



**WATER QUALITY REPORT**  
**AVERY ESTATES, LONDONDERRY, NH**  
**EPA # 1392250**

**INORGANIC CONTAMINANTS (b)**

Analyte	Results	MCL	Date
Antimony (µg/L)	< 2	6	1/12/10
Arsenic (µg/L)	2	10	7/6/11
Barium (mg/L)	< 0.01	2	1/12/10
Beryllium (µg/L)	< 2	4	1/12/10
Cadmium (µg/L)	< 2	5	1/12/10
Chromium (µg/L)	< 10	100	1/12/10
Cyanide (µg/L)	< 20	200	1/12/10
Fluoride (mg/L)	0.27	4	1/12/10
Mercury (µg/L)	<0.1	2	1/12/10
Nickel (µg/L)	< 10	100	1/12/10
Nitrate-N (mg/L)	0.2	10	2/16/11
Nitrite-N (mg/L)	< 0.05	1	1/12/10
Selenium (µg/L)	< 5	50	1/12/10
Thallium (µg/L)	< 1	2	1/12/10

**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	0.236	1.3	2009

**Microbiological Contaminants (a)**

Results	MCL
Total Coliform	≤1/month
E. coli	Absent
Average Chlorine Residual (mg/L)	0.48

**SECONDARY CONTAMINANTS (b) - AESTHETIC**

Analyte	Results	SMCL	Date
Chloride (mg/L)	38	250	1/12/10
Fluoride (mg/L)	0.27	2	1/12/10
Iron (mg/L)	0.04	0.3	1/12/10
Manganese (mg/L)	< 0.01	0.05	1/12/10
pH (Standard Units)	8.01	6.5 – 8.5	1/12/10
Silver (µg/L)	< 4	100	1/12/10
Sodium (mg/L)	35.2	100-250	1/12/10
Sulfate (mg/L)	25	250	1/12/10
Zinc (mg/L)	0.234	5	1/12/10

**RADIOLOGICAL CONTAMINANTS (b)**

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	< 3	15	12/7/06
Radon Gas (pCi/L)	< 200	None	4/19/11
Radium-226 (pCi/L)	0.2	5	12/7/06
Radium-228 (pCi/L)	< 0.5	5	12/7/06
Uranium (µg/L)	< 0.9	30	12/7/06

**UNREGULATED CONTAMINANTS (b)**

Analyte (Units)	Results	Date
Alkalinity as CaCO <sub>3</sub> (mg/L)	94	1/12/10
Calcium (mg/L)	29.9	1/12/10
Copper (mg/L)	0.016	1/12/10
Hardness, Total as CaCO <sub>3</sub> (mg/L)	98	10/6/10
Hydrogen Sulfide (mg/L)	< 0.02	1/12/10
Lead (µg/L)	< 5	1/12/10
Magnesium (mg/L)	3.5	1/12/10
Specific Conductance (umhos/cm <sup>2</sup> )	398	1/12/10
Sulfide (mg/L)	< 0.2	1/12/10

**SOURCE WATER AND TREATMENT INFORMATION**

**Water Source:** Two bedrock wells.

**Treatment:** Chlorination for disinfection; filtration to remove arsenic; softening to remove hardness; aeration to reduce radon; phosphate 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.