now, can I connect at any time in the future and will the NHDES MtBE Bureau pay for this connection?

Answer #3: Due to budget constraints and the many competing requests for assistance the NHDES MtBE Bureau cannot guarantee that funding will be available for water service connections related to this project beyond this current project. We therefore strongly recommend that you arrange to have the service connection completed at this time.

Frequently Asked Questions

Question #4: How does the water service connection get to my property?

Answer #4: A copper pipe (3/4-inch minimum) will be laid approximately 4-5 feet deep from the curb stop of the property boundary to the property basement or to an existing well pipe if practical. When connection is made inside the building, a hole will be core drilled through the concrete basement wall to pass the copper pipe. The hole will be sealed watertight. In all cases, new interior pipe, fittings, valves, backflow preventer, flow meter and expansion tank will be provided and plumbed to the interior domestic water pipe.

Question #5: Do I get to choose the route of the pipe and location of the interior piping?

Answer #5: Yes, all reasonable requests will be taken into account and can be discussed with the Underwood Engineers representative at the time of the survey.

Question #6: Once I have connected to the Town water system, will there be usage charges and how much and at what intervals?

Answer #6: Yes. User rates will be established by the Town Board of Selectmen.

Frequently Asked Questions

Question #7: Can I keep my private well or does it need to be decommissioned?

Answer #7: Although not specifically required the NHDES MtBE Bureau strongly recommends decommissioning your existing private well for the following reasons:

- Irrigating with a well impacted by MtBE may contaminate neighboring residential drinking wells.
- Where wells are decommissioned as a part of this project, costs will be paid for by the NHDES. Funding from the NHDES MtBE Bureau to decommission your well may not be available in the future.

Note also that if you choose to retain your existing well, it will need to be plumbed completely separate from the domestic plumbing which will not be funded by the NHDES MtBE Bureau.

Question #8: If I have questions or require further information regarding sampling and contamination to my private well who do I contact?

Answer #8:

Underwood Engineers: Phil MacDonald, P.E.

25 Vaughan Mall
Portsmouth, NH 03801
Tel: 603-436-6192
pmac@underwoodengineers.com

NHDES: Talcott Hubbard, P.E.

MtBE Remediation Bureau
Department of Environmental Services
PO Box 95
Concord, NH 03302-0095
tel: 603-271-2014
talcott.hubbard@des.nh.gov

Questions?

Plumbing & Well Schedule Sign – Up

- October (8:00am – 3:00pm)
 - 31st - Thursday
- November (8:00am – 3:00pm)
 - 2nd Saturday
 - 5th Tuesday
 - 7th Thursday
 - 12th Tuesday
 - 14th Thursday
 - 16th Saturday
 - 19th Tuesday
 - 21st Thursday
 - 23rd Saturday