



TOWN OF BELLINGHAM

OFFICE OF THE BOARD OF HEALTH

Bellingham, Massachusetts 02019

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REGULATIONS FOR PRIVATE WELLS

BOH REG. 6/92

MAY 4, 1992

These regulations are adopted by the Bellingham Board of Health, as authorized by Massachusetts General Laws, Chapter III, section 31, and are intended to protect the public health and general welfare by ensuring that private wells are constructed in a manner which will protect the quality of the groundwater derived from the private wells.

I. DEFINITIONS

Agent: Any person designated and authorized by the Board to execute these regulations. The agent shall have all the authority of the appointing Board and shall be directly responsible to the Board and under its direction and control.

Applicant: Any person who intends to have a private well constructed.

Board: The Board of Health of Bellingham, Massachusetts, or its authorized agent.

Business of Digging or Drilling: A person who charges a fee for digging or drilling a well, or a person who advertises for hire the availability to dig or drill wells within the Commonwealth of Massachusetts.

Certified Laboratory: Any laboratory which has full certification by the Department of Environmental Protection as provided in the most recent edition of: "Certification Status of Commercial Environmental Laboratories".

Person: An individual, corporation, company, association, trust, or partnership.

Private Well: Any dug, driven, or drilled hole, with a depth greater than its largest surface diameter developed to supply water intended and/or used for human consumption and not subject to regulation by 310CMR 22.00.

Pumping Test: A procedure used to determine the characteristics of a well and adjacent aquifer by installing and operating a pump.

Registered Well Driller: Any person registered with the Department of Environmental Management/Division of Water Resources to dig or drill wells in the Commonwealth of Massachusetts.

Static Water Level: The level of water in a well under non-pumping conditions.

Structure: A combination of materials assembled at a fixed location to give support or shelter, such as a building, framework, retaining wall, fence, or the like.

II. WELL CONSTRUCTION PERMIT

The property owner or his designated representative shall obtain a permit from the Board of Health prior to the commencement of construction of a private well.

Each permit application to construct a well shall include the following:

- (1) The property owner's name and address
- (2) The well driller's name and proof of valid state registration
- (3) A plan with a specified scale, signed by a registered surveyor or engineer, showing the location of the proposed well in relation to existing or proposed above or below ground structures
- (4) A description and location of visible prior and current well location, including but not limited to the following:
 - (a) Existing and proposed structures
 - (b) Subsurface sewage disposal systems
 - (c) Subsurface fuel storage tanks
 - (d) Public ways
 - (e) Utility rights-of-way
 - (f) Any other potential sources of pollution
- (5) Proof that the owner of any property abutting the applicant's property has been notified of the applicant's intention to install a well.
- (6) A permit fee for this permit shall be set from time to time by the Board of Health and must be submitted with the application to construct a well.

The permit shall be on site at all times that work is taking place. Each permit shall expire one (1) year from the date of issuance unless revoked for cause. Permits may be extended for one additional six (6) month period provided that a written request is received by the Board prior to the one-year expiration date. No additional fee shall be charged for a permit extension, provided there is no change in the plans for the proposed well.

III. WATER SUPPLY CERTIFICATE

The issuance of a Water Supply Certificate by the Board shall certify that the private well may be used as a drinking water supply. A Water Supply Certificate must be issued for the use of a private well prior to the approval of an occupancy permit by the Board of Health for an existing structure, or prior to the approval of a building permit by the Board of Health for new construction which is to be served by the well.

The following shall be submitted to the Board of Health to obtain a Water Supply Certificate:

- (1) A well construction permit
- (2) A copy of the Water Well Completion Report, required by the Division of Water Resources (CMR 313, section 3.00)
- (3) A copy of the Pumping Test Report, required pursuant to Section V of these regulations
- (4) A copy of the Water Quality Report, required pursuant to Section VI of these regulations

Upon the receipt and review of the above documents, the Board shall make a final decision on the application for a Water Supply Certificate. A final decision shall be in writing and shall comprise one of the following actions:

- (1) Issue a Water Supply Certificate
- (2) Deny the applicant a Water Supply Certificate and specify the reasons for the denial.

