

WATER QUALITY REPORT
Lamplighter Village, Windham, NH
EPA # 2542170

VOLATILE ORGANIC CONTAMINANTS (b) (Units µg/L)

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	1/7/20	cis-1, 3-Dichloropropylene	< 0.5	NR	1/7/20
1,1,1-Trichloroethane	< 0.5	200	1/7/20	Dibromochloromethane	1.7	NR	1/7/20
1,1,2,2-Tetrachloroethane	< 0.5	NR	1/7/20	Dibromomethane	< 0.5	NR	1/7/20
1,1,2-Trichloroethane	< 0.5	5	1/7/20	Dichlorodifluoromethane	< 0.5	NR	1/7/20
1,1-Dichloroethane	< 0.5	NR	1/7/20	Diethyl ether	< 0.5	NR	1/7/20
1,1-Dichloroethylene	< 0.5	7	1/7/20	Diisopropyl Ether (DIPE)	< 0.5	NR	1/7/20
1,1-Dichloropropylene	< 0.5	NR	1/7/20	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	1/7/20
1,2,3-Trichlorobenzene	< 0.5	NR	1/7/20	Ethylbenzene	< 0.5	700	1/7/20
1,2,3-Trichloropropane	< 0.5	NR	1/7/20	Hexachlorobutadiene	< 0.5	NR	1/7/20
1,2,4-Trichlorobenzene	< 0.5	70	1/7/20	Isopropylbenzene	< 0.5	NR	1/7/20
1,2,4-Trimethylbenzene	< 0.5	NR	1/7/20	m&p - Xylenes	< 1	NR	1/7/20
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	1/7/20	Methylene chloride	< 0.5	5	1/7/20
1,2-Dibromoethane	< 0.5	0.05	1/7/20	Methyl-t-butyl-ether (MtBE)	< 0.5	13	1/7/20
1,2-Dichlorobenzene	< 0.5	600	1/7/20	Napthalene	< 0.5	NR	1/7/20
1,2-Dichloroethane	< 0.5	5	1/7/20	n-Butylbenzene	< 0.5	NR	1/7/20
1,2-Dichloropropane	< 0.5	5	1/7/20	n-Propylbenzene	< 0.5	NR	1/29/19
1,3,5-Trimethylbenzene	< 0.5	NR	1/7/20	o-Xylene	< 0.5	NR	1/7/20
1,3-Dichlorobenzene	< 0.5	NR	1/7/20	sec Butylbenzene	< 0.5	NR	1/7/20
1,3-Dichloropropane	< 0.5	NR	1/7/20	Styrene	< 0.5	100	1/29/19
1,4-Dichlorobenzene	< 0.5	75	1/7/20	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	1/7/20
2-Chlorotoluene	< 0.5	NR	1/7/20	Tert-Butyl Alcohol (TBA)	< 10	NR	1/7/20
				Tert-Butylbenzene	< 0.5	NR	1/7/20
				Tetrachloroethylene	< 0.5	5	1/7/20
4-Chlorotoluene	< 0.5	NR	1/7/20	Tetrahydrofuran	< 10	NR	1/7/20
4-Isopropyltoluene	< 0.5	NR	1/7/20	Toluene	< 0.5	1000	1/7/20
				Total Trihalomethanes	5.1	80	1/7/20
Benzene	< 0.5	5	1/7/20	Total Xylenes	< 0.5	10,000	1/7/20
Bromobenzene	< 0.5	NR	1/7/20	Trans-1, 2-Dichloroethylene	< 0.5	100	1/7/20
Bromochloromethane	< 0.5	NR	1/7/20	Trans-1, 3-Dichloropropylene	< 0.5	NR	1/7/20
Bromodichloromethane	2	NR	1/7/20	Trichloroethylene	< 0.5	5	1/7/20
Bromoform	< 0.5	NR	1/7/20	Trichlorofluoromethane	< 0.5	2	1/7/20
Bromomethane	< 0.5	NR	1/7/20	Vinyl chloride	< 0.5	NR	1/7/20
Carbon Disulfide	< 0.5	NR	1/7/20				
Carbon Tetrachloride	< 0.5	5	1/7/20				
Chlorobenzene	< 0.5	100	1/7/20				
Chloroform	1.4	NR	1/7/20				
Chloromethane	< 0.5	NR	1/7/20				
cis-1, 2-Dichloroethylene	< 0.5	70	1/7/20				

SYNTHETIC ORGANIC CONTAMINANTS (b) (Units µg/L)

