



PLAISTOW
NEW HAMPSHIRE

Project Update

Southern NH Regional Water Improvements

30% Design - Plaistow

February 11, 2019



Agenda

- Presentation - Project Status
- Questions and Answers
- ESR #12 – Ordinance Preparation and RFP for O&M
- MSDC Purchase – Work Scope Authorization

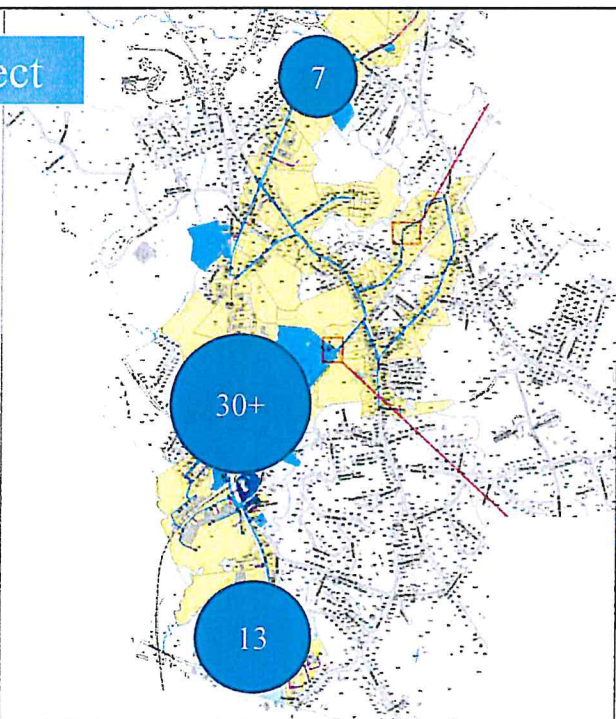


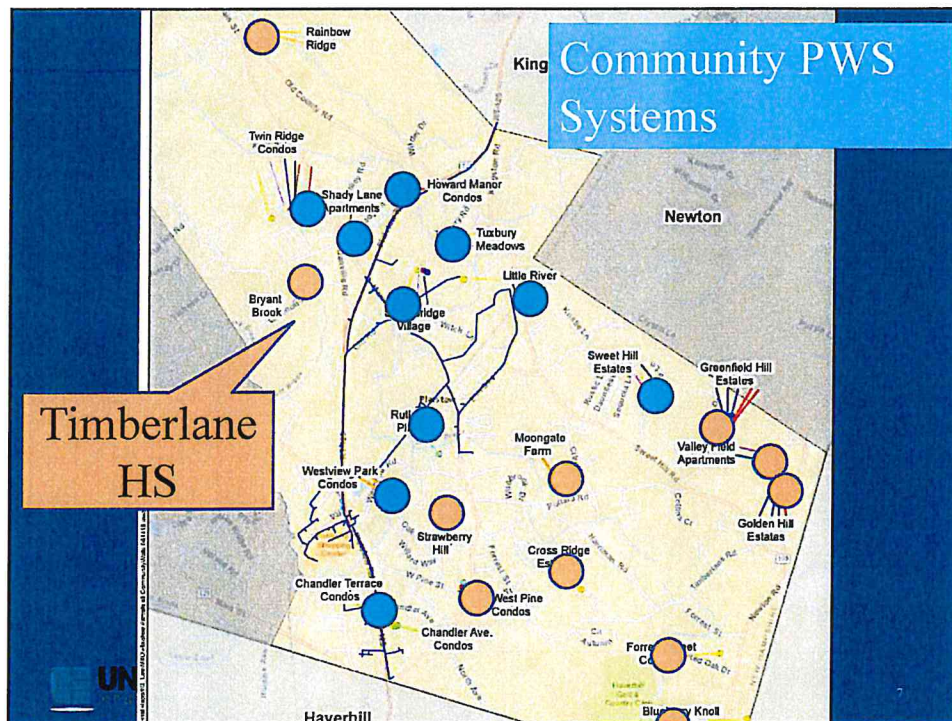
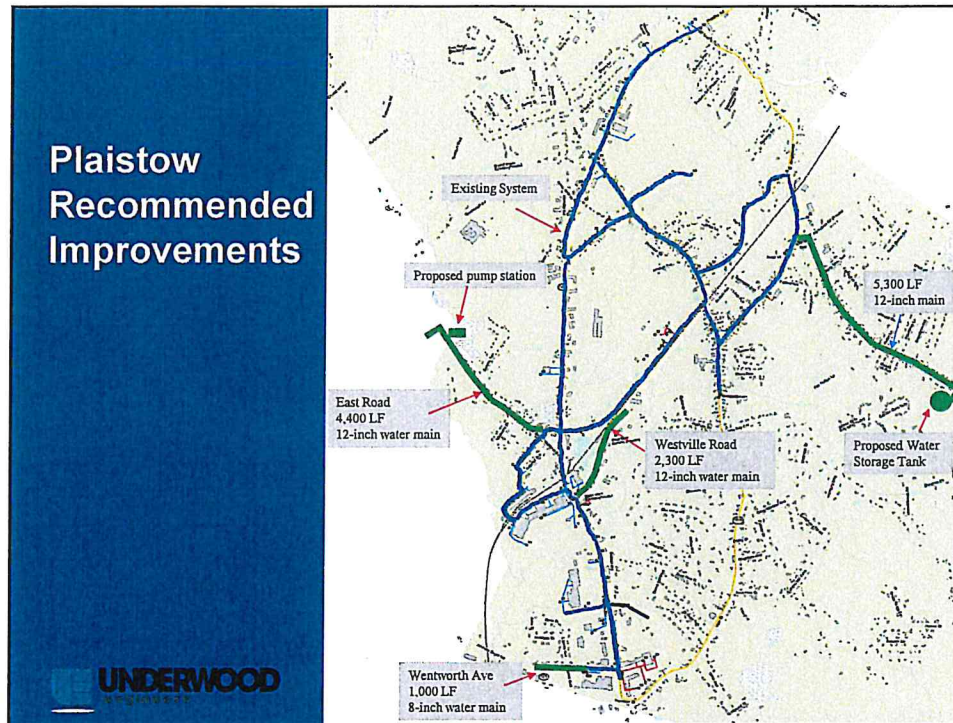
Need for Project

