



**WATER QUALITY REPORT  
DREW WOODS, DERRY, NH  
EPA # 0612150**

**INORGANIC CONTAMINANTS (b)**

Analyte	Results	MCL	Date
Antimony (µg/L)	< 2	6	7/15/08
Arsenic (µg/L)	<2	10	5/9/11
Barium (mg/L)	< 0.01	2	7/15/08
Beryllium (µg/L)	< 2	4	7/15/08
Cadmium (µg/L)	< 2	5	7/15/08
Chromium (µg/L)	< 10	100	7/15/08
Cyanide (µg/L)	< 20	200	7/15/08
Fluoride (mg/L)	< 0.2	4	7/15/08
Mercury (µg/L)	< 0.2	2	7/15/08
Nickel (µg/L)	< 10	100	7/15/08
Nitrate-N (mg/L)	< 0.2	10	7/26/11
Nitrite-N (mg/L)	< 0.05	1	7/15/08
Selenium (µg/L)	< 5	50	7/15/08
Thallium (µg/L)	< 1	2	7/15/08

**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	0.130	1.3	2009

**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)	46	250	7/15/08
Fluoride (mg/L)	< 0.2	2	7/15/08
Iron (mg/L)	0.025	0.3	7/15/08
Manganese (mg/L)	0.083	0.05	7/15/08
pH (Standard Units)	8.09	6.5 – 8.5	7/15/08
Silver (µg/L)	< 4	100	7/15/08
Sodium (mg/L)	20	100-250	7/15/08
Sulfate (mg/L)	23.6	250	7/15/08
Zinc (mg/L)	< 0.01	5	7/15/08

**RADIOLOGICAL CONTAMINANTS (b)**

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	2.3	15	10/7/04
Radon Gas (pCi/L)	840	None	7/13/11
Radium-226 (pCi/L)	1.1	5	10/7/04
Radium-228 (pCi/L)	0.2	5	10/7/04
Uranium (µg/L)	3.7	30	10/7/04

**UNREGULATED CONTAMINANTS (b)**

Analyte (Units)	Results	Date
Alkalinity as CaCO <sub>3</sub> (mg/L)	95.5	8/3/10
Calcium (mg/L)	44.8	7/15/08
Copper (mg/L)	< 0.01	7/15/08
Hardness, Total as CaCO <sub>3</sub> (mg/L)	140	8/3/10
Hydrogen Sulfide (mg/L)	0.11	7/15/08
Magnesium (mg/L)	4.2	7/15/08
Specific Conductance (umhos/cm <sup>2</sup> )	390	7/15/08
Sulfide (mg/L)	1.4	7/15/08

**SOURCE WATER AND TREATMENT INFORMATION**

**Water Source:** Six bedrock wells and water purchased from the town of Derry.

**Treatment at the Pump Station:** aeration to reduce radon; phosphate addition to reduce corrosion and sequester iron and manganese. The town of Derry purchases their water from the city of Manchester which uses chloramination for disinfection. Additional information regarding Manchester's water can be found at:

<http://www.manchesternh.gov/website/Departments/WaterWorks/WaterQuality/tabid/420/Default.aspx>.

**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)** One sample taken each month 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.