

WATER QUALITY REPORT
Forest Ridge, Exeter, NH
EPA # 0802040

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	1	15	8/19/14
Radium 226 & 228 (pCi/L)	0.3	5	8/19/14
Uranium (µg/L)	< 1	30	8/19/14

FIRST DRAW LEAD AND COPPER (a)			
Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	10.7	15	2017
Copper (mg/L) 90th percentile sample	0.299	1.3	2017

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	< 1	0.006	8/3/17
Arsenic (mg/L)	< 1	0.01	8/3/17
Barium (mg/L)	0.0311	2	8/3/17
Beryllium (mg/L)	< 1	0.004	8/3/17
Cadmium (mg/L)	< 1	0.005	8/3/17
Chromium (mg/L)	1.1	0.1	8/3/17
Fluoride (mg/L)	< 0.2	4	8/3/17
Mercury (mg/L)	< 0.1	0.002	8/3/17
Nitrate-N (mg/L)	< 0.2	10	7/11/19
Nitrite-N (mg/L)	< 0.2	1	8/3/17
Selenium (mg/L)	< 5	0.05	8/3/17
Thallium (mg/L)	< 1	0.002	8/3/17

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	21	250	8/3/17
Fluoride (mg/L)	< 0.2	2	8/3/17
Iron (mg/L)	0.18	0.3	8/3/17
Manganese (mg/L)	0.0242	0.05	8/3/17
pH (Standard Units)	7.07	6.5 – 8.5	8/3/17
Sulfate (mg/L)	18	250	8/3/17
Zinc (mg/L)	0.0019	5	8/3/17

Microbiological Contaminants (a)

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

DISINFECTION BY-PRODUCTS (a)

Analyte	Results	MCL	Date
Total Trihalomethanes (µg/L)	9.6	80	7/13/17
Haloacetic Acids (µg/L)	4.4	60	7/13/17

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	85	8/3/17
Calcium (mg/L)	18.5	8/3/17
Copper (mg/L)	0.0016	8/3/17
Hardness, Total as CaCO ₃ (mg/L)	71.4	8/3/17
Magnesium (mg/L)	6.13	8/3/17
Nickel (µg/L)	< 1	8/3/17
Radon Gas (pCi/L)	1,568	7/11/19
Sodium (mg/L)	18.7	8/3/17

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	2.32	NR	2/12/20
Perfluoroheptanoic acid (PFHpA) (ng/L)	<2.00	NR	2/12/20
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<2.00	NR	2/12/20
Perfluorononanoic acid (PFNA) (ng/L)	<2.00	NR	2/12/20
Perfluorooctane sulfonate (PFOS) (ng/L)	<2.00	70*	2/12/20
Perfluorooctanoic acid (PFOA) (ng/L)	<2.00		2/12/20

*PFOS + PFOA can not exceed 70 ng/L

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Two bedrock wells.

Treatment: Chlorination for disinfection and filtration to reduce iron and manganese.

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.

In addition to the information found in this report please check out the State of NH's website regarding this system at <http://www2.des.state.nh.us/DESOnestop/PWSDetail.aspx?ID=0802040>.