

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	7/19/24	Chloroform	< 0.5	80	7/19/24
1,1,1-Trichloroethane	< 0.5	200	7/19/24	Chloromethane	< 0.5	NR	7/19/24
1,1,2,2-Tetrachloroethane	< 0.5	NR	7/19/24	cis-1, 2-Dichloroethylene	< 0.5	70	7/19/24
1,1,2-Trichloroethane	< 0.5	5	7/19/24	cis-1, 3-Dichloropropylene	< 0.5	NR	7/19/24
1,1-Dichloroethane	< 0.5	NR	7/19/24	Dibromochloromethane	1	80	7/19/24
1,1-Dichloroethylene	< 0.5	7	7/19/24	Dibromomethane	< 0.5	NR	7/19/24
1,1-Dichloropropylene	< 0.5	NR	7/19/24	Dichlorodifluoromethane	< 0.5	NR	7/19/24
1,2,3-Trichlorobenzene	< 0.5	NR	7/19/24	Diethyl ether	< 0.5	NR	7/19/24
1,2,3-Trichloropropane	< 0.5	NR	7/19/24	Diisopropyl Ether (DIPE)	< 0.5	NR	7/19/24
1,2,4-Trichlorobenzene	< 0.5	70	7/19/24	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	7/19/24
1,2,4-Trimethylbenzene	< 0.5	NR	7/19/24	Ethylbenzene	< 0.5	700	7/19/24
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	7/19/24	Hexachlorobutadiene	< 0.5	NR	7/19/24
1,2-Dibromoethane	< 0.5	NR	7/19/24	Isopropylbenzene	< 0.5	NR	7/19/24
1,2-Dichlorobenzene	< 0.5	600	7/19/24	m/p - Xylenes	<1	NR	7/19/24
1,2-Dichloroethane	< 0.5	5	7/19/24	Methyl ethyl ketone (MEK) 2-Butanone	<10	NR	7/19/17
1,2-Dichloropropane	< 0.5	5	7/19/24	Methylene chloride	< 0.5	5	7/19/24
1,3,5-Trimethylbenzene	< 0.5	NR	7/19/24	Methyl-t-butyl-ether (MtBE)	< 0.5	13	7/19/24
1,3-Dichlorobenzene	< 0.5	NR	7/19/24	Napthalene	< 0.5	NR	7/19/24
1,3-Dichloropropane	< 0.5	NR	7/19/24	n-Butylbenzene	< 0.5	NR	7/19/24
1,4-Dichlorobenzene	< 0.5	75	7/19/24	Nitrobenzene	<10	NR	7/19/17
2,2-Dichloropropane	< 0.5	NR	7/19/17	n-Propylbenzene	< 0.5	NR	7/19/24
2-Butanone (MEK)	<10	NR	7/19/17	o-Xylene	< 0.5	NR	7/19/24
2-Chlorotoluene	<0.5	0.5	7/19/24	sec Butylbenzene	< 0.5	NR	7/19/24
2-Hexanone	<10	NR	7/19/17	Styrene	< 0.5	100	7/19/24
4 Methyl-2-Pentanone (MIBK)	<10	NR	7/19/17	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	7/19/24
4-Chlorotoluene	<0.5	0.5	7/19/24	Tert-Butyl Alcohol (TBA)	<10	NR	7/19/24
4-Isopropyltoluene	< 0.5	NR	7/19/24	Tert-Butylbenzene	< 0.5	NR	7/19/24
Acetone	<10	NR	7/19/17	Tetrachloroethylene	< 0.5	5	7/19/24
Benzene	< 0.5	5	7/19/24	Tetrachloromethane	< 0.5	NR	7/6/23
Bromobenzene	< 0.5	NR	7/19/24	Tetrahydrofuran	<10	NR	7/19/24
Bromochloromethane	< 0.5	NR	7/19/24	Toluene	< 0.5	1000	7/19/24
Bromodichloromethane	0.5	80	7/19/24	Total Trihalomethanes	1.5	80	7/19/24
Bromoform	<0.5	80	7/19/24	Total Xylenes	< 0.5	10,000	7/19/24
Bromomethane	< 0.5	NR	7/19/24	Trans-1, 2-Dichloroethylene	< 0.5	100	7/19/24
Carbon Disulfide	< 0.5	NR	7/19/24	Trans-1, 3-Dichloropropylene	< 0.5	NR	7/19/24
Carbon Tetrachloride	< 0.5	5	7/19/24	Trichloroethylene	< 0.5	5	7/19/24
Chlorobenzene	< 0.5	100	7/19/24	Trichlorofluoromethane	< 0.5	NR	7/19/24
Chloroethane	<0.5	NR	7/19/17	Vinyl chloride	< 0.5	2	7/19/24

