

WATER QUALITY REPORT
W E, WINDHAM, NH
EPA # 2542030

INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (µg/L)	< 2	6	10/20/09
Arsenic (µg/L)	< 2	10	10/20/09
Barium (mg/L)	< 0.01	2	10/20/09
Beryllium (µg/L)	< 2	4	10/20/09
Cadmium (µg/L)	< 2	5	10/20/09
Chromium (µg/L)	< 10	100	10/20/09
Cyanide (µg/L)	< 20	200	10/20/09
Fluoride (mg/L)	0.67	4	10/20/09
Mercury (µg/L)	<0.1	2	10/20/09
Nickel (µg/L)	< 10	100	10/20/09
Nitrate-N (mg/L)	< 0.2	10	10/27/10
Nitrite-N (mg/L)	<0.2	1	4/19/10
Selenium (µg/L)	< 5	50	10/20/09
Thallium (µg/L)	< 1	2	10/20/09

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	133	250	5/10/10
Fluoride (mg/L)	0.67	2	10/20/09
Iron (mg/L)	0.012	0.3	5/10/10
Manganese (mg/L)	< 0.01	0.05	5/10/10
pH (Standard Units)	8.08	6.5 – 8.5	10/20/09
Silver (µg/L)	< 4	100	10/20/09
Sodium (mg/L)	122	100-250	5/10/10
Sulfate (mg/L)	24	250	5/10/10
Zinc (mg/L)	0.117	5	10/20/09

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	6.5	15	2/12/07
Radon Gas (pCi/L)	2,360	None	7/26/11
Radium-226 (pCi/L)	0.1	5	2/12/07
Radium-228 (pCi/L)	<0.5	5	2/12/07
Uranium (µg/L)	1	30	2/12/07

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	0.083	1.3	2009

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	120	10/20/09
Calcium (mg/L)	17.1	5/10/10
Copper (mg/L)	0.014	10/20/09
Hydrogen Sulfide (mg/L)	<0.02	10/20/09
Lead (µg/L)	< 5	10/20/09
Magnesium (mg/L)	5.2	5/10/10
Perchlorate (ug/L)	< 0.3	4/19/10
Potassium (mg/L)	5.7	5/10/10
Specific Conductance (umhos/cm ²)	750	10/20/09
Sulfide (mg/L)	<0.2	10/20/09
Total Hardness as CaCO ₃ (mg/L)	64.1	5/10/10

Microbiological Contaminants (a)	Results	MCL
Total Coliform	Absent	≤1/month
E. coli	Absent	Absent

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Three bedrock wells

Treatment: Chlorine for disinfection, softening to reduce hardness, filtration to reduce iron and manganese levels; sodium hydroxide 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) Sample(s) 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

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.