

Fire Pumper Truck Made Hard Test

Seagrave Apparatus Pumped Water At 145 lbs. Pressure Through 1700 ft. Hose

Laying 1700 feet of hose to the river at its farthest point from the Main street, the Waterbury Fire Department used a 500 gallon Seagrave demonstrator pumper and pumped water at a pressure of 145 pounds last evening in front of the Waterbury Inn.

The results of the test were highly satisfactory to those interested in proving the practicability of the purchase of a fire pumper truck to add to the present facilities of the fire department owned by the Village of Waterbury. The point opposite the Inn was selected as the most difficult test which could be made in the village, the river swinging in at both ends of the town in such a way that a great deal less hose would be used in almost any other location.

Inasmuch as the friction loss of water passing through fire hose is 10 pounds per 100 feet, the results obtained last evening were most reassuring, it having previously been doubted by some that an effective stream could be pumped to all parts of the village from available streams. Sufficient pressure was obtained during the demonstration to throw a stream over the Waterbury Inn.

Several different hook-ups were tried out during the demonstration and a record kept of the results. Using 1700 feet of hose to one $\frac{3}{4}$ in. nozzle a pressure of 95 pounds was obtained, delivering 221 gallons of water per minute. Using 1600 feet of hose with Y to two nozzles, 263 gallons of water were delivered per minute. A final test with 1700 feet of hose and one $\frac{3}{4}$ in. nozzle delivered 197 gallons of water per minute at a pressure of 145 pounds. Water was pumped over a 15 foot lift at draft.

The Seagrave pumper used last evening left Waterbury today for demonstrations in other towns and within a few days a Maxin pumper is expected here, possibly for the Fourth, when further tests will be made demonstrating practicable hook-ups with pumper apparatus for more adequate fire protection for Waterbury.