

WATER QUALITY REPORT
Spruce Pond, Windham, NH
EPA # 2542180

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	12/14/17	Chloroform	< 0.5	80	12/14/17
1,1,1-Trichloroethane	< 0.5	200	12/14/17	Chloromethane	< 0.5	NR	12/14/17
1,1,2,2-Tetrachloroethane	< 0.5	NR	12/14/17	cis-1, 2-Dichloroethylene	< 0.5	70	12/14/17
1,1,2-Trichloroethane	< 0.5	5	12/14/17	cis-1, 3-Dichloropropylene	< 0.5	NR	12/14/17
1,1-Dichloroethane	< 0.5	NR	12/14/17	Dibromochloromethane	2.2	80	12/14/17
1,1-Dichloroethylene	< 0.5	7	12/14/17	Dibromomethane	< 0.5	NR	12/14/17
1,1-Dichloropropylene	< 0.5	NR	12/14/17	Dichlorodifluoromethane	< 0.5	NR	12/14/17
1,2,3-Trichlorobenzene	< 0.5	NR	12/14/17	Diethyl ether	< 0.5	NR	12/14/17
1,2,3-Trichloropropane	< 0.5	NR	12/14/17	Diisopropyl Ether (DIPE)	< 0.5	NR	12/14/17
1,2,4-Trichlorobenzene	< 0.5	70	12/14/17	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	12/14/17
1,2,4-Trimethylbenzene	< 0.5	NR	12/14/17	Ethylbenzene	< 0.5	700	12/14/17
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	12/14/17	Hexachlorobutadiene	< 0.5	NR	12/14/17
1,2-Dibromoethane	< 0.5	NR	12/14/17	Isopropylbenzene	< 0.5	NR	12/14/17
1,2-Dichlorobenzene	< 0.5	600	12/14/17	m/p - Xylenes	< 0.5	NR	12/14/17
1,2-Dichloroethane	< 0.5	5	12/14/17	Methylene chloride	< 0.5	5	12/14/17
1,2-Dichloropropane	< 0.5	5	12/14/17	Methyl-t-butyl-ether (MtBE)	< 0.5	13	12/14/17
1,3,5-Trimethylbenzene	< 0.5	NR	12/14/17	Napthalene	< 0.5	NR	12/14/17
1,3-Dichlorobenzene	< 0.5	NR	12/14/17	n-Butylbenzene	< 0.5	NR	12/14/17
1,3-Dichloropropane	< 0.5	NR	12/14/17	Nitrobenzene	<10	NR	12/14/17
1,4-Dichlorobenzene	< 0.5	75	12/14/17	n-Propylbenzene	< 0.5	NR	12/14/17
2,2-Dichloropropane	< 0.5	NR	12/14/17	o-Xylene	< 0.5	NR	12/14/17
2-Butanone (MEK)	<10	NR	12/14/17	sec Butylbenzene	< 0.5	NR	12/14/17
2-Chlorotoluene	<0.5	0.5	12/14/17	Styrene	< 0.5	100	12/14/17
4 Methyl-2-Pentanone (MIBK)	<10	NR	10/13/14	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	12/14/17
4-Chlorotoluene	<0.5	0.5	12/14/17	Tert-Butyl Alcohol (TBA)	<10	NR	12/14/17
4-Isopropyltoluene	< 0.5	NR	12/14/17	Tert-Butylbenzene	< 0.5	NR	12/14/17
Acetone	35	NR	12/14/17	Tetrachloroethylene	< 0.5	5	12/14/17
Benzene	< 0.5	5	12/14/17	Tetrahydrofuran	<10	NR	12/14/17
Bromobenzene	< 0.5	NR	12/14/17	Toluene	< 0.5	1000	12/14/17
Bromochloromethane	< 0.5	NR	12/14/17	Total Trihalomethanes	0.6	80	12/14/17
Bromodichloromethane	1	80	12/14/17	Total Xylenes	< 0.5	10,000	12/14/17
Bromoform	0.6	80	12/14/17	Trans-1, 2-Dichloroethylene	< 0.5	100	12/14/17
Bromomethane	< 0.5	NR	12/14/17	Trans-1, 3-Dichloropropylene	< 0.5	NR	12/14/17
Carbon Disulfide	< 0.5	NR	12/14/17	Trichloroethylene	< 0.5	5	12/14/17
Carbon Tetrachloride	< 0.5	5	12/14/17	Trichlorofluoromethane	< 0.5	NR	12/14/17
Chlorobenzene	< 0.5	100	12/14/17	Vinyl chloride	< 0.5	2	12/14/17
Chloroethane	<0.5	NR	12/14/17				