- (3) Issue a conditional Water Supply Certificate with those conditions which the Board deems necessary to ensure fitness, purity and quantity of the water derived from that private well. Said conditions may include, but not be limited to requiring treatment or additional testing of the water.

IV. WELL LOCATION AND USE REQUIREMENTS:

In locating a well, the applicant shall identify all potential sources of contamination which exist or are proposed within two hundred (200) feet of the site. When possible, the well shall be located upgradient of all potential sources of contamination and shall be as far removed from potential sources of contamination as possible, given the layout of the premises.

Each private well shall be accessible for repair, maintenance, testing, and inspection. The well shall be completed in a water bearing formation that will produce the required quantity of water under normal operating conditions.

Each private well shall be located at least ten feet from any property line. The centerline of a well shall, if expended vertically, clear any projection from an adjacent structure by at least five feet.

All private wells shall be located a minimum of 25 feet from the normal driving surface of any public roadway or a minimum of 15 feet from the road right-of-way, whichever is greater.

Each private well shall be located at least 25 feet, laterally, from the normal high-water mark of any lake, pond, river, stream, ditch, or slough. When possible, private water systems shall be located in areas above the 100-year floodplain.

A suction line or well shall be located a minimum of 10 feet from a building sewer constructed of durable corrosion resistant material with watertight joints, or 50 feet from a building sewer constructed of any other type of pipe; 50 feet from a septic tank; 100 feet from a leaching field; and 100 feet from a privy.

Water supply lines shall be installed at least 10 feet from and 18 inches above any sewer line. Whenever water supply lines must cross sewer lines, both pipes shall be constructed of class 150 pressure pipe and shall be pressure tested to assure watertightness.

The Board reserves the right to impose minimum lateral distance requirements from other potential sources of contamination not listed above. All such special well location requirements shall be listed, in writing, as a condition of the well construction permit.

No private well, or its associated distribution system, shall be connected to either the distribution system of a public water supply system or any type of waste distribution system.

V. WATER QUANTITY REQUIREMENTS

The applicant shall submit to the Board for review and approval a Pumping Test Report. The Pumping Test Report shall include the name and address of the well owner, well location, referenced to at least two permanent structures or landmarks, date the pumping test was performed, depth at which the pump was set for the test, location of the discharge line, static water level immediately before pumping commenced, discharge rate and, if applicable, the time discharge rate changed, pumping water levels and respective times after pumping commenced, maximum drawdown during the test, duration of the test, including both the pumping time, and the recovery time during which measurements were taken, recovery water levels, and respective times after cessation of pumping, and reference point used for all measurements.

The pumping test must demonstrate adequate volume of water for the needs of the property.

The pumping test may be performed at whatever rate is desired. Following the pumping test, the water level in the well must be shown to recover to within eighty-five (85) percent of the prepumped static water level within a twenty-four (24) hour period.

Quantity of yield tests and water level recovery shall be performed by a licensed pump or well drilling contractor and a well shall produce a minimum supply for each dwelling unit served by an on-site well as follows:

WELL DEPTH	GALLONS PER MINUTE – FOUR HOURS
100 to 150 feet	5 to 8 GPM
150 to 200 feet	3 to 5 GPM
250 to 350 feet	2 to 3 GPM
350 to 400 feet	NO less than 2 GPM
400 feet plus	NO less than 2 GPM

VI. WATER QUALITY TESTING REQUIREMENTS

After the well has been completed and disinfected, prior to using it as a drinking water supply, a water quality test shall be conducted.

A water sample shall be collected either after purging three well volumes or following the stabilization of the PH, temperature, and specific conductance in the pumped well. The water sample to be tested shall be collected at the pump discharge or from a disinfected tap in the pump discharge line. In no event shall a water treatment device be installed prior to sampling.

