

Procedure for Well Construction

1. Obtain a Permit for Well Construction from the Board of Health. Give the well driller the *Well Pump and Data Form* given at the time the permit is issued.
2. After the well is drilled, the well should be completely flushed to clean out any impurities and avoid a water sample that does not meet the local requirements.
3. The *Well Driller* shall call the Board of Health office to schedule a 4-hour pump test with the Health Agent. This will be scheduled at a mutually convenient time.
4. Following the pump test, the well driller shall complete and submit to the Board of Health the local copy of the State *Well Completion Form* and the local *Well and Pump Data Form* (see #1 above).
5. FIRST ROUND OF WATER ANALYSIS TESTING - FROM THE WELL HEAD: The well driller will take the first water sample from the wellhead following the pump test, which should be indicated on the laboratory report. The following bacteriological and chemical analyses must be performed by a Massachusetts DEP certified laboratory, and the results submitted to the Board of Health:

Total Coliform Bacteria	Total Iron	Arsenic
Heterotrophic Plate Count	Manganese	Total Hardness
Ammonia Nitrogen	Color	Total Alkalinity
Nitrite Nitrogen	Turbidity	Lead
Nitrate Nitrogen	Odor	Sodium
Chloride	pH	PFAS
Arsenic		Volatile Organic Compounds (EPA 524)

THE WELL SHOULD NOT BE CONNECTED TO THE HOUSE UNTIL THE ITEMS LISTED IN #4 AND #5 ABOVE HAVE BEEN SUBMITTED TO THE BOARD OF HEALTH AND APPROVED BY THE AGENT.

6. Submit the water quality test results from the wellhead water testing. *Should the report indicate any parameter exceeds the local requirements (See §305-2.17), additional testing shall be completed and submitted.* The well driller may only connect the well to the house following approval from the health agent.

7. SECOND ROUND OF WATER ANALYSIS TESTING-FROM TAP IN HOUSE:

The well driller should first flush the pipes to clean out any impurities that may have been introduced during the construction process before taking a sample from a tap within the house and have it tested for the same bacteriological and chemical analyses as stated in #5 above, and the results should be submitted to the Board of Health. *Be sure the laboratory indicates on the analysis report the location from which the water sample was taken i.e. kitchen tap.* The Health Agent will review the analysis report for compliance with §305-2.17. *Should any parameter exceeds the local requirements, additional testing shall be completed, submitted, and approved before the well is approved for use.*

THE HEALTH AGENT WILL ISSUE FINAL WELL APPROVAL FOLLOWING RECEIPT OF ALL REQUIRED FORMS AND ACCEPTABLE WATER ANALYSIS REPORTS.

If this is a replacement well, the existing well is to be abandoned by a licensed well driller. See §305-2.15 for well abandonment procedures.