

**WATER QUALITY REPORT**  
**Northern Shores, Tilton, NH**  
**EPA # 2352020**

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	10/3/23	cis-1, 2-Dichloroethylene	< 0.5	70	10/3/23
1,1,1-Trichloroethane	< 0.5	200	10/3/23	cis-1, 3-Dichloropropylene	< 0.5	NR	10/3/23
1,1,2,2-Tetrachloroethane	< 0.5	NR	10/3/23	Dibromochloromethane	0.7	NR	10/3/23
1,1,2-Trichloroethane	< 0.5	5	10/3/23	Dibromomethane	< 0.5	NR	10/3/23
1,1-Dichloroethane	< 0.5	NR	10/3/23	Dichlorodifluoromethane	< 0.5	NR	10/3/23
1,1-Dichloroethylene	< 0.5	7	10/3/23	Diethyl ether	< 0.5	NR	10/3/23
1,1-Dichloropropylene	< 0.5	NR	10/3/23	Diisopropyl Ether (DIPE)	< 0.5	NR	10/3/23
1,2,3-Trichlorobenzene	< 0.5	NR	10/3/23	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	10/3/23
1,2,3-Trichloropropane	< 0.5	NR	10/3/23	Ethylbenzene	< 0.5	700	10/3/23
1,2,4-Trichlorobenzene	< 0.5	70	10/3/23	Hexachlorobutadiene	< 0.5	NR	10/3/23
1,2,4-Trimethylbenzene	< 0.5	NR	10/3/23	Isopropylbenzene	< 0.5	NR	10/3/23
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	10/3/23	m/p - Xylenes	<1	NR	10/3/23
1,2-Dibromoethane	< 0.5	NR	10/3/23	Methylene chloride	< 0.5	5	10/3/23
1,2-Dichlorobenzene	< 0.5	600	10/3/23	Methyl-t-butyl-ether (MtBE)	< 0.5	13	10/3/23
1,2-Dichloroethane	< 0.5	5	10/3/23	Napthalene	< 0.5	NR	10/3/23
1,2-Dichloropropane	< 0.5	5	10/3/23	n-Butylbenzene	< 0.5	NR	10/3/23
1,3,5-Trimethylbenzene	< 0.5	NR	10/3/23	n-Propylbenzene	< 0.5	NR	10/3/23
1,3-Dichlorobenzene	< 0.5	NR	10/3/23	o-Xylene	< 0.5	NR	10/3/23
1,3-Dichloropropane	< 0.5	NR	10/3/23	sec Butylbenzene	< 0.5	NR	10/3/23
1,4-Dichlorobenzene	< 0.5	75	10/3/23	Styrene	< 0.5	100	10/3/23
2-Chlorotoluene	<0.5	NR	10/3/23	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	10/3/23
4-Chlorotoluene	<0.5	NR	10/3/23	Tert-Butyl Alcohol (TBA)	<10	NR	10/3/23
4-Isopropyltoluene	< 0.5	NR	10/3/23	Tert-Butylbenzene	< 0.5	NR	10/3/23
Benzene	< 0.5	5	10/3/23	Tetrachloroethylene	< 0.5	5	10/3/23
Bromobenzene	< 0.5	NR	10/3/23	Tetrahydrofuran	<10	NR	10/3/23
Bromochloromethane	< 0.5	NR	10/3/23	Toluene	< 0.5	1000	10/3/23
Bromodichloromethane	1.1	80	10/3/23	Total Trihalomethanes	3.2	80	10/3/23
Bromoform	<0.5	80	10/3/23	Total Xylenes	< 0.5	10,000	10/3/23
Bromomethane	< 0.5	NR	10/3/23	Trans-1, 2-Dichloroethylene	< 0.5	100	10/3/23
Carbon Disulfide	< 0.5	NR	10/3/23	Trans-1, 3-Dichloropropylene	< 0.5	NR	10/3/23
Carbon Tetrachloride	< 0.5	5	10/3/23	Trichloroethylene	< 0.5	5	10/3/23
Chlorobenzene	< 0.5	100	10/3/23	Trichlorofluoromethane	< 0.5	NR	10/3/23
Chloroform	1.4	80	10/3/23	Vinyl chloride	< 0.5	2	10/3/23
Chloromethane	< 0.5	NR	10/3/23				

