

WATER QUALITY REPORT
Pinehave Water Trust, Londonderry NH
EPA # 1392040

Radium 226 & 228 (pCi/L)	0.7	5	10/13/14	Lead (µg/L) 90th percentile sample	1	15	2017
Uranium (µg/L)	<1	30	10/13/14	Copper (mg/L) 90th percentile sample	0.258	1.3	2017

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	< 1	0.006	12/4/17
Arsenic (mg/L)	< 1	0.01	12/4/17
Barium (mg/L)	0.0264	2	12/4/17
Beryllium (mg/L)	< 1	0.004	12/4/17
Cadmium (mg/L)	< 1	0.005	12/4/17
Chromium (mg/L)	< 1	0.1	12/4/17
Fluoride (mg/L)	< 0.2	4	12/4/17
Mercury (mg/L)	< 0.1	0.002	12/4/17
Nitrate-N (mg/L)	5.15	10	4/8/20
Nitrite-N (mg/L)	< 0.2	1	10/8/19
Selenium (mg/L)	< 5	0.05	12/4/17
Thallium (mg/L)	< 1	0.002	12/4/17

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	81	250	12/4/17
Fluoride (mg/L)	< 0.2	2	12/4/17
Iron (mg/L)	< 0.1	0.3	12/4/17
Manganese (mg/L)	0.0191	0.05	12/4/17
pH (Standard Units)	6.83	6.5 – 8.5	12/4/17
Sulfate (mg/L)	14	250	12/4/17
Zinc (mg/L)	0.0142	5	12/4/17

DISINFECTION BY-PRODUCTS (a)

Analyte	Results	MCL	Date
Total Trihalomethanes (µg/L)	4.6	80	8/17/16
Haloacetic Acids (µg/L)	< 1	60	8/17/16

Microbiological Contaminants (a)

Results	MCL	Frequency
Total Coliform	Absent	≤ 1/month
E. coli	Absent	Monthly
Chlorine Residual Range (mg/L)	0.2 - 1.0	

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	35	12/4/17
Calcium (mg/L)	20.6	12/4/17
Copper (mg/L)	0.0334	12/4/17
Hardness, Total as CaCO ₃ (mg/L)	64.4	12/4/17
Magnesium (mg/L)	3.15	12/4/17
Nickel (µg/L)	< 1	12/4/17
Radon Gas (pCi/L)	495	7/11/19
Sodium (mg/L)	55	12/4/17

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	4.13	NR	10/3/19
Perfluoroheptanoic acid (PFHpA) (ng/L)	2.16	NR	10/3/19
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	2.2	NR	10/3/19
Perfluorononanoic acid (PFNA) (ng/L)	<1.8	NR	10/3/19
Perfluorooctane sulfonate (PFOS) (ng/L)	2.38	70*	10/3/19
Perfluorooctanoic acid (PFOA) (ng/L)	7.55		10/3/19

*PFOS + PFOA can not exceed 70 ng/L

SOURCE WATER AND TREATMENT INFORMATION

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

Treatment: Chlorination for disinfection; aeration to remove radon from the water; and sodium hydroxide to adjust the pH and 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 – These standards are developed to protect the aesthetic qualities of drinking water and are not health based 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.

ng/L nanograms per Liter or parts per trillion.

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 Matthew Day, Lab Director, at 1-603-913-2377 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.