



**WATER QUALITY REPORT  
DANIELS LAKE, WEARE, NH  
EPA # 2452010**

**INORGANIC CONTAMINANTS (b)**

Analyte	Results	MCL	Date
Antimony (µg/L)	<0.002	6	4/28/10
Arsenic (µg/L)	<0.002	10	4/28/10
Barium (mg/L)	<0.01	2	4/28/10
Beryllium (µg/L)	<0.002	4	4/28/10
Cadmium (µg/L)	<0.002	5	4/28/10
Chromium (µg/L)	<0.01	100	4/28/10
Cyanide (µg/L)	<0.02	200	4/28/10
Fluoride (mg/L)	< 0.2	4	4/28/10
Mercury (µg/L)	<0.0001	2	4/28/10
Nickel (µg/L)	<0.01	100	4/28/10
Nitrate-N (mg/L)	< 0.2	10	5/5/11
Nitrite-N (mg/L)	<0.2	1	4/28/10
Selenium (µg/L)	<0.005	50	4/28/10
Thallium (µg/L)	<0.001	2	4/28/10

**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	0.327	1.3	2009

**Microbiological Contaminants (a)**

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

**SECONDARY CONTAMINANTS (b) - AESTHETIC**

Analyte	Results	SMCL	Date
Chloride (mg/L)	23	250	4/28/10
Fluoride (mg/L)	< 0.2	2	4/28/10
Iron (mg/L)	0.015	0.3	4/28/10
Manganese (mg/L)	<0.01	0.05	4/28/10
pH (Standard Units)	7.18	6.5 – 8.5	4/28/10
Silver (µg/L)	<0.04	100	4/28/10
Sodium (mg/L)	25.8	100-250	4/28/10
Sulfate (mg/L)	6	250	4/28/10
Zinc (mg/L)	0.498	5	4/28/10

**RADIOLOGICAL CONTAMINANTS (b)**

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	0.9	15	11/15/07
Radon Gas (pCi/L)	281	None	7/21/11
Radium-226 (pCi/L)	0.1 ± 0.09	5	11/15/07
Radium-228 (pCi/L)	0.0 ± 0.8	5	11/15/07
Uranium (µg/L)	0	30	11/15/07

**UNREGULATED CONTAMINANTS (b)**

Analyte (Units)	Results	Date
Alkalinity as CaCO <sub>3</sub> (mg/L)	33.2	5/14/10
Calcium (mg/L)	3.1	4/28/10
Copper (mg/L)	<0.01	4/28/10
Hardness, Total as CaCO <sub>3</sub> (mg/L)	20	8/13/10
Hydrogen Sulfide (mg/L)		
Lead (µg/L)	<0.005	4/28/10
Magnesium (mg/L)	<1	4/28/10
Specific Conductance (umhos/cm <sup>2</sup> )	168	4/28/10
Sulfide (mg/L)	0.2	4/28/10

**SOURCE WATER AND TREATMENT INFORMATION**

**Water Source:** One bedrock well.

**Treatment:** Filtration of reduce iron and manganese; chlorine for disinfection and to aid in iron and manganese removal through the filtration process; sodium hydroxide to increase the pH and reduce corrosion; zinc orthophosphate to reduce corrosion of lead and copper.

**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.