

**WATER QUALITY REPORT
WILLIAMSBURG, PELHAM, NH
EPA # 1851010**

INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (µg/L)	< 2	6	10/20/10
Arsenic (µg/L)	< 2	10	10/20/10
Barium (mg/L)	0.012	2	10/20/10
Beryllium (µg/L)	< 2	4	10/20/10
Cadmium (µg/L)	< 2	5	10/20/10
Chromium (µg/L)	< 10	100	10/20/10
Cyanide (µg/L)	< 0.02	200	10/20/10
Fluoride (mg/L)	< 0.2	4	10/20/10
Mercury (µg/L)	<0.1	2	10/20/10
Nickel (µg/L)	< 10	100	10/20/10
Nitrate-N (mg/L)	2.28	10	10/20/10
Nitrite-N (mg/L)	< 0.05	1	10/20/10
Selenium (µg/L)	< 5	50	10/20/10
Thallium (µg/L)	< 1	2	10/20/10

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	< 5	15	2009
Copper (mg/L) 90th percentile sample	0.313	1.3	2009

Microbiological Contaminants (a)

Results	MCL
Total Coliform	Absent <1/month
E. coli	Absent

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	38	250	10/20/09
Fluoride (mg/L)	<0.20	2	10/20/09
Iron (mg/L)	0.062	0.3	10/20/09
Manganese (mg/L)	0.026	0.05	10/20/09
pH (Standard Units)	7.5	6.5 – 8.5	10/20/09
Silver (µg/L)	< 4	100	10/20/09
Sodium (mg/L)	22.3	100-250	10/20/09
Sulfate (mg/L)	14.8	250	10/20/09
Zinc (mg/L)	0.015	5	10/20/09

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	<2.5	15	10/22/07
Radon Gas (pCi/L)	698	None	4/27/10
Radium-226 (pCi/L)	< 0.07	5	10/22/07
Radium-228 (pCi/L)	<0.5	5	11/29/07
Uranium (µg/L)	<0.9	30	11/29/07

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	108	10/20/09
Calcium (mg/L)	11.8	10/20/09
Copper (mg/L)	0.042	10/20/09
Hydrogen Sulfide (mg/L)	<0.02	10/20/09
Lead (µg/L)	< 5	10/20/09
Magnesium (mg/L)	2.2	10/20/09
Specific Conductance (umhos/cm ²)	455	10/20/09
Sulfide (mg/L)	1	10/20/09
Total Hardness as CaCO ₃ (mg/L)	38.5	10/20/09

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Two Gravel Packed Wells

Treatment: Chlorine for disinfection, Potassium Carbonate to increase pH and reduce corrosion.

KEY TO ABBREVIATIONS

AL Action Level - The concentration of a contaminant which, if exceeded triggers treatment of or other requirements which a water system must follow.

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

SMCL Secondary Maximum Contaminant Level - The highest level of a contaminant that affects the aesthetic characteristics (taste, odor, or color) of drinking water.

NR Not Regulated - Contaminants test for but not regulated by the State or EPA.

(a) samples taken from the distribution system.

(b) samples taken from the distribution entry point.

mg/L milligrams per Liter or parts per million.

µg/L micrograms per Liter or parts per billion.

pCi/L picocuries per Liter (measure of radioactivity)

N/A Not Applicable **nd** not detected **BDL** Below Detection Level

If you have any questions about this report, or about your water quality, please call Gary Tetley, Water Quality Manager, at 1-603-913-2378 or 1-800-553-5191.

Additional information about contaminants and their potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline 1-800-426-4791.