

33 Whittemore Farm Rd., Swanzey, NH 03446 Phone: (603) 357-2577 / Toll Free: (800) 760-4246

Fax: (603) 352-3899

Email: <a href="mailto:chem@eai-labs.com">chem@eai-labs.com</a>

## DESCRIPTIONS AND RECOMMENDED LIMITS FOR TYPICAL DRINKING WATER CONTAMINANTS

The explanation of water quality results presented below has been excerpted from a New Hampshire Department of Environmental Services Pamphlet entitled "Your Water Analysis."

TOTAL COLIFORM BACTERIA The presence of total coliform bacteria is unacceptable Total coliform are a group of bacteria with common characteristics used to indicate unacceptable water quality. Within the total coliform group, the E. coli bacteria are specifically used to identify fecal contamination. High coliform counts are usually an indication of surface water intrusion. When non-coliform bacteria counts are in excess of 200 colonies/100 ml of sample, they can obscure the growth of coliform bacteria.
If total coliform bacteria or high non-coliform bacteria counts are present in a well, it needs to be checked for contamination problems. If wells have unacceptable counts, it is often necessary to disinfect the well with bleach or chlorine tablets. This may have to be done more than once.
pH
TURBIDITY
COLOR
HARDNESS
IRON

MANGANESE
SODIUM
CHLORIDE
NITRATE/NITRITE
LEAD
COPPER
ARSENIC
FLUORIDE

drinking water is not sufficient.