



Big Water Operations

Drafting Through 60-ft of
Suction Hose
Amenia, NY



Facts & Figures...

- We don't know much this operation. The photos are from the archives of Larry Davis - as are the comments.
- We do know that the photos were taken at what looks like to be a tanker drill in Amenia, New York – however, we don't know the time frame other than they are photographs scanned into digital format.
- It looks like the highlight of the presentation is the fact that 60-feet of 5-inch suction hose was used to reach the water source.
- This presentation reinforces one of the basic principles of drafting in that it is lift, not distance that significantly affects a pumper's ability to draft.



Fill site

5" Manifold from Draft Pumper



3-man fill crew



Three 3" fill lines from Manifold



Draft Pumper supplies 300 ft 5"



Drafting Operation

1000-gpm pumper, 6-ft lift, 60-ft of 5" suction









Review

- While we don't know much about the drill we do see an older pumper supplying 5-inch hose even though the pumper has a bed of 2-1/2" or 3" hose. This of course improves the efficiency of that pumper.
- We also see that 60-feet of suction hose is used to reach a water source that a pumper could not easily access. This reinforces the practice of carrying more than 20-feet of suction hose; a practice used by many rural departments.



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