

Well Requirements

These regulations are made pursuant to Ch.111 of the MGL Sec. 31 to procure sufficient and safe water for the residents of North Brookfield and to protect the public health.

Before a permit to construct, dig, or drill a well is issued, the applicant shall supply a sketch or plan showing nearby roads, buildings, proposed buildings, nearby septic systems and any other pertinent information, to scale.

Prior to issuance of a building permit, a report shall be submitted to the Board of Health from a certified laboratory showing results of tests for the following:

- | | |
|-------------------------|----------------------------|
| 1. Coliform Bacteria | 16. Nitrate |
| 2. Fecal Bacteria | 17. Ammonia |
| 3. Standard Plate Count | 18. Sulfate |
| 4. Sodium | 19. PH |
| 5. Potassium | 20. Conductivity |
| 6. Copper | 21. Sediment |
| 7. Iron | 22. Total Dissolved Solids |
| 8. Manganese | 23. Color |
| 9. Magnesium | 24. Odor |
| 10. Calcium | 25. Turbidity |
| 11. Alkalinity | 26. Arsenic |
| 12. Chlorine | 27. Lead |
| 13. Chloride | 28. MBAS |
| 14. Hardness | 29. Silica |
| 15. Nitrite | 30. Vocs |

These are the minimum tests required on all new wells. The well report must be signed by the Health Agent and any recommended filtration or treatment must be compiled with before occupancy. The results of these tests must meet accepted U.S. Public Health Service Standards for drinking water.

The original well report must be submitted for approval, when stamped, it will be returned to owner. Copies will not be accepted.

Prior to use of well or issuance of a Building Permit, a report must be submitted to the Board of Health stating that a pump test has been performed and that the results are greater than or equal to 5 (five) gallons per minute for 4 (four) hours.

Any time a well is constructed, opened repaired, deepened or allowed to be subject to contamination, it shall be disinfected, using a suitable amount of chlorine or approved product. The entire water system shall be disinfected by drawing water through all fixtures.

All wells must conform with Title V of the State Environmental Code:

1. Well must be at least 50 feet from any septic tank.
2. Well must be a least 100 feet from any leaching facility.
3. It is suggested that the water lines be 10 feet from and 18 inches above any disposal area. Whenever water and sewer lines must cross, both lines must be constructed of class 150 pressure pipe and should be pressure tested to assure watertightness.
4. Distance to property line, 10'.
5. Distance to driveway, 15'.
6. Distance to street, 25'.
7. Distance to any building, 20'.

Penalties for violation of any provision of these regulations shall be provided for in MGL, Ch.111, Sec. 31.

The Board of Health may vary any provision of these regulations with respect to any particular case, when in its opinion, (1) the enforcement thereof would do manifest injustice, and (2) the applicant has proved that the same degree of protection can be achieved without strict application of the particular provision. All variances shall be considered at a hearing by the Board of Health.

Each regulation shall be construed as separate to the end that if any regulation or sentence, clause or phrase thereof shall be held invalid for any reason, the remainder of that regulation and all other regulations shall continue in full force.