

WATER QUALITY DATA

The table below lists all the drinking water contaminants that we detected during the 2006 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, 2006. 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
- **Turbidity/NTU,** cloudy appearance of water caused by suspended and colloidal matter (clay, silt)

CONTAMINANT	MCL	MCLG mg/l	Stockbridge Water	Range of detections	Violations	Typical Source of Contaminant	Sites Above Action Limit
SULFATE	None set	None	17.7 mg/l	n/a	No	Natural Deposits	0
SODIUM	None set	None	4.5 mg/l	n/a	No	Natural Deposits	Waiver
NITRATE	10 mg/l	0	0.02 mg/l	n/a	No	High levels can indicate septic pollution	0
COPPER	AL=1.3 mg/l	0	.26	n/a	no	Household plumbing 10 sites	0
HAA5	60ug/l		22.4 ug/l,ara	ND-22.4 ug/l	No	Chlorine Byproducts	0
Trihalomethanes	80ug/l		60.0 ug/l,ara	17.2-60ug/l	No	Chlorine Byproducts	0

Water Characteristics

Calcium	None Set		14 mg/l	n/a	No	Natural Deposits	0
Magnesium	None Set		4.6 mg/l	n/a	No	Natural Deposits	0
Aluminum	None Set		.058 mg/l	n/a	No	Natural Deposits	0
Potassium	None Set		.39 mg/l	n/a	No	Natural Deposits	0
Iron	None Set		.02 mg/l	n/a	No	Natural, Mains	0
pH Adjusted			7.5 – 8.0		No	Treatment	0
Alkalinity			50 CaCO3	n/a	No	Natural Deposits	0
Free Chlorine			.4 – 2.0 mg/l		No	Treatment	0
Total Dis. Solids			85 mg/l	n/a	No	Natural, Treatment	0
Color			0 – 2 pt units		No	Natural, Treatment	0
Hardness			64 mg/l	n/a	No	Natural Deposits	0
Turbidity, NTU			.01 - .12		No	Natural Deposits	0

All data is from the 2006 calendar year.