The water quality test, utilizing EPA approved methods for drinking water testing and not methods used for analyzing wastewater, shall be conducted by a certified laboratory and shall include analysis for the following parameters:

A.

PARAMETER	MAXIMUM ACCEPTABLE LIMIT
Coliform bacteria	1/100 ml
Nitrogen (nitrate)	10 mg/L
Turbidity	1 turbidity unit
Benzene	0.005 mg/L
Carbon tetrachloride	0.005 mg/L
Para-dichlorobenzene	0.005 mg/L
1, 2 dichloroethane	0.005 mg/L
1, 1 dichloroethylene	0.007 mg/L
1, 1, 1 trichloroethane	0.20 mg/L
Trichloroethylene	0.005 mg/L
Vinyl chloride	0.002 mg/L

B. Sodium greater than 20 mg/L is of concern to persons on low sodium diets

C. Indicator Parameters:

PARAMETER	RECOMMENDED UPPER LIMIT	RECOMMENDED LOWER LIMIT
Alkalinity	100 mg/L	30 mg/L
Calcium	150 mg/L	50 mg/L
Chloride	250 mg/L	
Color	15 color units	
Copper	1 mg/L	
Hardness	200 mg/L	50 mg/L
Iron	0.3 mg/L	
Magnesium	relative scale	
Manganese	0.05 mg/L	
Nitrogen (ammonia)	0.1 mg/L	0.015 mg/L
Nitrogen (nitrite)	1 mg/L	
Odor	3 threshold odor number	
PH	8.5	6.5
Potassium	relative scale	
Sediment	visual observation	
Sulfate	250 mg/L	
Total dissolved solids	500 mg/L	

Following a receipt of the water quality test results, the applicant shall submit a Water Quality Report to the Board which includes:

- (1) A copy of the certified laboratory's test results
- (2) The name of the individual who performed the sampling
- (3) Where in the system the water sample was obtained

A minimum of two (2) water samples shall be submitted to a state laboratory for analysis. One sample shall be taken when the well installation is complete, and one sample shall be taken from a tap in the structure before occupancy. All results shall be submitted to the Board of Health for approval.

The Board reserves the right to require retesting of the above parameters, or testing for additional parameters when, in the opinion of the Board, it is necessary due to local conditions or for the protection of the public health, safety, and welfare. All costs and laboratory arrangements for the water testing are the responsibility of the applicant.

The Board will require that a water quality test be conducted any time that the property on which the well is located changes ownership.

Wells that have been out of service for one or more years will be re-tested before they may be used.

VII. WELL CONSTRUCTION REQUIREMENTS

Pursuant to 313 CMR 3.00, no person in the business of digging or drilling shall construct a well unless registered with the Department of Environmental Management/Division of Water Resources.

Any work involving the connection of the private well to the distribution system of the residence must conform to the local plumbing code. All electrical connections between the well and the pump controls and all piping between the well and the storage and/or pressure tank in the house must be made by a pump installer or registered well driller, including the installation of the pump and appurtenance in the well or house.

A physical connection is not permitted between a water supply which satisfies the requirements of these regulations and another supply that does not meet the requirements of these regulations without prior approval of the Board.

A. General Well Design and Construction

All private water supply wells shall be designed such that:

- (1) The materials used for the permanent construction are durable in the specific hydrogeologic environment that occurs at the well site
- (2) No unsealed openings will be left around the well that could conduct surface water or contaminated groundwater vertically to the intake portion of the well or transfer water from one formation to another

Permanent construction materials shall not impart toxic substances, taste, odors, or bacterial contamination to the water in the well.

The driller shall operate all equipment according to generally accepted standards in the industry and shall take appropriate precautions to prevent damage, injury, or other loss to persons and property at the drilling site.