- Solve MtBE Issue – 55+ properties
 - Groundwater contamination for 30 years
- Provide a safe potable municipal drinking water supply system:
 - Reliable supply from regional options
 - Use the existing piping system designed for that purpose
 - Plan for other needs and the long-term



Need for Project



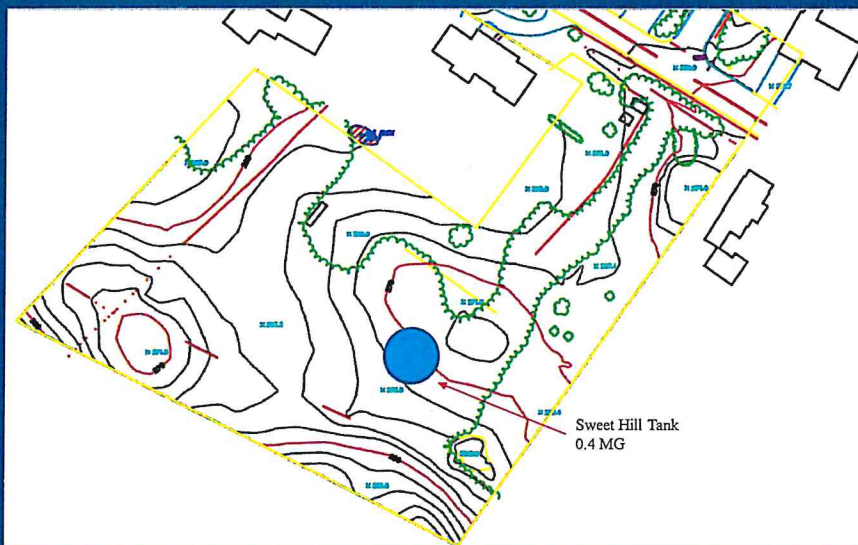


Sweet Hill Tank Sketch



UNDERWOOD
Singer

Sweet Hill Tank Survey



UNDERWOOD
Engineering

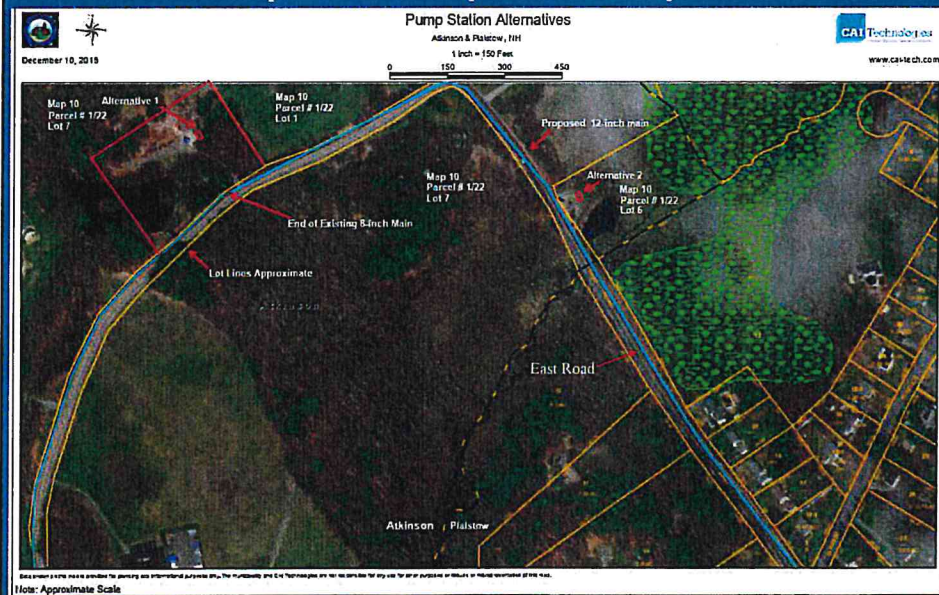
300,000 Gallon Tank Newport, NH



UNDERWOOD
ENGINEERS

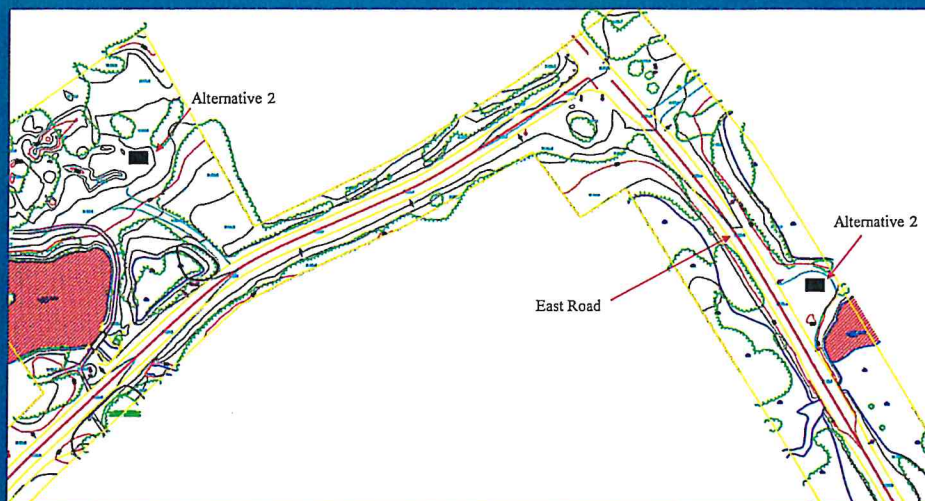
12

Proposed Pump Station Options



13

Pump Station Survey



UNDERWOOD
ENGINEERS

14

Rockingham Road Pump Station Derry, NH



UNDERWOOD
ENGINEERS

15

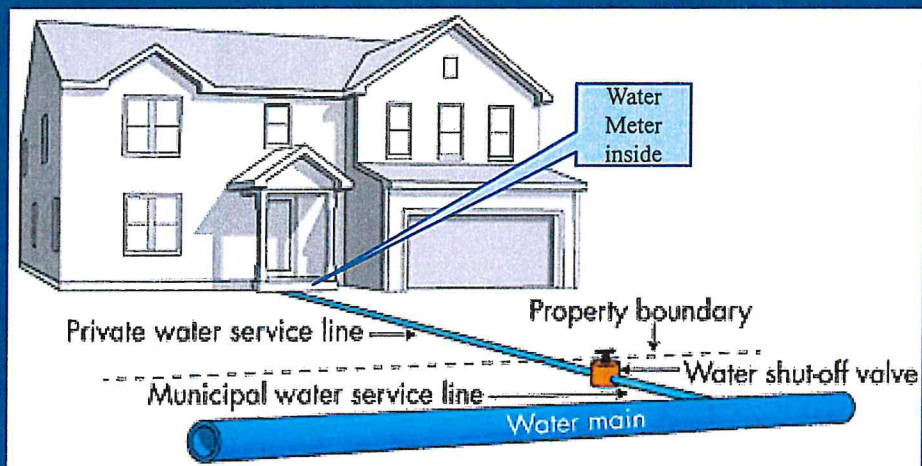
