

**WATER QUALITY REPORT
FARMSTEAD, DERRY, NH
EPA # 0612110**

INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (µg/L)	< 2	6	12/2/09
Arsenic (µg/L)	5	10	7/11/11
Barium (mg/L)	0.018	2	12/2/09
Beryllium (µg/L)	< 2	4	12/2/09
Cadmium (µg/L)	< 2	5	12/2/09
Chromium (µg/L)	< 10	100	12/2/09
Cyanide (µg/L)	< 20	200	12/2/09
Fluoride (mg/L)	0.48	4	12/2/09
Mercury (µg/L)	>0.1	2	12/2/09
Nickel (µg/L)	< 10	100	12/2/09
Nitrate-N (mg/L)	< 0.2	10	8/28/10
Nitrite-N (mg/L)	< 0.05	1	11/12/09
Selenium (µg/L)	< 5	50	12/2/09
Thallium (µg/L)	< 1	2	12/2/09

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	0.245	1.3	2009

Microbiological Contaminants (a)

Analyte	Results	MCL
Total Coliform	Absent	≤ 1/month
E. coli	Absent	Absent
Average Chlorine Residual (mg/L)	0.34	≤ 4

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	76	250	12/2/09
Fluoride (mg/L)	0.48	2	12/2/09
Iron (mg/L)	0.062	0.3	12/2/09
Manganese (mg/L)	0.051	0.05	12/2/09
pH (Standard Units)	7.9	6.5 – 8.5	12/2/09
Silver (µg/L)	4	100	12/2/09
Sodium (mg/L)	21.5	100-250	12/2/09
Sulfate (mg/L)	33.3	250	12/2/09
Zinc (mg/L)	0.043	5	12/2/09

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	1.8	15	10/20/05
Radon Gas (pCi/L)	800	None	4/25/11
Radium-226 (pCi/L)	1.2	5	10/20/05
Radium-228 (pCi/L)	1.1	5	10/20/05
Uranium (µg/L)	1.8	30	10/20/05

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	75	12/2/09
Calcium (mg/L)	55.9	12/2/09
Copper (mg/L)	< 0.01	12/2/09
Hardness, Total as CaCO ₃ (mg/L)	174	9/13/10
Hydrogen Sulfide (mg/L)	< 0.02	12/2/09
Lead (µg/L)	< 5	12/2/09
Magnesium (mg/L)	5.6	12/2/09
Specific Conductance (µmhos/cm ²)	496	12/2/09
Sulfide (mg/L)	< 0.2	12/2/09

SOURCE WATER AND TREATMENT INFORMATION

Water Source: One bedrock well.

Treatment: Chlorination for disinfection; filtration to reduce arsenic, phosphate addition to reduce corrosion and sequester 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) 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 **<** 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.