Well construction design shall insure that surface water does not enter the well through the opening or by seepage through the ground surface. Construction site waste and materials shall be disposed of in such a way as to avoid contamination of the well and the aquifer. During any time that the well is unattended, the contractor shall secure the well in a way as to prevent either tampering with the well or the introduction of foreign material into the well.

Well yield shall be measured and recorded at least every fifty feet during drilling.

All water used for drilling, well development, or to mix a drilling fluid shall be obtained from a source which will not result in contamination of the well or the water bearing zones penetrated by the well. Water shall be conveyed in clean sanitary containers or water lines and shall be Chlorinated to initial concentration between 50 mg/L and 100 mg/L. A free-chlorine residual of 10 mg/L shall be maintained in any water used at the drill site. Water from wetlands, swamps, ponds, and other similar surface features shall not be used.

All drilling equipment, including pumps and down hole tools, shall be cleaned and disinfected prior to drilling each new well or test hole.

All drilling fluids shall be nontoxic. Drilling fluid additives shall be stored in clean containers and shall be free of material that may adversely affect the well, the aquifer, or the quality of the water to be pumped from the well, surfactants should be biodegradable. The use of biodegradable organic polymers shall, when possible, be avoided.

All wells, including those that have been hydrofractured, shall be developed in order to remove fine materials introduced into the pore spaces or fractures during construction. One or more of the following methods shall be used for development: overpumping, backwashing, surging, jetting, air-lift pumping.

The completed well shall be sufficiently straight so that there will be no interference with installation, alignment, operation or future removal of the permanent well pump.

B. Well Casing

Private water supply wells shall be constructed using either steel or thermoplastic well casing. The casing shall be of adequate strength and durability to withstand anticipated formation and hydrostatic pressures; the forces imposed on it during installation; and the corrosive effects of the local hydrogeologic environment.

Steel casing shall be used with cable tool drilling or when the casing is installed in an open drillhole in which formation materials may suddenly collapse against the casing.

All casings used in the construction of private water supply wells shall be free of pits, breaks, gouges, deep scratches, and other defects. If previously used casing is installed, it shall be decontaminated and disinfected prior to installation.

Installation of water well casing shall be done in a manner that does not alter the shape, size, or strength of the casing and does not damage any of the joints or couplings connecting sections of the casing. A standard drive shoe shall be used when casing is installed. The drive shoe shall be either welded or threaded to the lower end of the string of casing and shall have a beveled metal cutting edge forged, cast, or fabricated for this specific purpose.

Upon completion of the installation procedure, the entire length of the casing above the intake shall be watertight.

For wells completed above grade, the casing shall extend at least 12 inches above the finished ground surface unless the well is located in a floodplain. For wells constructed in a floodplain, the casing shall extend at least two feet above the level of the highest recorded flood. The top of the casing shall be reasonably smooth and level.

1. Steel Casing

Steel casing shall consist of schedule 40 pipe that complies with materials standards approved by the American Water Works Association.

Segments of steel casing shall be coupled by using threaded casing, couplings, or by welding the joint. Recessed or reamed and drifted couplings shall be used on threaded casing and no threads shall be left exposed once the joint is completed. When welded casing joints are used, they shall conform to the most recent revision of AWWA C206, "Standards for Field Welding of Steel Water Pipe". The weld shall be at least as thick as the wall thickness of the well casing and shall be fully penetrating. When completed, a welded casing joint shall have a tensile strength equal to or greater than that of the casing.

2. Thermoplastic Casing

Thermoplastic casing used in the construction of private water supply wells shall be capable of withstanding pressures equal to or greater than 200 pounds per square inch and shall conform to the most recent revision of ASTM Standard F480, "Specification for Thermoplastic Water Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR)". In addition, the casing and couplings shall meet the requirements of the most recent revision of National Sanitation Foundation Standard Number 14, entitled "Plastics Piping System Components and Related Materials". Materials complying with Standard Number 14 can be recognized by the marking "NSF-WC".

Thermoplastic casing shall be stored in such a manner as to prevent deformation, sagging, or bending. Storage of thermoplastic casing and couplings in direct sunlight shall be avoided.

