



**WATER QUALITY REPORT  
FOREST RIDGE, EXETER, NH  
EPA # 0802040**

**INORGANIC CONTAMINANTS (b)**

Analyte	Results	MCL	Date
Antimony (µg/L)	< 2	6	7/29/08
Arsenic (µg/L)	< 2	10	7/29/08
Barium (mg/L)	0.017	2	7/29/08
Beryllium (µg/L)	< 2	4	7/29/08
Cadmium (µg/L)	< 2	5	7/29/08
Chromium (µg/L)	< 10	100	7/29/08
Cyanide (µg/L)	< 20	200	7/29/08
Fluoride (mg/L)	< 0.2	4	7/29/08
Mercury (µg/L)	<0.1	2	7/29/08
Nickel (µg/L)	27.9	100	7/29/08
Nitrate-N (mg/L)	<0.20	10	8/2/11
Nitrite-N (mg/L)	< 0.05	1	7/29/08
Selenium (µg/L)	< 5	50	7/29/08
Thallium (µg/L)	< 1	2	7/29/08

**FIRST DRAW LEAD AND COPPER (a)**

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	<5	15	2010
Copper (mg/L) 90th percentile sample	0.880	1.3	2010

**Microbiological Contaminants (a)**

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

**SECONDARY CONTAMINANTS (b) - AESTHETIC**

Analyte	Results	SMCL	Date
Chloride (mg/L)	8	250	7/29/08
Fluoride (mg/L)	< 0.2	2	7/29/08
Iron (mg/L)	0.064	0.3	7/29/08
Manganese (mg/L)	0.021	0.05	7/29/08
pH (Standard Units)	7.53	6.5 – 8.5	7/29/08
Silver (µg/L)	< 4	100	7/29/08
Sodium (mg/L)	17.7	100-250	7/29/08
Sulfate (mg/L)	22.2	250	7/29/08
Zinc (mg/L)	0.154	5	7/29/08

**RADIOLOGICAL CONTAMINANTS (b)**

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	< 2.6	15	5/30/06
Radon Gas (pCi/L)	616	None	4/21/10
Radium-226 (pCi/L)	0.6	5	5/30/06
Radium-228 (pCi/L)	< 0.6	5	5/30/06
Uranium (µg/L)	< 0.9	30	5/30/06

**UNREGULATED CONTAMINANTS (b)**

Analyte (Units)	Results	Date
Alkalinity as CaCO <sub>3</sub> (mg/L)	80.5	7/29/08
Calcium (mg/L)	17.3	7/29/08
Copper (mg/L)	< 0.01	7/29/08
Hardness, Total as CaCO <sub>3</sub> (mg/L)	67.5	7/29/08
Hydrogen Sulfide (mg/L)	< 0.02	7/29/08
Lead (µg/L)	< 5	7/29/08
Magnesium (mg/L)	5.9	7/29/08
Specific Conductance (umhos/cm <sup>2</sup> )	236	7/29/08
Sulfide (mg/L)	< 0.2	7/29/08

**SOURCE WATER AND TREATMENT INFORMATION**

**Water Source:** Two bedrock wells. Well # 1 is located 54 feet southwest of the pump station. Well # 2 is located 14 feet northwest of the pump station.

**Treatment:** Chlorination to disinfect the water and filtration to reduce iron and manganese.

**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)** one sample taken every month 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.