

## 2006 Consumer Confidence Report

### Water Test Results

Contaminant	Date	Results	MCL	MCLG	Source
<b>Microbiological</b>					
TOTAL COLIFORM (1)	2006	<b>2 pos</b>	1 pos	0 pos	Naturally present in the environment.
<b>Inorganics</b>					
BARIUM	8/26/2005	<b>0.006 ppm</b>	2 ppm	2 ppm	Discharge of drilling wastes. Discharge from metal refineries. Erosion of natural deposits.
COPPER 90TH % VALUE (4)	9/14/2005	<b>0.47 ppm</b>	AL=1.3 ppm	1.3 ppm	Corrosion of household plumbing systems.
FLUORIDE (3)	11/3/2006	<b>1.51 ppm</b>	4 ppm	4 ppm	Erosion of natural deposits. Water additive which promotes strong teeth. Discharge from fertilizer and aluminum factories.
LEAD 90TH % VALUE (4)	9/14/2005	<b>4 ppb</b>	AL=15 ppb	0 ppb	Corrosion of household plumbing systems.
NITRATE NITROGEN	8/10/2006	<b>0.99 ppm</b>	10 ppm	10 ppm	Runoff from fertilizer use. Leaching from septic tanks, sewage. Erosion of natural deposits.
<b>Radionuclides</b>					
GROSS ALPHA (6)	5/4/2006	<b>0.443</b>	15 pCi/l	0 pCi/l	Erosion of natural deposits.
RADIUM 228	5/15/2002	<b>0.18 pCi/l</b>	5 pCi/l	0 pCi/l	Erosion of natural deposits.
RADON SCREEN (5)	8/19/2004	<b>59 pCi/l</b>	4000 pCi/l	N/A	Erosion of natural deposits.
<b>Disinfectants and Disinfection By-Products</b>					
TOTAL TRIHALOMETHANES	RAA	<b>24.8 ppb</b>	80 ppb	0 ppb	By-product of drinking water chlorination.

#### Definitions:

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health.

Running Annual Average (RAA): The Average of all monthly or quarterly samples for the last year at all sample locations.

Action Level (AL): The concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.

#### Units:

ppm = parts per million or milligrams per liter (mg/L).

pos = positive samples.

ppb = parts per billion or micrograms per liter (µg/L).

pCi/L = picocuries per liter (a measure of radioactivity).

#### Notes:

- 1) Total Coliform Bacteria: Reported as the highest monthly number of positive samples, for water systems that take < 40 samples per month.
- 2) Arsenic: The U.S. EPA adopted the new MCL standard in October 2001. Water systems must meet this new standard by January 2006.
- 3) Fluoride: Fluoride levels must be maintained between 1-2 ppm, for those water systems that fluoridate the water.
- 4) Lead/Copper: Action levels (AL) are measured at consumer's tap. 90% of the tests must be equal to or below the action level.
- 5) Radon: The State of Maine currently recommends follow-up action (treatment) for Radon levels in drinking water above 4000 pCi/L. The U.S. EPA is considering setting lower standards for Radon in drinking water.
- 6) Gross Alpha: Action level over 5 pCi/L requires testing for Radium. Action level over 15 pCi/L requires testing for Radon and Uranium.

**All other regulated drinking water contaminants were below detection levels.**