



Town of Dedham
Board of Health
26 Bryant St.
Dedham, MA 02026
(781) 751- 9220
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www.dedham-ma.gov



PART IV

PRIVATE WATER SUPPLIES/ GEO-THERMAL WELLS

Section:

- 4.01 Scope of Regulation
- 4.02 Installation of Wells
- 4.03 Potability Standards
- 4.05 Existing Wells
- 4.06 Irrigation/ Geo-Thermal testing**
- 4.07 Aquifer Protection District**
- 4.08 Fees**

4.01 Scope of Regulations:

This Part is intended to establish minimum standards for the installation and use of private wells for potable water, **irrigation, and geo-thermal** wells within The Town of Dedham. This Part shall not apply to Public Water Supplies which are subject to comprehensive State regulation such as those of the Dedham-Westwood Water District.

4.02 Installation of Wells:

No well shall be installed in the Town of Dedham except by a well drilling contractor licensed by the Board of Health and by the Commonwealth of Massachusetts pursuant to the State Environmental Code. The licensed well drilling contractor shall apply to the Board of Health for each permit to drill a well and such application for a permit shall be accompanied by a plot plan showing the proposed location of the well and showing the locations of the nearest roadways, septic systems, buildings and wetlands as well as the legal boundaries of the lot in which the well is to be drilled. Each well must be at least 100 feet from any septic system, 50 feet from any watercourse, pond or drainage ditch and 25 feet from the property lines. There shall be a separate **potable** well for each building of up to two dwelling units. Private wells are not regarded as suitable water supplies for any commercial building except for warehouse, storage and manufacturing establishments having no more than 15 employees present at any time during normal operations. **All Geo-Thermal wells must have a UIC registration from DEP prior to review from the Board of Health.**



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4.03: Potability Standards:

No well for the purpose of supplying potable water shall be connected to the water distribution system of any structure until a Certificate of compliance has been issued for such well by the Dedham Board of Health. A complete chemical and bacteriological analysis must be taken on each well intended to supply water for human consumption. Testing shall be made at the owners expense by a laboratory approved by the Board of Health and the Board shall be provided with a copy of the report of analysis. The Health Agent shall approve any well which meets the potability standards for public water supplies set forth in the State Environmental Code. Any well not meeting such minimum standards may be approved by the full Board of Health upon a substantial showing that the applicant proposes a plan of remediation and abatement of the contaminant(s) sufficient to render the water safe for human consumption. Such approval may impose conditions upon the use of the well for potable water.

4.04 Access to Public Water Supply:

No application for a private well shall be approved if public water supplies are available within 400 feet of the proposed structure to be served. Said distance shall be measured as the shortest linear distance that the applicant could legally traverse through his own property, public or private ways and utility easements available for use by the applicant.

4.05 Existing Wells:

No regulation in this part shall affect the continued use of existing wells actually used as sources of potable water on January 1, 1990. However, repair or replacement of existing wells will be governed by these regulations and any regulations enacted by the Commonwealth in Title VI of the State Environmental Code. The location of all existing wells shall be reported to the Board of Health on or before June 30, 1991. The Board shall maintain a register of the location of all private wells reported to the Board.

4.06: Irrigation and Geo-Thermal Standards:

No well for the purpose of irrigation or geo-thermal shall be connected to the water distribution system of any structure until a Certificate of compliance has been issued for such well by the Dedham Board of Health. A chemical analysis must be taken on each well. Testing shall be made at the owners expense by a laboratory approved by the Board of Health and the Board shall be provided with a copy of the report of analysis.



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4.07 Aquifer Protection District:

Private wells for irrigation be prohibited from the Aquifer Protection District boundaries as delineated in Section 11-6 of the Dedham Zoning By-Laws.

Geo-Thermal wells for heating and cooling are also prohibited from the Aquifer Protection District.

4.08 Fees:

Potable/ Irrigation \$75.00

Geo-Thermal Well residential \$150.00

Geo-Thermal Well Commercial \$250.00

***Bolded areas are amendments to Well Regulations 3/06/2007**

These regulations will be effective immediately upon the Boards approval.

Leanne Jasset, Chairman

Mary Ellard, Member

Dr. Michael O'Leary, Member