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	10/13/14	Diquat		20	
2,4-D	< 1	70	10/13/14	Endrin	< 0.1	2	10/13/14
3-Hydroxycarbofuran	< 1	NR	10/13/14	Ethylene dibromide (EDB)	< 0.02	0.05	10/13/14
Alachlor	< 0.1	2	10/13/14	Glyphosate	< 10	700	10/13/14
Aldicarb	< 1	NR	10/13/14	Heptachlor	< 0.1	0.4	10/13/14
Aldicarb Sulfone	< 1	NR	10/13/14	Heptachlor Epoxide	< 0.1	0.2	10/13/14
Aldicarb Sulfoxide	< 1	NR	10/13/14	Hexachlorobenzene	< 0.1	1	10/13/14
Aldrin	< 0.1	NR	10/13/14	Hexachlorocyclopentadiene	< 0.1	50	10/13/14
Atrazine	< 0.1	3	10/13/14	Lindane	< 0.1	0.2	10/13/14
Benzo(a)pyrene	< 0.1	0.2	10/13/14	Methiocarb	< 1	7	10/13/14
Butachlor	< 0.1	NR	10/13/14	Methomyl	< 1	NR	10/13/14
Carbaryl	< 1	NR	10/13/14	Methoxychlor	< 0.1	40	10/13/14
Carbofuran	< 1	40	10/13/14	Metolachlor	< 0.1	40	10/13/14
Chlordane	< 0.4	2	10/13/14	Metribuzin	< 0.1	NR	10/13/14
Di (2-ethylhexyl) adipate	< 1	400	10/13/14	Oxamyl (Vydate)	< 1	200	10/13/14
Di (2-Ethylhexyl) phthalate	< 1	6	10/13/14	Pentachlorophenol	< 0.1	1	10/13/14
Dibromochloropropane (DBCP)	< 0.02	0.2	10/13/14	Picloram	< 0.5	500	10/13/14
Dicamba	< 0.5	NR	10/13/14	Propachlor	< 0.1	NR	10/13/14
Dieldrin	< 0.1	NR	10/13/14	Propoxur (Baygon)	< 1	NR	10/13/14
Dinoseb	< 1	7	10/13/14	Simazine	< 0.1	4	10/13/14
				Toxaphene	< 2	3	10/13/14

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	4	15	10/13/14
Radium 226 & 228 (pCi/L)	0.4	5	10/13/14
Uranium (µg/L)	< 1	30	10/13/14

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	2.4	15	2016
Copper (mg/L) 90th percentile sample	0.025	1.3	2016

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	10/23/18
Arsenic (mg/L)	<0.001	0.01	10/23/18
Barium (mg/L)	0.0172	2	10/23/18
Beryllium (mg/L)	<0.001	0.004	10/23/18
Cadmium (mg/L)	<0.001	0.005	10/23/18
Chromium (mg/L)	0.0011	0.1	10/23/18
Fluoride (mg/L)	0.28	4	10/23/18
Mercury (mg/L)	<0.0001	0.002	10/23/18
Nitrate-N (mg/L)	< 0.2	10	10/23/18
Nitrite-N (mg/L)	< 0.2	1	10/23/18
Selenium (mg/L)	<0.001	0.05	10/23/18
Thallium (mg/L)	<0.001	0.002	10/23/18

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	292	250	10/23/18
Fluoride (mg/L)	0.28	2	10/23/18
Iron (mg/L)	0.21	0.3	10/23/18
Manganese (mg/L)	0.0014	0.05	10/23/18
pH (Standard Units)	7.58	6.5 – 8.5	10/23/18
Sulfate (mg/L)	20	250	10/23/18
Zinc (mg/L)	0.021	5	10/23/18

DISINFECTION BY-PRODUCTS (a)

Analyte	Results	MCL	Date
Total Trihalomethanes (µg/L)	2.8	80	8/17/16
Haloacetic Acids (µg/L)	1.2	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	

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	6.21	NR	10/24/18
Perfluoroheptanoic acid (PFHpA) (ng/L)	2.82	NR	10/24/18
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	2.22	NR	10/24/18
Perfluorononanoic acid (PFNA) (ng/L)	< 1.81	NR	10/24/18
Perfluorooctane sulfonate (PFOS) (ng/L)	< 5	70*	10/24/18
Perfluorooctanoic acid (PFOA) (ng/L)	10.6		10/24/18

*PFOS + PFOA can not exceed 70 ng/L

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	87	10/23/18
Calcium (mg/L)	72.7	10/23/18
Copper (mg/L)	0.0035	10/23/18
Hardness, Total as CaCO ₃ (mg/L)	211	10/23/18
Magnesium (mg/L)	7.12	10/23/18
Nickel (mg/L)	0.0014	10/23/18
Radon Gas (pCi/L)	2,178	7/18/19
Sodium (mg/L)	142	10/23/18

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Two bedrock wells.

Treatment: Softening to reduce water hardness, iron, and manganese; chlorine addition for disinfection; and phosphates to corrosion control an iron and manganese sequestration.

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 Gary Tetley, Lab Director, 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.