

WATER QUALITY REPORT
Hardwood, Windham, NH
EPA # 2542060

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	10/30/19	Chloroform	1.7	NR	10/30/19
1,1,1-Trichloroethane	< 0.5	200	10/30/19	Chloromethane	< 0.5	NR	10/30/19
1,1,2,2-Tetrachloroethane	< 0.5	NR	10/30/19	cis-1, 2-Dichloroethylene	< 0.5	70	10/30/19
1,1,2-Trichloroethane	< 0.5	5	10/30/19	cis-1, 3-Dichloropropylene	< 0.5	NR	10/30/19
1,1-Dichloroethane	< 0.5	NR	10/30/19	Dibromochloromethane	3.7	NR	10/30/19
1,1-Dichloroethylene	< 0.5	7	10/30/19	Dibromomethane	< 0.5	NR	10/30/19
1,1-Dichloropropylene	< 0.5	NR	10/30/19	Dichlorodifluoromethane	< 0.5	NR	10/30/19
1,2,3-Trichlorobenzene	< 0.5	NR	10/30/19	Diethyl ether	< 0.5	NR	10/30/19
1,2,3-Trichloropropane	< 0.5	NR	10/30/19	Diisopropyl Ether (DIPE)	< 0.5	NR	10/30/19
1,2,4-Trichlorobenzene	< 0.5	70	10/30/19	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	10/30/19
1,2,4-Trimethylbenzene	< 0.5	NR	10/30/19	Ethylbenzene	< 0.5	700	10/30/19
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	10/30/19	Hexachlorobutadiene	< 0.5	NR	10/30/19
1,2-Dibromoethane	< 0.5	0.05	10/30/19	Isopropylbenzene	< 0.5	NR	10/30/19
1,2-Dichlorobenzene	< 0.5	600	10/30/19	m/p - Xylenes	<1	NR	10/30/19
1,2-Dichloroethane	< 0.5	5	10/30/19	Methyl ethyl ketone (MEK) 2-Butanone	<10	NR	1/29/18
1,2-Dichloropropane	< 0.5	5	10/30/19	Methylene chloride	< 0.5	5	10/30/19
1,3,5-Trimethylbenzene	< 0.5	NR	10/30/19	Methyl-t-butyl-ether (MtBE)	< 0.5	13	10/30/19
1,3-Dichlorobenzene	< 0.5	NR	10/30/19	Napthalene	< 0.5	NR	10/30/19
1,3-Dichloropropane	< 0.5	NR	10/30/19	n-Butylbenzene	< 0.5	NR	10/30/19
1,4-Dichlorobenzene	< 0.5	75	10/30/19	Nitrobenzene	NT	NR	10/30/19
2,2-Dichloropropane	NT	NR	10/30/19	n-Propylbenzene	< 0.5	NR	1/29/18
2-Butanone (MEK)	NT	NR	10/30/19	o-Xylene	< 0.5	NR	10/30/19
2-Chlorotoluene	<0.5	NR	10/30/19	sec Butylbenzene	< 0.5	NR	10/30/19
2-Hexanone	NT	NR	10/30/19	Styrene	< 0.5	100	10/30/19
4 Methyl-2-Pentanone (MIBK)	NT	NR	10/30/19	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	10/30/19
4-Chlorotoluene	<0.5	NR	10/30/19	Tert-Butyl Alcohol (TBA)	<10	NR	10/30/19
4-Isopropyltoluene	< 0.5	NR	10/30/19	Tert-Butylbenzene	< 0.5	NR	10/30/19
Acetone	NT	NR	10/30/19	Tetrachloroethylene	< 0.5	5	10/30/19
Benzene	< 0.5	5	10/30/19	Tetrachloromethane	< 0.5	NR	1/29/18
Bromobenzene	< 0.5	NR	10/30/19	Tetrahydrofuran	<10	NR	10/30/19
Bromochloromethane	< 0.5	NR	10/30/19	Toluene	< 0.5	1000	10/30/19
Bromodichloromethane	3.8	NR	10/30/19	Total Trihalomethanes	10	80	10/30/19
Bromoform	1	NR	10/30/19	Total Xylenes	< 0.5	10,000	10/30/19
Bromomethane	< 0.5	NR	10/30/19	Trans-1, 2-Dichloroethylene	< 0.5	100	10/30/19
Carbon Disulfide	< 0.5	NR	10/30/19	Trans-1, 3-Dichloropropylene	< 0.5	NR	10/30/19
Carbon Tetrachloride	< 0.5	5	10/30/19	Trichloroethylene	< 0.5	5	10/30/19
Chlorobenzene	< 0.5	100	10/30/19	Trichlorofluoromethane	< 0.5	2	10/30/19
Chloroethane	NT	NR	10/30/19	Vinyl chloride	< 0.5	NR	10/30/19

