

**WATER QUALITY REPORT
GAGE HILL, PELHAM, NH
EPA # 1852020**

INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (µg/L)	< 2	6	2/3/10
Arsenic (µg/L)	< 2	10	2/3/10
Barium (mg/L)	0.02	2	2/3/10
Beryllium (µg/L)	< 2	4	2/3/10
Cadmium (µg/L)	< 2	5	2/3/10
Chromium (µg/L)	< 10	100	2/3/10
Cyanide (µg/L)	< 20	200	2/3/10
Fluoride (mg/L)	<0.20	4	2/3/10
Mercury (µg/L)	< 0.2	2	2/3/10
Nickel (µg/L)	<0.1	100	2/3/10
Nitrate-N (mg/L)	2.24	10	2/9/11
Nitrite-N (mg/L)	< 0.05	1	2/3/10
Selenium (µg/L)	< 5	50	2/3/10
Thallium (µg/L)	<0.001	2	3/24/10

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	6.5	15	2011
Copper (mg/L) 90th percentile sample	0.161	1.3	2011

Microbiological Contaminants (a)

Analyte	Results	MCL
Total Coliform	Absent	≤1/month
E. coli	Absent	Absent

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	93	250	2/3/10
Fluoride (mg/L)	<0.20	2	2/3/10
Iron (mg/L)	<0.01	0.3	2/3/10
Manganese (mg/L)	< 0.01	0.05	2/3/10
pH (Standard Units)	7.35	6.5 – 8.5	2/3/10
Silver (µg/L)	< 4	100	2/3/10
Sodium (mg/L)	29.3	100-250	2/3/10
Sulfate (mg/L)	13	250	2/3/10
Zinc (mg/L)	0.297	5	2/3/10

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	4.3	15	6/7/11
Radon Gas (pCi/L)	621	None	4/19/11
Radium-226 (pCi/L)	0.8	5	10/17/05
Radium-228 (pCi/L)	0	5	10/17/05
Uranium (µg/L)	10.6	30	6/7/11

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	31	2/3/10
Calcium (mg/L)	32.4	2/3/10
Copper (mg/L)	< 0.01	2/3/10
Hardness, Total as CaCO ₃ (mg/L)	98.6	2/3/10
Hydrogen Sulfide (mg/L)	< 0.02	2/3/10
Lead (µg/L)	< 5	2/3/10
Magnesium (mg/L)	4.3	2/3/10
Specific Conductance (umhos/cm ²)	437	2/3/10
Sulfide (mg/L)	< 0.2	2/3/10

SOURCE WATER AND TREATMENT INFORMATION

Water Source: One bedrock well. Well # 1 is located 3 feet east of the pump station.

Treatment: Chlorination to disinfect the water; packed tower aeration to reduce radon levels; phosphate addition to 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 **≤** Less Than or Equal To **<** Less Than

CONTACT INFORMATION

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.