Thermoplastic casing shall be installed only in an oversized drillhole and shall not be driven, pushed, or forced into a formation. Thermoplastic casing shall be joined by mechanical means only. When pulling back thermoplastic well casing to expose a well screen, the force applied shall not exceed the casing weight.

Dug wells are not recommended except as a last resort.

3. Concrete Casing

Concrete water well casing consists of either precast concrete pipe or concrete which has been poured in-place. This type of casing shall be used only for the construction of dug wells.

Precast concrete pipe shall be at least three (3) inches thick, meet or exceed ASTM C67 Class III specifications, and be free of blemishes. Joints between pipe segments shall be sealed with a continuous, solid ring rubber gasket having a circular cross section with a diametrical tolerance of plus or minus one-sixty-fourth of an inch. Gaskets shall be of sufficient volume to substantially fill the recess provided when the pipe joint is assembled. (A properly sized gasket will form a pressure tight seal when it is compressed between the pipe segments.)

C. Well Screen

A well screen is necessary for all drilled wells that are completed in unconsolidated formations. Wells completed in bedrock do not require a screen unless the bedrock formation is brittle in nature or has a potential for collapse. The well screen aperture openings, screen length, and diameter shall be selected so as not to limit the aquifers' water yielding characteristics while preventing access of soil particles that would detract from well efficiency and yield.

D. Grouting and Sealing

Private wells drilled in bedrock shall be grouted from the top of the weathered rock interface to fifteen (15) feet into competent bedrock. Either neat cement grout or sand cement grout shall be used, and it shall be emplaced using standard grouting techniques as described in the DEP Private Well Guidelines.

All wells completed with the casing extending above grade shall have a surface seal designed to eliminate the possibility of surface water flowing down the annular space between the well casing and the surrounding backfilled materials. The surface seal shall extend to a depth below the local frost line.

E. Pumps and Pumping Equipment

All pumps shall be installed wither below the frost line with a pitless adapter or in some other heated and protected sanitary location. Above-ground pumps shall be installed in sheltered, dry, accessible locations and shall be protected from freezing.

Shallow-well pumps shall be installed as near the well or water source as possible to minimize suction lift.

Deep-well reciprocating pumps shall be installed directly over the well. Submersible and helical rotor pumps must be installed in the well. A deep-well jet pump may offset from the well.

F. Wellhead Completion

Well casing shall not be cut off below the land surface unless a pitless adapter or a pitless unit is installed; or an abandoned well is being permanently plugged. Well casing terminating above-ground shall extend at least 12 inches above the predetermined ground surface at the wellhead except when the well is located in a floodplain. When a well is located in a floodplain, the well casing shall extend at least 2 feet above the level of the highest recorded flood. The top of the well casing shall be reasonably smooth and level.

Any well, except a dug well, that does not terminate in the base of a pump shall be equipped with a sanitary seal or watertight cap designed to prevent surface water and foreign matter from entering the well. A flowing artesian well shall be equipped with a shut-off valve and backflow preventer so that the flow of water can be stopped completely when the well is not in use.

All wells except flowing artesian and dug wells shall be vented. The opening of the vent pipe shall be covered with a 24 mesh corrosion resistant screen and shall be large enough to prevent water from being drawn into the well through electrical conduits or leaks in the seal around the pump when the pump is turned on. The vent pipe shall terminate in a downward position at or above the top of the casing.

All connections to a well casing made below ground shall be protected by either a pitless adapter or a pitless unit that complies with the most recent revision of National Sanitation Foundation Standard Number 56, entitled "Pitless Well Adapters".

Above-grade connections into the top or side of a well casing shall be at least 12 inches above the established ground surface or two feet above the level of the highest known flood, whichever is higher. Above-grade connections shall be sealed so that they are watertight.

The ground immediately surrounding the well casing shall be sloped downward and away from the well in all directions to eliminate the possibility of surface water ponding.

