

**WATER QUALITY REPORT
CLEAR WATER ESTATES, RAYMOND, NH
EPA # 1972070**

INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (µg/L)	< 2	6	2/4/09
Arsenic (µg/L)	< 2	10	2/4/09
Barium (mg/L)	< 0.01	2	2/4/09
Beryllium (µg/L)	< 2	4	2/4/09
Cadmium (µg/L)	< 2	5	2/4/09
Chromium (µg/L)	< 10	100	2/4/09
Cyanide (µg/L)	< 20	200	2/4/09
Fluoride (mg/L)	1.78	4	2/4/09
Mercury (µg/L)	<0.1	2	2/4/09
Nickel (µg/L)	< 10	100	2/4/09
Nitrate-N (mg/L)	< 0.2	10	2/9/11
Nitrite-N (mg/L)	< 0.05	1	2/4/09
Selenium (µg/L)	< 5	50	2/4/09
Thallium (µg/L)	< 1	2	2/4/09

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	0.171	1.3	2009

Microbiological Contaminants (a)

Results	MCL
Total Coliform	≤1/month
E. coli	Absent
Average Chlorine Residual (mg/L)	0.27 ≤ 4

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	71	250	2/4/09
Fluoride (mg/L)	1.78	2	2/4/09
Iron (mg/L)	0.04	0.3	2/4/09
Manganese (mg/L)	0.019	0.05	2/4/09
pH (Standard Units)	7.79	6.5 – 8.5	2/4/09
Silver (µg/L)	< 4	100	2/4/09
Sodium (mg/L)	102	100-250	2/4/09
Sulfate (mg/L)	126	250	2/4/09
Zinc (mg/L)	0.133	5	2/4/09

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	<2.9	15	10/25/06
Radon Gas (pCi/L)	449	None	4/27/11
Radium-226 (pCi/L)	0.08	5	10/25/06
Radium-228 (pCi/L)	< 0.6	5	10/25/06
Uranium (µg/L)	4.1	30	10/25/06

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	92	9/16/10
Calcium (mg/L)	31.3	2/4/09
Copper (mg/L)	< 0.01	2/4/09
Hardness, Total as CaCO ₃ (mg/L)	238	9/16/10
Hydrogen Sulfide (mg/L)	0.04	2/4/09
Lead (µg/L)	< 5	2/4/09
Magnesium (mg/L)	4.4	2/4/09
Specific Conductance (umhos/cm ²)	665	2/4/09
Sulfide (mg/L)	0.3	2/4/09

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Two bedrock wells.

Treatment: Ion exchange to remove iron, manganese and hardness plus chlorine for disinfection.

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.