



PWSID ME0091470
SOUTH BERWICK WATER DISTRICT

2006 Consumer Confidence Report
Water Quality Test Results

Questions & Comments
 (207) 384-2257

Contaminant	Date	Results	MCL	MCLG	Source
<u>Microbiological</u> TOTAL COLIFORM (1)	2006	0 pos.	1 pos.	0 pos	Naturally present in the environment.
<u>Inorganics</u> ARSENIC (2)	10/18/06	10 ppb	10 ppb	0 ppb	Erosion of natural deposits. Run-off from Orchards, glass and electronic production wastes.
BARIUM	10/18/06	0.0097 ppm	2 ppm	2 ppm	Discharge of drilling wastes. Discharge from metal refineries. Erosion of natural deposits.
CHROMIUM	10/18/06	2 ppb	100 ppb	100 ppb	Discharge from steel and pulp mills. Erosion of natural deposits.
COPPER 90 TH % VALUE (7)	08/22/05	0.12 ppm	AL-1.3 ppm	1.3 ppm	Corrosion of household plumbing systems.
FLUORIDE (3)	06/01/06	0.48 ppm	4 ppm	4 ppm	Erosion of natural deposits.
LEAD 90 TH % VALUE (7)	08/22/05	4 ppb	AL-15 ppb	0 ppb	Corrosion of household plumbing systems.
NITRATE NITROGEN (4)	03/21/06	0.54 ppm	10 ppm	10 ppm	Runoff from fertilizer use. Leaching from septic tanks, sewage. Erosion of natural deposits.
<u>Radionuclides</u> GROSS ALPHA (6)	06/05/06	1.2 pCi/L	15 pCi/L	0 pCi/L	Erosion of natural deposits.
RADIUM 228	05/20/02	0.12 pCi/L	5 pCi/L	0 pCi/L	Erosion of natural deposits.
RADON SCREEN (5)	06/01/06	2840 pCi/L	40000 pCi/L	N/A	Erosion of natural deposits.

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)

ppb: parts per billion or micrograms per liter (ug/L)

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

pos: positive samples.

ntu: nephelometric turbidity units.

Notes:

1. Total Coliform Bacteria: Reported as the highest monthly number of positive samples, for water systems that take < 40 samples per month. For water systems that take > than 40 samples per month, no more than 5% of the samples may be positive.
2. Arsenic: The U.S. EPA adopted the new MCL standard in October 2001. Water systems must meet this new standard by January.
3. Fluoride: Fluoride levels must be maintained between 1-2 ppm, for those water systems that fluoridate their water.
4. Lead/Copper: Action levels (AL) are measured at consumer's tap. 90% of the test 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 20,000 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