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	10/3/23	Heptachlor	< 0.1	0.4	10/3/23
2,4-D	< 1	70	10/3/23	Heptachlor Epoxide	< 0.1	0.2	10/3/23
3-Hydroxycarbofuran	< 1	NR	10/3/23	Hexachlorobenzene	< 0.1	1	10/3/23
Alachlor	< 0.1	2	10/3/23	Hexachlorocyclopentadiene	< 0.1	50	10/3/23
Aldicarb	< 1	NR	10/3/23	Lindane	< 0.1	0.2	10/3/23
Aldicarb Sulfone	< 1	NR	10/3/23	Methiocarb	< 1	7	10/3/23
Aldicarb Sulfoxide	< 1	NR	10/3/23	Methomyl	< 1	NR	10/3/23
Aldrin	< 0.1	NR	10/3/23	Methoxychlor	< 0.1	40	10/3/23
Atrazine	< 0.1	3	10/3/23	Metolachlor	< 0.1	40	10/3/23
Benzo(a)pyrene	< 0.1	0.2	10/3/23	Metribuzin	< 0.1	NR	10/3/23
Butachlor	< 0.1	NR	10/3/23	Oxamyl (Vydate)	< 1	200	10/5/22
Carbaryl	< 1	NR	10/3/23	PCB Aroclor 1016	<0.2	NR	1/11/21
Carbofuran	< 1	40	10/3/23	PCB Aroclor 1221	<0.2	NR	1/11/21
Chlordane	< 0.4	2	10/3/23	PCB Aroclor 1232	<0.2	NR	1/11/21
Dalapon	< 1	200	10/3/23	PCB Aroclor 1242	<0.2	NR	1/11/21
Di (2-ethylhexyl) adipate	< 1	400	10/3/23	PCB Aroclor 1048	<0.2	NR	1/11/21
Di (2-Ethylhexyl) phthalate	< 1	6	10/3/23	PCB Aroclor 1054	<0.2	NR	1/11/21
Dicamba	< 0.5	NR	10/3/23	PCB Aroclor 1260	<0.2	NR	1/11/21
Dieldrin	< 0.1	NR	10/3/23	Pentachlorophenol	< 0.1	1	10/5/22
Dinoseb	< 1	7	10/3/23	Picloram	<2	500	10/3/23
Diquat	<1	20	10/3/23	Propachlor	< 0.1	NR	10/3/23
Endrin	< 0.1	2	10/3/23	Propoxur (Baygon)	< 1	NR	10/3/23
Ethylene dibromide (EDB)	< 0.02	0.05	10/3/23	Simazine	< 0.1	4	10/3/23
Glyphosate	< 10	700	10/3/23	Toxaphene	< 2	3	10/3/23

**RADIOLOGICAL CONTAMINANTS (b)**

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	< 3+/-0.5	15	10/10/16
Radium 226 & 228 (pCi/L)	< 1+/-0.4	5	10/10/16

**FIRST DRAW LEAD AND COPPER (a)**

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	0.002	15	2024

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Uranium ( $\mu\text{g/L}$ )	< 1	30	10/10/16	Copper (mg/L) 90th percentile sample	0.189	1.3	2024
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**INORGANIC CONTAMINANTS (b)**

Analyte	Results	MCL	Date
Antimony (mg/L)	< 0.001	0.006	10/3/23
Arsenic (mg/L)	0.0037	0.01	7/11/24
Barium (mg/L)	<0.001	2	10/3/23
Beryllium (mg/L)	11.7	0.004	10/3/23
Cadmium (mg/L)	6	0.005	10/3/23
Chromium (mg/L)	<0.001	0.1	10/3/23
Fluoride (mg/L)	0.6	4	10/3/23
Mercury (mg/L)	<0.0001	0.002	10/3/23
Nitrate-N (mg/L)	< 0.2	10	10/3/23
Nitrite-N (mg/L)	< 0.2	1	10/3/23
Selenium (mg/L)	<0.001	0.05	10/3/23
Thallium (mg/L)	<0.001	0.002	10/3/23
Cyanide (mg/L)	<0.005	0.2	10/3/23

**SECONDARY CONTAMINANTS (b) - AESTHETIC**

Analyte	Results	SMCL	Date
Chloride (mg/L)	18	250	10/3/23
Fluoride (mg/L)	0.6	2	10/3/23
Iron (mg/L)	<0.20	0.3	12/18/23
Manganese (mg/L)	0.017	0.05	12/18/23
pH (Standard Units)	7.33	6.5 – 8.5	10/3/23
Sulfate (mg/L)	6	250	10/3/23
Zinc (mg/L)	0.0035	5	10/3/23

**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)**

Analyte	Results	MCL	Date
Total Trihalomethanes (µg/L)	4.6	80	7/13/22
Haloacetic Acids (µg/L)	1.2	60	7/13/22

**UNREGULATED CONTAMINANTS (b)**

Analyte (Units)	Results	Date
Alkalinity as CaCO <sub>3</sub> (mg/L)	45	10/3/23
Calcium (mg/L)	12.5	10/3/23
Copper (mg/L)	0.0027	10/3/23
Hardness, Total as CaCO <sub>3</sub> (mg/L)	40	12/18/23
Magnesium (mg/L)	3.6	10/3/23
Nickel (mg/L)	< 0.001	10/3/23
Radon Gas (pCi/L)	757	4/1/21
Sodium (mg/L)	13.8	10/3/23

**Perfluorinated Chemicals (PFCs)**

Analyte (Units)	Results	MCL	Date
Hexafluoropropylene oxide dimer 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	5/30/23
Perfluorononanoic acid (PFNA) (ng/L)	<2.00	11	5/30/23
Perfluorooctanesulfonic acid (PFOS) (ng/L)	<2.00	15	5/30/23
Perfluorooctanoic acid (PFOA) (ng/L)	<2.00	12	5/30/23

**SOURCE WATER AND TREATMENT INFORMATION**

**Water Source:** One artesian well.

**Treatment:** Chlorine for disinfection and greensand filtration to remove 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 billion.

**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 the Northern Shores system at <https://www4.des.state.nh.us/DESOneStop/PWSDetail.aspx?ID=2352020>

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.