The DEP Private Well Guidelines, section entitled "Wellhead Completion", contains illustrations and a more detailed discussion about wellhead completion including capping, venting, connections and grading.

G. Disinfection

Upon completion of well construction, the well contractor shall disinfect the well. If a pump is to be installed by the well contractor immediately upon completion of the well, the contractor shall disinfect the well and the pumping equipment after the pump has been installed.

If the pump is not installed upon completion of the well, the pump contractor shall, upon installation, disinfect the well and the pumping equipment. The pump contractor shall also disinfect the entire water supply system after any maintenance or repair work is done on the pump.

When a well is disinfected, the initial chlorine concentration shall be 100 mg/L throughout the entire water column.

For newly constructed or altered wells in which the pump is not immediately installed, the chlorine concentration used to disinfect the well shall be 100 mg/L. Upon installation of the pump, disinfection of the well, the pumping equipment, and the distribution system, if connected, shall be accomplished with a chlorine concentration of 100 mg/L.

The disinfectant solution shall remain, undisturbed, in the well for a minimum of two (2) hours. After all the chlorine has been flushed from the water supply system, a water sample shall be collected, and submitted to a state certified laboratory. For new wells, the sample shall be tested pursuant to Section VI of these regulations. For wells which have undergone repair, the sample shall be tested for coliform bacteria and any other parameters deemed appropriate by the Board.

VIII. DECOMMISSIONING REQUIREMENTS:

Abandoned wells, test holes, and borings shall be decommissioned so as to prevent the well, including the annular space outside the casing, from being a channel allowing the vertical movement of water.

The owner of the private well shall decommission the well if the well meets any of the following criteria:

- (1) Construction of the well is terminated prior to completion of the well.
- (2) The well owner notifies the Board that the use of the well is to be permanently discontinued.
- (3) The well has, after extended use, been out of service for at least three years.
- (4) The well is a potential hazard to public health or safety and the situation cannot be corrected.
- (5) The well is in such a state of disrepair that its continued use is impractical.
- (6) The well has the potential for transmitting contaminants from the land surface into an aquifer or from one aquifer to another and the situation cannot be corrected.

The property owner shall be responsible for ensuring that all abandoned wells and test holes or borings associated with private well installation are properly plugged. Only registered well drillers may plug abandoned wells, test holes, and borings.

In the case of new well construction, all test holes and borings shall be plugged before the well driller completes work at the site.

IX. ENFORCEMENT:

The Board shall investigate violations of these regulations and/or violations of any Water Supply Certificate conditions and may take such actions as the Board deems necessary for the protection of the public health and the enforcement of these regulations.

If an investigation reveals a violation of these regulations, or the Water Supply Certificate conditions, the Board shall order the private well owner to comply with the violated provision(s).

These orders shall be in writing and served in the following manner: (a) personally, by any person authorized to serve civil process, or; (b) by any person authorized to serve civic process by leaving a copy of the order at the well owner's last and usual place of abode, or; (c) by sending the well owner a copy of the order by registered or certified mail, return receipt requested, if the well owner is within the Commonwealth, or; (d) if the well owner's last and usual place of abode is unknown or outside the Commonwealth, by posting a copy of the order in a conspicuous place on or about the premises and by advertising it for at least three out of five consecutive days in one or more newspapers of general circulation within the municipality wherein the private well affected is situated.

X. HEARING:

The private well owner to whom any order has been served may request a hearing before the Board by filing with the Board within 7 days after the day the order was served, a written petition requesting a hearing on the matter. Upon receipt of such petition, the Board shall set a time and place for such hearing and shall inform the well owner thereof in writing. The hearing shall be commenced not later than 30 days after the day on which the order was served. The Board, upon application of the well owner, may postpone the date of hearing for a reasonable time beyond such 30-day period if in the judgement of the Board the well owner has submitted a good and sufficient reason for such postponement. At the hearing the well owner shall be given an opportunity to be heard and to show why the order should be modified or withdrawn. After the hearing, the Board shall sustain, modify, or withdraw the order and shall inform the well owner in writing of its decision. If the Board sustains or modifies the order, it shall be carried out within the time period allotted in the original order or in the modification.

