

WATER QUALITY REPORT
VALLEY FIELD APTS NORTHLAND, PLAISTOW, NH
EPA # 1932070

INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (µg/L)	< 2	6	7/30/08
Arsenic (µg/L)	2	10	7/30/08
Barium (mg/L)	0.019	2	7/30/08
Beryllium (µg/L)	< 2	4	7/30/08
Cadmium (µg/L)	< 2	5	7/30/08
Chromium (µg/L)	< 10	100	7/30/08
Cyanide (µg/L)	< 20	200	7/30/08
Fluoride (mg/L)	< 0.2	4	7/30/08
Mercury (µg/L)	<0.1	2	7/30/08
Nickel (µg/L)	< 10	100	7/30/08
Nitrate-N (mg/L)	< 0.2	10	7/29/10
Nitrite-N (mg/L)	< 0.05	1	9/2/09
Selenium (µg/L)	< 5	50	7/30/08
Thallium (µg/L)	< 1	2	7/30/08

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	0.040	1.3	2009

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	22	250	7/30/08
Fluoride (mg/L)	< 0.20	2	7/30/08
Iron (mg/L)	< 0.01	0.3	7/29/10
Manganese (mg/L)	<0.01	0.05	7/29/10
pH (Standard Units)	8.13	6.5 – 8.5	7/29/10
Silver (µg/L)	4	100	7/30/08
Sodium (mg/L)	21	100-250	7/30/08
Sulfate (mg/L)	22.5	250	7/30/08
Zinc (mg/L)	<0.01	5	7/30/08

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	< 3	15	11/8/06
Radon Gas (pCi/L)	< 200	None	7/26/11
Radium-226 (pCi/L)	0.7	5	11/8/06
Radium-228 (pCi/L)	< 0.6	5	11/8/06
Uranium (µg/L)	1.2	30	11/8/06

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

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	174	7/30/08
Calcium (mg/L)	51.4	7/30/08
Copper (mg/L)	< 0.01	7/30/08
Hydrogen Sulfide (mg/L)	< 0.02	7/30/08
Lead (µg/L)	< 5	7/30/08
Magnesium (mg/L)	14.2	7/30/08
Specific Conductance (umhos/cm ²)	469	7/30/08
Sulfide (mg/L)	<0.2	7/30/08
Total Hardness as CaCO ₃ (mg/L)	187	7/30/08

Water Source: Two bedrock wells.
Treatment: Chlorination for disinfection; aeration to reduce radon; and filtration to reduce iron and manganese levels, sodium hydroxide to increase the pH and reduce corrosion.

KEY TO ABBREVIATIONS

L 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

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.