Rockingham Road Pump Station Derry, NH



UNDERWOOD
A CH2M HILL COMPANY

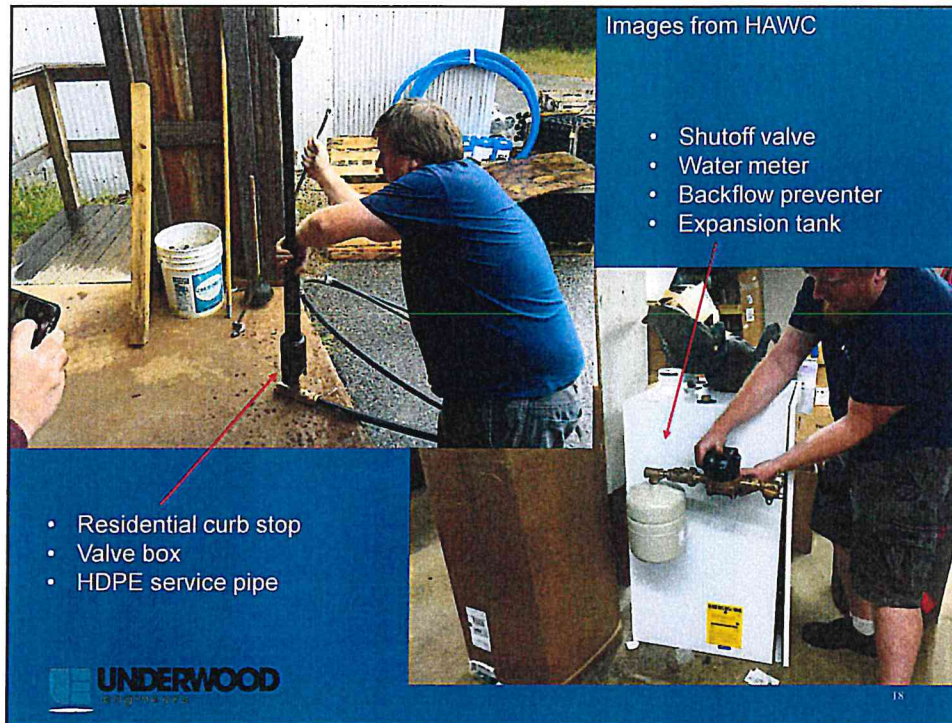
16

Typical Water Service



UNDERWOOD
A CH2M HILL COMPANY

17



Opinion of Cost Covered by Grant

- Pumping Station and Meter
- 12" Water Transmission Main
 - 4,400 feet on East Road
 - 5,300 feet on Sweet Hill Road
- 8" Water Transmission Main
 - 2,300 feet on Westville Road
 - 1,000 feet on Wentworth Avenue
- 400,000 gallon Water Storage Tank on Sweet Hill Road
- 56 MtBE Service Connections
- System start-up and flushing
- MSDC Purchase

~\$7 Million

Phase 1 Plaistow Schedule Southern NH Regional Water Improvements

- Design – 2019
- Operations and Management - 2019
- Construction Start – 2020
 - Bidding Fall 2019
- System Online – 2021 or 2022



20

Questions?



21