

WATER QUALITY REPORT
PINEHAVEN WATER TRUST, LONDONDERRY, NH
EPA # 1392040

INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (µg/L)	< 2	6	12/3/08
Arsenic (µg/L)	< 2	10	12/3/08
Barium (mg/L)	0.032	2	12/3/08
Beryllium (µg/L)	< 2	4	12/3/08
Cadmium (µg/L)	< 2	5	12/3/08
Chromium (µg/L)	< 10	100	12/3/08
Cyanide (µg/L)	< 20	200	12/3/08
Fluoride (mg/L)	< 0.2	4	12/3/08
Mercury (µg/L)	<0.1	2	12/3/08
Nickel (µg/L)	< 10	100	12/3/08
Nitrate-N (mg/L)	5.4	10	7/12/11
Nitrite-N (mg/L)	< 0.2	1	11/4/10
Selenium (µg/L)	< 5	50	12/3/08
Thallium (µg/L)	< 1	2	12/3/08

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	< 5	15	2008
Copper (mg/L) 90th percentile sample	0.092	1.3	2008

Microbiological Contaminants (a)

	Results	MCL
Total Coliform	Absent	<5%/month
E. coli	Absent	Absent

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	104	250	12/3/08
Fluoride (mg/L)	< 0.2	2	12/3/08
Iron (mg/L)	0.025	0.3	12/3/08
Manganese (mg/L)	< 0.01	0.05	12/3/08
pH (Standard Units)	7.22	6.5 – 8.5	12/3/08
Silver (µg/L)	< 4	100	12/3/08
Sodium (mg/L)	57.5	100-250	12/3/08
Sulfate (mg/L)	13.6	250	12/3/08
Zinc (mg/L)	0.012	5	12/3/08

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	< 2.5	15	10/25/07
Radon Gas (pCi/L)	260	None	4/20/11
Radium-226 (pCi/L)	0.1	5	10/25/07
Radium-228 (pCi/L)	< 0.6	5	10/25/07
Uranium (µg/L)	< 0.7	30	10/25/07

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	47.5	12/3/08
Calcium (mg/L)	26	12/3/08
Copper (mg/L)	0.039	12/3/08
Hardness, Total as CaCO ₃ (mg/L)	80.6	12/3/08
Hydrogen Sulfide (mg/L)	< 0.02	12/3/08
Lead (µg/L)	< 5	12/3/08
Magnesium (mg/L)	3.8	12/3/08
Specific Conductance (umhos/cm ²)	513	12/3/08
Sulfide (mg/L)	< 0.2	12/3/08

SOURCE WATER INFORMATION

Water Source: Four point wells located 30 feet north off the pump station.

Treatment: Chlorination to kill bacteria, aeration to remove radon from the water, and sodium hydroxide to adjust pH to aid in corrosion control.

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

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.