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	7/19/24	Glyphosate	< 10	700	7/16/24
2,4-D	< 1	70	7/19/24	Heptachlor	< 0.1	0.4	7/23/24
3-Hydroxycarbofuran	< 1	NR	8/1/24	Heptachlor Epoxide	< 0.1	0.2	7/23/24
Alachlor	< 0.1	2	7/23/24	Hexachlorobenzene	< 0.1	1	7/23/24
Aldicarb	< 1	NR	8/1/24	Hexachlorocyclopentadiene	< 0.1	50	7/23/24
Aldicarb Sulfone	< 1	NR	8/1/24	Lindane	< 0.1	0.2	7/23/24
Aldicarb Sulfoxide	< 1	NR	8/1/24	Methiocarb	< 1	7	8/1/24
Aldrin	< 0.1	NR	7/23/24	Methomyl	< 1	NR	8/1/24
Atrazine	< 0.1	3	7/23/24	Methoxychlor	< 0.1	40	7/23/24
Benzo(a)pyrene	< 0.1	0.2	7/23/24	Metolachlor	< 0.1	40	7/23/24
Butachlor	< 0.1	NR	7/23/24	Metribuzin	< 0.1	NR	7/23/24
Carbaryl	< 1	NR	8/1/24	Oxamyl (Vydate)	< 1	200	8/1/24
Carbofuran	< 1	40	8/1/24	PCB Aroclor 1016	<0.08	NR	7/24/24
Chlordane	< 0.4	2	7/24/24	PCB Aroclor 1221	<0.08	NR	7/24/24
Dalapon	<1	200	7/19/24	PCB Aroclor 1232	<0.08	NR	7/24/24
Di (2-ethylhexyl) adipate	< 1	400	7/23/24	PCB Aroclor 1242	<0.08	NR	7/24/24
Di (2-Ethylhexyl) phthalate	< 1	6	7/23/24	PCB Aroclor 1248	<0.08	NR	7/24/24
Dibromochloropropane (DBCP)	< 0.02	0.2	7/6/23	PCB Aroclor 1254	<0.08	NR	7/24/24
Dicamba	< 0.5	NR	7/19/24	PCB Aroclor 1260	<0.08	NR	7/24/24
Dieldrin	< 0.1	NR	7/23/24	Pentachlorophenol	< 0.1	1	7/19/24
Dinoseb	< 1	7	7/19/24	Picloram	<2	500	7/19/24
Diquat	<1	20	7/17/24	Propachlor	< 0.1	NR	7/23/24
Endrin	< 0.1	2	7/23/24	Propoxur (Baygon)	< 1	NR	8/1/24
Ethylene dibromide (EDB)	< 0.02	0.05	7/24/24	Simazine	< 0.1	4	7/23/24
				Toxaphene	< 2	3	7/24/24

RADIOLOGICAL CONTAMINANTS (b)

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Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	<3	15	7/25/24
Radium 226 & 228 (pCi/L)	< 1	5	7/7/21
Uranium (µg/L)	< 1	30	7/15/24

FIRST DRAW LEAD AND COPPER (a)			
Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	0	15	2024
Copper (mg/L) 90th percentile sample	0.254	1.3	2024

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	7/6/23
Arsenic (mg/L)	<0.001	0.01	7/6/23
Barium (mg/L)	0.0181	2	7/6/23
Beryllium (mg/L)	<0.001	0.004	7/6/23
Cadmium (mg/L)	<0.001	0.005	7/6/23
Chromium (mg/L)	<0.001	0.1	7/6/23
Fluoride (mg/L)	< 0.2	4	7/6/23
Mercury (mg/L)	<0.0001	0.002	7/6/23
Nitrate-N (mg/L)	2.06	10	7/13/24
Nitrite-N (mg/L)	< 0.2	1	7/13/22
Selenium (mg/L)	<0.001	0.05	7/6/23
Thallium (mg/L)	<0.001	0.002	7/6/23
Cyanide (mg/L)	<0.02	0.2	7/6/23

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	39	250	7/6/23
Fluoride (mg/L)	< 0.2	2	7/6/23
Iron (mg/L)	0.06	0.3	2/14/24
Manganese (mg/L)	0.028	0.05	2/14/24
pH (Standard Units)	6.96	6.5 – 8.5	3/6/24
Sulfate (mg/L)	16	250	7/6/23
Zinc (mg/L)	0.348	5	7/6/23

DISINFECTION BY-PRODUCTS (a)

Analyte	Results	MCL	Date
Total Trihalomethanes (µg/L)	2	80	7/13/22
Haloacetic Acids (µg/L)	< 1	60	7/13/22

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
Hexafluoropropylene oxide dimer acid (HFPO-DA) (ng/L)	<2.00	NR	5/15/23
Perfluorobutanesulfonic acid (PFBS) (ng/L)	3.80	NR	5/15/23
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	1.31	18	7/15/24
Perfluorononanoic acid (PFNA) (ng/L)	<2.00	11	7/15/24
Perfluorooctanesulfonic acid (PFOS) (ng/L)	3.12	15	7/15/24
Perfluorooctanoic acid (PFOA) (ng/L)	5.29	12	7/15/24

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	68.2	3/6/24
Calcium (mg/L)	22.1	7/6/23
Copper (mg/L)	0.0073	7/6/23
Hardness, Total as CaCO ₃ (mg/L)	76	2/14/24
Magnesium (mg/L)	3.1	7/6/23
Nickel (µg/L)	0.0012	7/6/23
Radon Gas (pCi/L)	1,375	7/21/21
Sodium (mg/L)	34.4	7/6/23

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Three bedrock wells.

Treatment: Treatment consists of sediment removal, chlorine for disinfection, sodium hydroxide to increase pH and aid in corrosion control, and zinc orthophosphate is added for corrosion control and sequestration of 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, Water Supply Manager, at 1-603-913-2377 or 1-800-553-5191.

Visit the state website for Goldenbrook at <https://www4.des.state.nh.us/DESOneStop/PWSDetail.aspx?ID=2542010>

Additional information about contaminants and their potential health effects can be obtained by calling the Environmental

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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.