

Southern New Hampshire Regional Water Project: Plaistow, NH



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

P1: Water Main Extension

The contractor, DeFelice, has installed all watermain and hydrants on Hale Spring Road, Sweet Hill Road, and Westville Road excluding the water services. There is still minor cleanup, paving, and watermain testing to do on these roads. DeFelice completed the tie-in to the Sweet Hill Road Tank Site on November 3rd.

DeFelice plans to start installing watermain on Wentworth Avenue on November 30th.



Figure 1: DeFelice installing the tie-in at the tank site.



Figure 2: DeFelice installing watermain on Westville Road.

P2: East Road Pump Station

Underwood Engineers (UE) submitted a 90% design submittal to NHDES on November 3rd. UE is working toward 100% project documents.

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P3: Sweet Hill Water Storage Tank

The tank was filled the week of November 9th and was drained after passing the 24-hour leak test. To protect the tank through the winter 4 feet of water was left in the tank and the tank was backfilled.

The contractor, HAWSCO, is working on yard piping and utility installation. HAWSCO has installed the hydrant, watermain, and underground electrical conduit to the valve building and tank. Final outdoor restoration of the site may be done by the end of the year, weather depending.

The valve building is under construction. The mason finished the brick veneer of the valve building. The carpenters are onsite and expect to install the trusses and the roof by the end of the month. Interior electrical work can occur after the building is enclosed.



Figure 3: Valve Building Masonry



Figure 4: The tank overflow during filling.

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P4: Water Service Connections

Out of the 83 MtBE impacted sites, Underwood Engineers has completed 59 property plumbing inspections and determined 6 properties are not interested in a connection or are open lots not requiring a connection. UE is coordinating plumbing inspections with the 16 remaining properties, 2 of which are currently scheduled for December.

Underwood Engineers is currently designing and drafting the service connection plans for the 15 home plumbing inspections that have occurred since October. Of the 44 design plans that have been completed, UE has received authorization from 31 property owners. UE is still coordinating with the 13 property owners that have not yet signed the memorandum of understanding.

Other Project News:

Underwood Engineers has drafted an RFP for contract operations. The RFP is under review by the Town and will be sent to the state for review.

Eugene Forbes, PE
Project Manager

November 24, 2020