

WATER QUALITY REPORT
Winnisquam Village, Tilton, NH
EPA # 2352040

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	4/2/24	cis-1, 2-Dichloroethylene	< 0.5	NR	4/2/24
1,1,1-Trichloroethane	< 0.5	NR	4/2/24	cis-1, 3-Dichloropropylene	< 0.5	NR	4/2/24
1,1,2,2-Tetrachloroethane	< 0.5	NR	4/2/24	Dibromochloromethane	0.7	NR	4/2/24
1,1,2-Trichloroethane	< 0.5	NR	4/2/24	Dibromomethane	< 0.5	NR	4/2/24
1,1-Dichloroethane	< 0.5	NR	4/2/24	Dichlorodifluoromethane	< 0.5	NR	4/2/24
1,1-Dichloroethylene	< 0.5	NR	4/2/24	Diethyl ether	< 0.5	NR	4/2/24
1,1-Dichloropropane	< 0.5	NR	4/2/24	Diisopropyl Ether (DIPE)	< 0.5	NR	4/2/24
1,2,3-Trichlorobenzene	< 0.5	NR	4/2/24	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	4/2/24
1,2,3-Trichloropropane	< 0.5	NR	4/2/24	Ethylbenzene	< 0.5	NR	4/2/24
1,2,4-Trichlorobenzene	< 0.5	NR	4/2/24	Hexachlorobutadiene	< 0.5	NR	4/2/24
1,2,4-Trimethylbenzene	< 0.5	NR	4/2/24	Isopropylbenzene	< 0.5	NR	4/2/24
1,2-Dibromo-3-chloropropane	< 0.5	NR	4/2/24	m,p-Xylenes	< 1	NR	4/2/24
1,2-Dibromomethane	< 0.5	NR	4/2/24	Methyl-t-butyl-ether (MTBE)	< 0.5	NR	4/2/24
1,2-Dichlorobenzene	< 0.5	NR	4/2/24	Methylene chloride	< 0.5	NR	4/2/24
1,2-Dichloroethane	< 0.5	NR	4/2/24	Naphthalene	< 0.5	NR	4/2/24
1,2-Dichloropropane	< 0.5	NR	4/2/24	n-Butylbenzene	< 0.5	NR	4/2/24
1,3,5-Trimethylbenzene	< 0.5	NR	4/2/24	n-Propylbenzene	< 0.5	NR	4/2/24
1,3-Dichlorobenzene	< 0.5	NR	4/2/24	o-Xylene	< 0.5	NR	4/2/24
1,3-Dichloropropane	< 0.5	NR	4/2/24	sec Butylbenzene	< 0.5	NR	4/2/24
1,4-Dichlorobenzene	< 0.5	NR	4/2/24	Styrene	< 0.5	NR	4/2/24
2-Chlorotoluene	< 0.5	NR	4/2/24	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	4/2/24
4-Chlorotoluene	< 0.5	NR	4/2/24	Tert-Butyl Alcohol (TBA)	< 10	NR	4/2/24
4-Isopropyltoluene	< 0.5	NR	4/2/24	Tert-Butylbenzene	< 0.5	NR	4/2/24
Benzene	< 0.5	NR	4/2/24	Tetrachloroethylene	< 0.5	NR	4/2/24
Bromobenzene	< 0.5	NR	4/2/24	Tetrahydrofuran	< 10	NR	4/2/24
Bromochloromethane	< 0.5	NR	4/2/24	Toluene	< 0.5	NR	4/2/24
Bromodichloromethane	1.1	NR	4/2/24	Total Trihalomethanes	3.3	NR	4/2/24
Bromoform	< 0.5	NR	4/2/24	Total Xylenes	< 0.5	NR	4/2/24
Bromomethane	< 0.5	NR	4/2/24	Trans-1, 2-Dichloroethylene	< 0.5	NR	4/2/24
Carbon Disulfide	< 0.5	NR	4/2/24	Trans-1, 3-Dichloropropylene	< 0.5	NR	4/2/24
Carbon Tetrachloride	< 0.5	NR	4/2/24	Trichloroethylene	< 0.5	NR	4/2/24
Chlorobenzene	< 0.5	NR	4/2/24	Trichlorofluoromethane	< 0.5	NR	4/2/24
Chloroform	1.5	NR	4/2/24	Vinyl chloride	< 0.5	NR	4/2/24
Chloromethane	< 0.5	NR	4/2/24				

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

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

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	< 3	15	4/19/22
Radium 226 & 228 (pCi/L)	< 1	5	4/19/22
Uranium (µg/L)	< 1	30	4/19/22

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	0	15	2023
Copper (mg/L) 90th percentile sample	0.035	1.3	2023

INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	< 0.001	0.006	4/19/22
Arsenic (mg/L)	< 0.001	0.01	4/19/22
Barium (mg/L)	0.0164	2	4/19/22
Beryllium (mg/L)	< 0.001	0.004	4/19/22
Cadmium (mg/L)	< 0.001	0.005	4/19/22
Chromium (mg/L)	< 0.001	0.1	4/19/22
Fluoride (mg/L)	0.51	4	4/19/22
Mercury (mg/L)	< 0.0001	0.002	4/19/22
Nitrate-N (mg/L)	< 0.2	10	4/2/24
Nitrite-N (mg/L)	< 0.2	1	4/2/24
Selenium (mg/L)	< 0.001	0.05	4/19/22
Thallium (mg/L)	< 0.001	0.002	4/19/22
Cyanide (mg/L)	< 0.02	0.2	4/19/22

IDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	2	250	4/19/22
Fluoride (mg/L)	< 0.2	2	4/19/22
Iron (mg/L)	0.038	0.3	4/19/22
Manganese (mg/L)	0.0252	0.05	4/19/22
Nickel (mg/L)	< 0.001	1/000	4/19/22
pH (Standard Units)	8.27	6.5 - 8.5	4/19/22
Sodium (mg/L)	18.5	100-250	4/19/22
Sulfate (mg/L)	14	250	4/19/22
Zinc (mg/L)	0.0235	5	4/19/22

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	80	4/19/22
Calcium (mg/L)	15.9	4/19/22
Copper (mg/L)	0.0029	4/19/22
Hardness, Total as CaCO ₃ (mg/L)	55.4	4/19/22
Magnesium (mg/L)	3.8	4/19/22
Radon Gas (pCi/L)	378	7/10/23

DISINFECTION BY-PRODUCTS (a)

Analyte (Units)	Results	MCL	Date
Total Trihalomethanes (µg/L)	4.2	80	7/5/22
Haloacetic Acids (µg/L)	< 1	60	7/5/22

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Hexafluoropropylene oxide dimethyl acid (HFPO-DA) (ng/L)	< 2.00	NR	5/30/23
Perfluorobutanesulfonic acid (PFBS) (ng/L)	< 2.00	NR	5/30/23
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	< 2.00	18	4/9/24
Perfluorononanoic acid (PFNA) (ng/L)	< 2.00	11	4/9/24
Perfluorooctanesulfonic acid (PFOS) (ng/L)	< 2.00	15	4/9/24
Perfluorooctanoic acid (PFOA) (ng/L)	< 2.00	12	4/9/24

SOURCE WATER AND TREATMENT INFORMATION

Water Source: One well.
Treatment: Chlorine addition for disinfection.

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)

CONTACT INFORMATION

If you have any questions about this report, or about your water quality, please call Matthew Day, Supply Manager, at 1-603-913-2377 or 1-800-553-5191. Visit the State website for Winnisquam at <https://www4.des.state.nh.us/DESOneStop/PWSDetail.aspx?ID=2352040>
 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.