



Town of Lakeville
Board of Health
346 Bedford Street
Lakeville, MA 02347

Board of Health
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Gross Alpha Policy
(Applicable to New Wells Only)

PLEASE BE ADVISED IF THE WATER SAMPLE IS NOT TAKEN BY THE ENGINEER OR CERTIFIED LAB, THE BOH OFFICE MUST BE NOTIFIED AT LEAST 30 MINUTES PRIOR TO ALLOW THE HEALTH AGENT THE OPPORTUNITY TO WITNESS THE SAMPLING. THE BOH WILL NOT DELAY THE SAMPLING BUT DOES REQUIRE NOTIFICATION PRIOR TO.

<u>Gross Alpha Results</u>	<u>Action Required</u>
≤ 4.9 pCi/L	No further action required / LBOH Agent can sign off
>5 but ≤ 14.9 pCi/L	<ul style="list-style-type: none">• Requires testing for Ra-226 and Ra-228• If combined test result is <5 for Ra-226 and Ra-228 Health Agent sign-off is required• If combined test result is >5, a MA PE is required to evaluate and supervise further action• Prior to the Building Permit sign-off by the LBOH the MA PE is required to submit a letter to the LBOH stating that a treatment system can be designed• Prior to the Occupancy Permit sign-off by the LBOH and after treatment system is installed a retest and a letter by same engineer is required
≥ 15 pCi/L	<ul style="list-style-type: none">• Requires follow-up testing for Ra-226, Ra-228 & Uranium, by a MA PE who is required to evaluate and supervise further action• Prior to a Building Permit sign-off by the LBOH the MA PE is required to submit a letter to the LBOH stating that a treatment system can be designed• Prior to the Occupancy Permit sign-off by the LBOH and after treatment system is installed a retest and a letter by same engineer is required

NOTE:

Water sampling reports submitted to the Board of Health must have a Chain of Custody attached as stated in the Lakeville Board of Health Well Regulations, unless the water sample collection is taken by a DEP certified laboratory employee or a MA PE who is hired to supervise and certify all water sampling, testing, treatment system design and follow-up sampling and testing.

DEP = Department of Environmental Protection

LBOH = Lakeville Board of Health

MA = Massachusetts (license in good standing)

pCi/L = pico curies per liter

PE = Professional Engineer

Ra-226 = Radium 226

Ra-228 = Radium 228

Ur = Uranium

(Voted and effective 5/20/15)