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	10/30/19	Glyphosate	< 10	700	10/30/19
2,4-D	< 1	70	10/30/19	Heptachlor	< 0.1	0.4	10/30/19
3-Hydroxycarbofuran	< 1	NR	10/30/19	Heptachlor Epoxide	< 0.1	0.2	10/30/19
Alachlor	< 0.1	2	10/30/19	Hexachlorobenzene	< 0.1	1	10/30/19
Aldicarb	< 1	3	10/30/19	Hexachlorocyclopentadiene	< 0.1	50	10/30/19
Aldicarb Sulfone	< 1	2	10/30/19	Lindane	< 0.1	0.2	10/30/19
Aldicarb Sulfoxide	< 1	4	10/30/19	Methiocarb	< 1	NR	10/30/19
Aldrin	< 0.1	NR	10/30/19	Methomyl	< 1	NR	10/30/19
Atrazine	< 0.1	3	10/30/19	Methoxychlor	< 0.1	40	10/30/19
Benzo(a)pyrene	< 0.1	0.2	10/30/19	Metolachlor	< 0.1	NR	10/30/19
Butachlor	< 0.1	NR	10/30/19	Metribuzin	< 0.1	NR	10/30/19
Carbaryl	< 1	NR	10/30/19	Oxamyl (Vydate)	< 1	200	10/30/19
Carbofuran	< 1	40	10/30/19	PCB Aroclor 1016	<0.2	NR	10/30/19
Chlordane	< 0.4	2	10/30/19	PCB Aroclor 1221	<0.2	NR	10/30/19
Dalapon	< 1	200	10/30/19	PCB Aroclor 1232	<0.2	NR	10/30/19
Di (2-ethylhexyl) adipate	< 1	400	10/30/19	PCB Aroclor 1242	<0.2	NR	10/30/19
Di (2-Ethylhexyl) phthalate	< 1	6	10/30/19	PCB Aroclor 1248	<0.2	NR	10/30/19
Dicamba	< 0.5	NR	10/30/19	PCB Aroclor 1254	<0.2	NR	10/30/19
Dieldrin	< 0.1	NR	10/30/19	PCB Aroclor 1260	<0.2	NR	10/30/19
Dinoseb	< 1	7	10/30/19	Pentachlorophenol	< 0.1	1	10/30/19
Diquat	<1	NR	10/30/19	Picloram	<2	500	10/30/19
Endrin	< 0.1	2	10/30/19	Propachlor	< 0.1	NR	10/30/19
Ethylene dibromide (EDB)	< 0.02	0.05	10/30/19	Propoxur (Baygon)	< 1	NR	10/30/19
				Simazine	< 0.1	4	10/30/19
				Toxaphene	< 2	3	10/30/19

RADIOLOGICAL CONTAMINANTS (b)

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Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	< 3	15	5/7/18
Radium 226 & 228 (pCi/L)	< 1	5	5/7/18
Uranium (µg/L)	1.3	30	5/7/18

FIRST DRAW LEAD AND COPPER (a)			
Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	0.004	15	2022
Copper (mg/L) 90th percentile sample	0.41	1.3	2022

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	10/27/20
Arsenic (mg/L)	<0.001	0.01	10/27/20
Barium (mg/L)	0.0035	2	10/27/20
Beryllium (mg/L)	<0.001	0.004	10/27/20
Cadmium (mg/L)	<0.001	0.005	10/27/20
Chromium (mg/L)	<0.001	0.1	10/27/20
Fluoride (mg/L)	< 0.2	4	10/27/20
Mercury (mg/L)	<0.0001	0.002	10/27/20
Nitrate-N (mg/L)	<0.2	10	10/6/21
Nitrite-N (mg/L)	< 0.2	1	10/27/20
Selenium (mg/L)	<0.001	0.05	10/27/20
Thallium (mg/L)	<0.001	0.002	10/27/20
Cyanide (mg/L)	<0.02	0.2	10/27/20

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	110	250	10/27/20
Fluoride (mg/L)	< 0.2	2	10/27/20
Iron (mg/L)	<0.01	0.3	10/27/20
Manganese (mg/L)	0.0074	0.05	10/27/20
pH (Standard Units)	7.59	6.5 – 8.5	10/27/20
Sulfate (mg/L)	25	250	10/27/20
Zinc (mg/L)	0.01	5	10/27/20

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)

Total Trihalomethanes (µg/L)	20	80	7/6/22
Haloacetic Acids (µg/L)	9.5-11	60	7/6/22

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	143	6/2/20
Calcium (mg/L)	38	10/27/20
Copper (mg/L)	0.016	10/27/20
Hardness, Total as CaCO ₃ (mg/L)	122	9/21/17
Magnesium (mg/L)	4.1	10/27/20
Nickel (µg/L)	0.0011	10/27/20
Radon Gas (pCi/L)	1,112	4/6/21
Sodium (mg/L)	96.9	10/27/20

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	4.74	NR	10/22/19
Perfluoroheptanoic acid (PFHpA) (ng/L)	<1.78	NR	10/22/19
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	2.71	18ppt	10/22/19
Perfluorononanoic acid (PFNA) (ng/L)	<1.78	11ppt	10/22/19
Perfluorooctane sulfonate (PFOS) (ng/L)	4.99	70*	10/22/19
Perfluorooctanoic acid (PFOA) (ng/L)	8.58		10/22/19

*PFOS + PFOA can not exceed 70 ng/L

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Three bedrock wells.

Treatment: Chlorination for disinfection; filtration to reduce iron and manganese; softeners to reduce hardness; sodium hydroxide addition to increase pH to aid in corrosion control; phosphate addition for additional 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.