

WATER QUALITY REPORT
Goldenbrook, Windham, NH
EPA # 2542010

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	7/19/17	Chloroform	< 0.5	80	7/19/17
1,1,1-Trichloroethane	< 0.5	200	7/19/17	Chloromethane	< 0.5	NR	7/19/17
1,1,2,2-Tetrachloroethane	< 0.5	NR	7/19/17	cis-1, 2-Dichloroethylene	< 0.5	70	7/19/17
1,1,2-Trichloroethane	< 0.5	5	7/19/17	cis-1, 3-Dichloropropylene	< 0.5	NR	7/19/17
1,1-Dichloroethane	< 0.5	NR	7/19/17	Dibromochloromethane	0.5	80	7/19/17
1,1-Dichloroethylene	< 0.5	7	7/19/17	Dibromomethane	< 0.5	NR	7/19/17
1,1-Dichloropropylene	< 0.5	NR	7/19/17	Dichlorodifluoromethane	< 0.5	NR	7/19/17
1,2,3-Trichlorobenzene	< 0.5	NR	7/19/17	Diethyl ether	< 0.5	NR	7/19/17
1,2,3-Trichloropropane	< 0.5	NR	7/19/17	Diisopropyl Ether (DIPE)	< 0.5	NR	7/19/17
1,2,4-Trichlorobenzene	< 0.5	70	7/19/17	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	7/19/17
1,2,4-Trimethylbenzene	< 0.5	NR	7/19/17	Ethylbenzene	< 0.5	700	7/19/17
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	7/19/17	Hexachlorobutadiene	< 0.5	NR	7/19/17
1,2-Dibromoethane	< 0.5	NR	7/19/17	Isopropylbenzene	< 0.5	NR	7/19/17
1,2-Dichlorobenzene	< 0.5	600	7/19/17	m/p - Xylenes	< 0.5	NR	7/19/17
1,2-Dichloroethane	< 0.5	5	7/19/17	Methyl ethyl ketone (MEK) 2-Butanone	<10	NR	7/19/17
1,2-Dichloropropane	< 0.5	5	7/19/17	Methylene chloride	< 0.5	5	7/19/17
1,3,5-Trimethylbenzene	< 0.5	NR	7/19/17	Methyl-t-butyl-ether (MtBE)	< 0.5	13	7/19/17
1,3-Dichlorobenzene	< 0.5	NR	7/19/17	Napthalene	< 0.5	NR	7/19/17
1,3-Dichloropropane	< 0.5	NR	7/19/17	n-Butylbenzene	< 0.5	NR	7/19/17
1,4-Dichlorobenzene	< 0.5	75	7/19/17	Nitrobenzene	<10	NR	7/19/17
2,2-Dichloropropane	< 0.5	NR	7/19/17	n-Propylbenzene	< 0.5	NR	7/19/17
2-Butanone (MEK)	<10	NR	7/19/17	o-Xylene	< 0.5	NR	7/19/17
2-Chlorotoluene	<0.5	0.5	7/19/17	sec Butylbenzene	< 0.5	NR	7/19/17
2-Hexanone	<10	NR	7/19/17	Styrene	< 0.5	100	7/19/17
4 Methyl-2-Pentanone (MIBK)	<10	NR	7/19/17	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	7/19/17
4-Chlorotoluene	<0.5	0.5	7/19/17	Tert-Butyl Alcohol (TBA)	<10	NR	7/19/17
4-Isopropyltoluene	< 0.5	NR	7/19/17	Tert-Butylbenzene	< 0.5	NR	7/19/17
Acetone	<10	NR	7/19/17	Tetrachloroethylene	< 0.5	5	7/19/17
Benzene	< 0.5	5	7/19/17	Tetrachloromethane	< 0.5	NR	7/19/17
Bromobenzene	< 0.5	NR	7/19/17	Tetrahydrofuran	<10	NR	7/19/17
Bromochloromethane	< 0.5	NR	7/19/17	Toluene	< 0.5	1000	7/19/17
Bromodichloromethane	< 0.5	80	7/19/17	Total Trihalomethanes	0.5	80	7/19/17
Bromoform	0.5	80	7/19/17	Total Xylenes	< 0.5	10,000	7/19/17
Bromomethane	< 0.5	NR	7/19/17	Trans-1, 2-Dichloroethylene	< 0.5	100	7/19/17
Carbon Disulfide	< 0.5	NR	7/19/17	Trans-1, 3-Dichloropropylene	< 0.5	NR	7/19/17
Carbon Tetrachloride	< 0.5	5	7/19/17	Trichloroethylene	< 0.5	5	7/19/17
Chlorobenzene	< 0.5	100	7/19/17	Trichlorofluoromethane	< 0.5	NR	7/19/17
Chloroethane	<0.5	NR	7/19/17	Vinyl chloride	< 0.5	2	7/19/17