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	1/19/17	Diquat			
2,4-D	< 1	70	1/19/17	Endrin	< 0.1	2	1/19/17
3-Hydroxycarbofuran	< 1	NR	1/19/17	Ethylene dibromide (EDB)	< 0.02	0.05	1/19/17
Alachlor	< 0.1	2	1/19/17	Glyphosate	< 10	700	1/19/17
Aldicarb	< 1	NR	1/19/17	Heptachlor	< 0.1	0.4	1/19/17
Aldicarb Sulfone	< 1	NR	1/19/17	Heptachlor Epoxide	< 0.1	0.2	1/19/17
Aldicarb Sulfoxide	< 1	NR	1/19/17	Hexachlorobenzene	< 0.1	1	1/19/17
Aldrin	< 0.1	NR	1/19/17	Hexachlorocyclopentadiene	< 0.1	50	1/19/17
Atrazine	< 0.1	3	1/19/17	Lindane	< 0.1	0.2	1/19/17
Benzo(a)pyrene	< 0.1	0.2	1/19/17	Methiocarb	< 1	7	1/19/17
Butachlor	< 0.1	NR	1/19/17	Methomyl	< 1	NR	1/19/17
Carbaryl	< 1	NR	1/19/17	Methoxychlor	< 0.1	40	1/19/17
Carbofuran	< 1	40	1/19/17	Metolachlor	< 0.1	40	1/19/17
Chlordane	< 0.4	2	1/19/17	Metribuzin	< 0.1	NR	1/19/17
Di (2-ethylhexyl) adipate	< 1	400	1/19/17	Oxamyl (Vydate)	< 1	200	1/19/17
Di (2-Ethylhexyl) phthalate	< 1	6	1/19/17	Pentachlorophenol	< 0.1	1	1/19/17
Dibromochloropropane (DBCP)	< 0.02	0.2	1/19/17	Picloram	< 0.5	500	1/19/17
Dicamba	< 0.5	NR	1/19/17	Propachlor	< 0.1	NR	1/19/17
Dieldrin	< 0.1	NR	1/19/17	Propoxur (Baygon)	< 1	NR	1/19/17
Dinoseb	< 1	7	1/19/17	Simazine	< 0.1	4	1/19/17
				Toxaphene	< 2	3	1/19/17

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	< 3	15	1/21/16
Radium 226 & 228 (pCi/L)	< 1	5	1/21/16
Uranium (µg/L)	6.9	30	1/29/19

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	< 1	15	2017
Copper (mg/L) 90th percentile sample	0.340	1.3	2017

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	1/29/19
Arsenic (mg/L)	<0.001	0.01	1/29/19
Barium (mg/L)	0.0099	2	1/29/19
Beryllium (mg/L)	<0.001	0.004	1/29/19
Cadmium (mg/L)	<0.001	0.005	1/29/19
Chromium (mg/L)	0.0013	0.1	1/29/19
Fluoride (mg/L)	< 0.2	4	1/29/19
Mercury (mg/L)	<0.0001	0.002	1/29/19
Nitrate-N (mg/L)	< 0.2	10	1/7/20
Nitrite-N (mg/L)	< 0.2	1	1/29/19
Selenium (mg/L)	<0.001	0.05	1/29/19
Thallium (mg/L)	<0.001	0.002	1/29/19

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	13	250	1/29/19
Fluoride (mg/L)	< 0.2	2	1/29/19
Iron (mg/L)	< 0.1	0.3	1/29/19
Manganese (mg/L)	0.0087	0.05	1/29/19
pH (Standard Units)	6.76	6.5 – 8.5	1/29/19
Sulfate (mg/L)	18	250	1/29/19
Zinc (mg/L)	0.045	5	1/29/19

DISINFECTION BY-PRODUCTS (a)

Analyte	Results	MCL	Date
Total Trihalomethanes (µg/L)	13	80	7/22/17
Haloacetic Acids (µg/L)	23	60	7/22/17

Microbiological Contaminants (a)

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

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	<1.93	NR	10/7/19
Perfluoroheptanoic acid (PFHpA) (ng/L)	<1.93	NR	10/7/19
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<1.93	NR	10/7/19
Perfluorononanoic acid (PFNA) (ng/L)	<1.93	NR	10/7/19
Perfluorooctane sulfonate (PFOS) (ng/L)	<1.93	70*	10/7/19
Perfluorooctanoic acid (PFOA) (ng/L)	4.75		10/7/19

*PFOS + PFOA can not exceed 70 ng/L

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	91	1/29/19
Calcium (mg/L)	33.4	1/29/19
Copper (mg/L)	0.0141	1/29/19
Hardness, Total as CaCO ₃ (mg/L)	101	1/29/19
Magnesium (mg/L)	4.2	1/29/19
Nickel (µg/L)	<0.001	1/29/19
Radon Gas (pCi/L)	1,840	4/17/18
Sodium (mg/L)	6.13	1/29/19

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Two bedrock wells. Well # 1 is located 450 feet northeast of the pump station. Well # 2 is located 550 feet east of the pump station.

Treatment: Chlorination of kill bacteria, aeration to reduce radon levels, filtration to reduce iron and mananese levels, and pH adjustment using sodium hydroxide to reduce corrosion.

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 Lter 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 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.