

§ 305-2.12. Well performance tests.

A log of the well, showing depth and type of overburden, depth of casing installed below surface grade, diameter of casing and diameter of the hole in the rock, static water level and the pumping rate which can be sustained for at least four hours, at a constant drawdown depth.

- A. A pump test shall be made with the faucet open to waste for a four-hour constant pumping period using a pump capable of producing a flow rate at least twice that specified in Subsection G below.
- B. In the event the well is exhausted during the initial four-hour pump testing period, the faucet shall be so regulated after suitable well recovery (of not more than 30 minutes) in order to allow pumping at a constant rate for an additional four hours at a constant drawdown depth to determine the yield.
- C. A sustained pumping rate of two gallons per minute for a four-hour period shall be the minimum rate.
- D. The well (after pump testing) shall recover to within 95% of the original static water level within a twenty-four-hour period.
- E. Testing and evidence to show satisfactory well yield and recovery shall be demonstrated in the presence of the agent for the Board of Health.
- F. The results of all testing shall be submitted on an approved form to the Board of Health for approval, and the well contractor shall be responsible for all data submitted.
- G. Quantity tests shall be performed by competent pump or well-drilling contractors, and a well shall produce a supply for each dwelling unit served by an on-site well as follows:

Well Drawing Depth (minimum)	Well Yield GPM: 4 Hrs.
To 100 feet	5
100 feet to 200 feet	4
200 feet to 300 feet	3
300 feet and over	2

- H. Well flushing shall be performed only as necessary and only by certified well drillers or other well management professionals. Board of Health approval is required prior to flushing a well for more than 12 hours in total. The Board of Health may impose additional requirements for flushing that exceeds 12 hours in total.