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	7/19/17	Glyphosate	< 10	700	7/19/17
2,4-D	< 1	70	7/19/17	Heptachlor	< 0.1	0.4	7/19/17
3-Hydroxycarbofuran	< 1	NR	7/19/17	Heptachlor Epoxide	< 0.1	0.2	7/19/17
Alachlor	< 0.1	2	7/19/17	Hexachlorobenzene	< 0.1	1	7/19/17
Aldicarb	< 1	NR	7/19/17	Hexachlorocyclopentadiene	< 0.1	50	7/19/17
Aldicarb Sulfone	< 1	NR	7/19/17	Lindane	< 0.1	0.2	7/19/17
Aldicarb Sulfoxide	< 1	NR	7/19/17	Methiocarb	< 1	7	7/19/17
Aldrin	< 0.1	NR	7/19/17	Methomyl	< 1	NR	7/19/17
Atrazine	< 0.1	3	7/19/17	Methoxychlor	< 0.1	40	7/19/17
Benzo(a)pyrene	< 0.1	0.2	7/19/17	Metolachlor	< 0.1	40	7/19/17
Butachlor	< 0.1	NR	7/19/17	Metribuzin	< 0.1	NR	7/19/17
Carbaryl	< 1	NR	7/19/17	Oxamyl (Vydate)	< 1	200	7/19/17
Carbofuran	< 1	40	7/19/17	PCB Aroclor 1016	<0.2	NR	7/19/17
Chlordane	< 0.4	2	7/19/17	PCB Aroclor 1221	<0.2	NR	7/19/17
Dalapon	<1	200	7/19/17	PCB Aroclor 1232	<0.2	NR	7/19/17
Di (2-ethylhexyl) adipate	< 1	400	7/19/17	PCB Aroclor 1242	<0.2	NR	7/19/17
Di (2-Ethylhexyl) phthalate	< 1	6	7/19/17	PCB Aroclor 1248	<0.2	NR	7/19/17
Dibromochloropropane (DBCP)	< 0.02	0.2	7/19/17	PCB Aroclor 1254	<0.2	NR	7/19/17
Dicamba	< 0.5	NR	7/19/17	PCB Aroclor 1260	<0.2	NR	7/19/17
Dieldrin	< 0.1	NR	7/19/17	Pentachlorophenol	< 0.1	1	7/19/17
Dinoseb	< 1	7	7/19/17	Picloram	< 0.5	500	7/19/17
Diquat		20		Propachlor	< 0.1	NR	7/19/17
Endrin	< 0.1	2	7/19/17	Propoxur (Baygon)	< 1	NR	7/19/17
Ethylene dibromide (EDB)	< 0.02	0.05	7/19/17	Simazine	< 0.1	4	7/19/17
				Toxaphene	< 2	3	7/19/17

RADIOLOGICAL CONTAMINANTS (b)

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Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	0.4	15	7/8/15
Radium 226 & 228 (pCi/L)	1.3	5	7/8/15
Uranium (µg/L)	< 1	30	7/8/15

FIRST DRAW LEAD AND COPPER (a)			
Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	2	15	2018
Copper (mg/L) 90th percentile sample	0.896	1.3	2018

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	< 1	0.006	7/19/17
Arsenic (mg/L)	< 1	0.01	7/19/17
Barium (mg/L)	0.0153	2	7/19/17
Beryllium (mg/L)	< 1	0.004	7/19/17
Cadmium (mg/L)	< 1	0.005	7/19/17
Chromium (mg/L)	< 1	0.1	7/19/17
Fluoride (mg/L)	< 0.2	4	7/19/17
Mercury (mg/L)	< 0.1	0.002	7/19/17
Nitrate-N (mg/L)	2.15	10	7/16/19
Nitrite-N (mg/L)	< 0.2	1	7/16/19
Selenium (mg/L)	< 5	0.05	7/19/17
Thallium (mg/L)	< 1	0.002	7/19/17

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	32	250	7/19/17
Fluoride (mg/L)	< 0.2	2	7/19/17
Iron (mg/L)	< 0.1	0.3	7/19/17
Manganese (mg/L)	0.0013	0.05	7/19/17
pH (Standard Units)	7.37	6.5 – 8.5	7/19/17
Sulfate (mg/L)	14	250	7/19/17
Zinc (mg/L)	0.39	5	7/19/17

DISINFECTION BY-PRODUCTS (a)

Analyte	Results	MCL	Date
Total Trihalomethanes (µg/L)	2.3	80	7/16/19
Haloacetic Acids (µg/L)	< 1	60	7/16/19

Microbiological Contaminants (a)

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

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	2.1	NR	10/22/19
Perfluoroheptanoic acid (PFHpA) (ng/L)	<1.74	NR	10/22/19
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<1.74	NR	10/22/19
Perfluorononanoic acid (PFNA) (ng/L)	<1.74	NR	10/22/19
Perfluorooctane sulfonate (PFOS) (ng/L)	<1.74	70*	10/22/19
Perfluorooctanoic acid (PFOA) (ng/L)	2.86		10/22/19

*PFOS + PFOA can not exceed 70 ng/L

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	66	7/19/17
Calcium (mg/L)	18.5	7/19/17
Copper (mg/L)	0.006	7/19/17
Hardness, Total as CaCO ₃ (mg/L)	56.9	7/19/17
Magnesium (mg/L)	2.61	7/19/17
Nickel (µg/L)	< 1	7/19/17
Radon Gas (pCi/L)	1,720	7/18/17
Sodium (mg/L)	32.1	7/19/17

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Three bedrock wells.

Treatment: Chlorination for disinfection; phosphate for corrosion control; sodium hydroxide to increase 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.