

Southern New Hampshire Regional Water Project: Plaistow, NH



Project Update for Design and Construction Phase September 24th, 2020 from Underwood Engineers

P1: Water Main Extension

Contract P1 was awarded to DeFelice Corporation on August 7th. A preconstruction meeting with the Town, contractor, engineer, other utilities, and state regulatory agencies was held on August 13th.

The contractor has set up their staging area and is mobilizing and beginning to install pipe on Hale Spring Road. The contractor will install and test pipe on Hale Spring Road and continue working up Sweet Hill Road to the water storage tank. DeFelice plans to work on the watermain on Wentworth Ave and Westville Road later this fall.



Figure 1: DeFelice setting up their staging area at the end of Hale Spring Road near the intersection with Kingston Road.

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Figure 2: The contractor is beginning to install watermain on Hale Spring Road.

P2: East Road Pump Station

Underwood Engineers has completed survey, borings, and archaeological review at the pump station site. Revised environmental review documents have been submitted to NHDES, and wetland permit requirements are being investigated. Final design of the pump station is underway, and the project is expected to be advertised for bids this fall.

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P3: Sweet Hill Water Storage Tank

Contract P3 began construction in June by HAWSCO and their subcontractor DN Tanks. The site has been cleared and graded. Initial construction of the tank has been on schedule and is expected to be complete on October 4th. The foundation of the valve building has been poured and the contractor is working on mechanical fit ups. Construction will continue on the valve building and remaining site work over the next few months. Masonry of the valve building is expected to begin October 5th.



Figure 3: Drone photograph of tank construction.

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Figure 4: The water storage tank and valve building foundation.

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Figure 5: Contractors spraying shotcrete on the tank.

P4: Water Service Connections

NHDES has identified 83 MtBE impacted properties in Plaistow to date. Underwood Engineers (UE) has completed plumbing inspections for 45 of the 83 impacted properties and confirmed 2 sites are not interested in connecting and 1 site is a vacant lot not requiring a connection.

For sites inspected to date, UE has mailed out the proposed work plans for the water service connection to property owners for review. 26 of the water service connection plans have been approved by owners

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and UE is currently coordinating with the remaining 19 owners who have not responded to answer any questions or concerns.

UE is to continue coordinating with the owners of the remaining 35 MtBE impacted properties this Fall to schedule plumbing inspections and design a proposed water service connection to each property.

Other Project News:

UE's investigations into SRF funding to assist financing of service connections are anticipated to be completed by the end of the year. Efforts to select a contract operator will begin again around the beginning of 2021.

A handwritten signature in cursive script, reading "Eugene Forbes", is positioned above a horizontal line.

Eugene Forbes, PE
Project Manager

September 24, 2020