Every notice, order, or other record prepared by the Board in connection with the hearing shall be entered as a matter of public record in the office of the Clerk of the Town of Bellingham, or in the Board of Health office.

If a written petition for a hearing is not filed with the Board within 7 days after the day an order has been served or if after a hearing, the order has been sustained in any part, each day's failure to comply with the order as issued or modified shall constitute an additional offense.

XI. APPEAL:

Any person aggrieved by the final decision of the Board may seek relief therefrom within (30) days in any court of competent jurisdiction, as provided by the laws of this Commonwealth.

XII. PENALTIES:

Any person who violates any provision of these regulations, or who fails to comply with any order by the Board, for which a penalty is not otherwise provided in any of the General Laws shall upon conviction be fined not less than ten nor more than five hundred dollars. Each day's failure to comply with an order shall constitute a separate violation.

XIII. VARIANCE:

The Board may, after a public hearing, grant a variance to the application of these regulations when, in its opinion, the enforcement thereof would do manifest injustice, and the applicant has demonstrated that the equivalent degree of protection will still be provided to the private water supply without strict application to particular provisions of these regulations.

Every request for a variance shall be made in writing and shall state the specific variance sought and the reasons therefore. The writing shall contain all the information needed to assure the Board that, despite the issuance of a variance, the public health and environment will be protected. Notice of the hearing shall be given by the Board, at the applicant's expense, at least ten (10) days prior thereto, by certified mail to all abutters of the property upon which the private well is located and by publication in a newspaper of general circulation in the town or city in which the private well is located. The notice shall include a statement of the variance sought and the reasons therefor. Any grant or denial of a variance shall be in writing and shall contain a brief statement of the reasons for approving or denying the variance. A copy of each variance shall be conspicuously posted for thirty (30) days following its issuance and shall be available to the public at all reasonable hours in the Office of the Town Clerk or

Office of the Board of Health. No work shall be done under any variance until thirty (30) days elapse from its issuance, unless the Board certifies in writing that an emergency exists.

Any variance may be subject to such qualification, revocation, suspension, condition, or expiration as is provided in these regulations or as the Board Expresses in its grant of the variance. A variance may otherwise be revoked, modified or suspended, in whole or in part, only after the holder thereof has been notified in writing and has been given an opportunity to be heard, pursuant to Section IX of these regulations.

XIV. SEVERABILITY:

If any provision of these regulations or the application thereof is held to be invalid by a court of competent jurisdiction, the invalidity shall be limited to said provision(s) and the remainder of these regulations shall remain valid and effective. Any part of these regulations subsequently invalidated by a new state law or modification of an existing state law shall automatically be brought into conformity with the new or amended law and shall be deemed to be effective immediately, without recourse to a public hearing and the customary procedures for amendment or repeal of such regulation.

XV. EFFECTIVE DATE:

These regulations were adopted by vote of the Bellingham, Massachusetts Board of Health, at their regularly scheduled meeting held on April 6, 1992, and are to be in full force and effect on and after May 4, 1992. Before said date, these regulations shall be published and a copy thereof be placed on file in the Board of Health Office and filed with the Department of Environmental Protection, Division of Water Supply in Boston.

These regulations or any portions thereof may be amended, supplemented or repealed from time to time by the Board, with notice as provided by law, on its own motion or by petition.

XVI. DISCLAIMER:

The issuance of a well permit shall not be construed as a guarantee by the Board or its agents that the water system will function satisfactorily nor that the water supply will be sufficient quality or quantity for its intended use.

THE BELLINGHAM BOARD OF HEALTH

Harold A. Maines, Chairman

Emma L. Cousens, Vice-Chairwoman

William H. Cummings, Member