

WATER QUALITY DATA

The table below lists all the drinking water contaminants that we detected during the 2002 calendar year. *The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk.* Unless otherwise noted, the data presented in this table is from testing done January 1-December 31, 2003. The state requires us to monitor certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old.

Terms & Abbreviations

- **Maximum Contaminant Level Goal (MCLG):** the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- **Maximum Contaminant Level (MCL):** the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
- **Action Level (AL):** the concentration of a contaminant which, when exceeded, triggers treatment or other requirements which a water system must follow.
- **n/a:** not applicable, no set limits
- **nd:** not detectable at testing limit
- **ppb:** parts per billion or micrograms per liter
- **ppm:** parts per million or milligrams per liter
- **pCi/l:** picocuries per liter (a measure of radiation)
- **ug/l:** micrograms per liter
- **ara:** annual running average
- **waiver:** permission from DEP not to test that year because of past results
- **90 th percentile:** out of 10 homes, 9 were below action level
- **MRDL:** max. residual disinfectant level

| CONTAMINANT | MCL | MCL G | Stockbridge Water | Range of detections | Violations | Typical Source of Contaminant | Sites Above Action Limit |
|-----------------|--------------|----------|---------------------------------------|---------------------|------------|--|--------------------------|
| SULFATE | None set | None set | 17.0 mg/l | n/a | No | Naturally present in environment | |
| SODIUM* | None set | None set | 7.6 mg/l | n/a | No | Naturally occurring salt deposits/chlorine | Waiver granted |
| NITRATE | 10 mg/l | 0 | 0.05 mg/l | n/a | No | High levels can indicate septic pollution | |
| LEAD | AL=.015 mg/l | 0 | 90 th percentile=.0037mg/l | 0.0005+ mg/l | No | Household plumbing 10 sites | 0 |
| BARIUM | 2.0 mg/l | 0 | 0.004 mg/l | n/a | No | natural deposits | |
| FLUORIDE* | 2.0 mg/l | 4.0 mg/l | 0.05 mg/l | n/a | No | Naturally occurring deposits | Waiver granted |
| COPPER | AL=1.3 mg/l | 0 | 90 th percentile=0.576mg/l | 0.0010+ mg/l | no | Household plumbing 10 sites | 0 |
| HAA5 | 60ug/l | | 29 ug/l,ara | 6 -81 ug/l | No | Chlorine Byproducts | 1 |
| Trihalomethanes | 80ug/l | | 53 ug/l,ara | 40-64ug/l | No | Chlorine Byproducts | 0 |