

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	10/9/18	cis-1, 2-Dichloroethylene	< 0.5	70	10/9/18
1,1,1-Trichloroethane	< 0.5	200	10/9/18	cis-1, 3-Dichloropropylene	< 0.5	NR	10/9/18
1,1,2,2-Tetrachloroethane	< 0.5	NR	10/9/18	Dibromochloromethane	< 0.5	NR	10/9/18
1,1,2-Trichloroethane	< 0.5	5	10/9/18	Dibromomethane	< 0.5	NR	10/9/18
1,1-Dichloroethane	< 0.5	NR	10/9/18	Dichlorodifluoromethane	< 0.5	NR	10/9/18
1,1-Dichloroethylene	< 0.5	7	10/9/18	Diethyl ether	< 0.5	NR	10/9/18
1,1-Dichloropropylene	< 0.5	NR	10/9/18	Diisopropyl Ether (DIPE)	< 0.5	NR	10/9/18
1,2,3-Trichlorobenzene	< 0.5	NR	10/9/18	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	10/9/18
1,2,3-Trichloropropane	< 0.5	NR	10/9/18	Ethylbenzene	< 0.5	700	10/9/18
1,2,4-Trichlorobenzene	< 0.5	70	10/9/18	Hexachlorobutadiene	< 0.5	NR	10/9/18
1,2,4-Trimethylbenzene	< 0.5	NR	10/9/18	Isopropylbenzene	< 0.5	NR	10/9/18
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	10/9/18	m/p - Xylenes	<1	NR	10/9/18
1,2-Dibromoethane	< 0.5	NR	10/9/18	Methylene chloride	< 0.5	5	10/9/18
1,2-Dichlorobenzene	< 0.5	600	10/9/18	Methyl-t-butyl-ether (MtBE)	< 0.5	13	10/9/18
1,2-Dichloroethane	< 0.5	5	10/9/18	Napthalene	< 0.5	NR	10/9/18
1,2-Dichloropropane	< 0.5	5	10/9/18	n-Butylbenzene	< 0.5	NR	10/9/18
1,3,5-Trimethylbenzene	< 0.5	NR	10/9/18	n-Propylbenzene	< 0.5	NR	10/9/18
1,3-Dichlorobenzene	< 0.5	NR	10/9/18	o-Xylene	< 0.5	NR	10/9/18
1,3-Dichloropropane	< 0.5	NR	10/9/18	sec Butylbenzene	< 0.5	NR	10/9/18
1,4-Dichlorobenzene	< 0.5	75	10/9/18	Styrene	< 0.5	100	10/9/18
2-Chlorotoluene	<0.5	NR	10/9/18	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	10/9/18
4-Chlorotoluene	<0.5	NR	10/9/18	Tert-Butyl Alcohol (TBA)	<10	NR	10/9/18
4-Isopropyltoluene	< 0.5	NR	10/9/18	Tert-Butylbenzene	< 0.5	NR	10/9/18
Benzene	< 0.5	5	10/9/18	Tetrachloroethylene	< 0.5	5	10/9/18
Bromobenzene	< 0.5	NR	10/9/18	Tetrahydrofuran	<10	NR	10/9/18
Bromochloromethane	< 0.5	NR	10/9/18	Toluene	< 0.5	1000	10/9/18
Bromodichloromethane	< 0.5	80	10/9/18	Total Trihalomethanes	#REF!	80	10/9/18
Bromoform	<0.5	80	10/9/18	Total Xylenes	< 0.5	10,000	10/9/18
Bromomethane	< 0.5	NR	10/9/18	Trans-1, 2-Dichloroethylene	< 0.5	100	10/9/18
Carbon Disulfide	< 0.5	NR	10/9/18	Trans-1, 3-Dichloropropylene	< 0.5	NR	10/9/18
Carbon Tetrachloride	< 0.5	5	10/9/18	Trichloroethylene	< 0.5	5	10/9/18
Chlorobenzene	< 0.5	100	10/9/18	Trichlorofluoromethane	< 0.5	NR	10/9/18
Chloroform	1.2	80	10/9/18	Vinyl chloride	< 0.5	2	10/9/18
Chloromethane	< 0.5	NR	10/9/18				

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	10/9/18	Heptachlor	< 0.1	0.4	10/9/18
2,4-D	< 1	70	10/9/18	Heptachlor Epoxide	< 0.1	0.2	10/9/18
3-Hydroxycarbofuran	< 1	NR	10/9/18	Hexachlorobenzene	< 0.1	1	10/9/18
Alachlor	< 0.1	2	10/9/18	Hexachlorocyclopentadiene	< 0.1	50	10/9/18
Aldicarb	< 1	NR	10/9/18	Lindane	< 0.1	0.2	10/9/18
Aldicarb Sulfone	< 1	NR	10/9/18	Methiocarb	< 1	7	10/9/18
Aldicarb Sulfoxide	< 1	NR	10/9/18	Methomyl	< 1	NR	10/9/18
Aldrin	< 0.1	NR	10/9/18	Methoxychlor	< 0.1	40	10/9/18
Atrazine	< 0.1	3	10/9/18	Metolachlor	< 0.1	40	10/9/18
Benzo(a)pyrene	< 0.1	0.2	10/9/18	Metribuzin	< 0.1	NR	10/9/18
Butachlor	< 0.1	NR	10/9/18	Oxamyl (Vydate)	< 1	200	10/9/18
Carbaryl	< 1	NR	10/9/18	PCB Aroclor 1016	<0.2	NR	10/9/18
Carbofuran	< 1	40	10/9/18	PCB Aroclor 1221	<0.2	NR	10/9/18
Chlordane	< 0.4	2	10/9/18	PCB Aroclor 1232	<0.2	NR	10/9/18
Dalapon	< 1	200	10/9/18	PCB Aroclor 1242	<0.2	NR	10/9/18
Di (2-ethylhexyl) adipate	< 1	400	10/9/18	PCB Aroclor 1048	<0.2	NR	10/9/18
Di (2-Ethylhexyl) phthalate	< 1	6	10/9/18	PCB Aroclor 1054	<0.2	NR	10/9/18
Dicamba	< 0.5	NR	10/9/18	PCB Aroclor 1260	<0.2	NR	10/9/18
Dieldrin	< 0.1	NR	10/9/18	Pentachlorophenol	< 0.1	1	10/9/18
Dinoseb	< 1	7	10/9/18	Picloram	<2	500	10/9/18
Diquat		20		Propachlor	< 0.1	NR	10/9/18
Endrin	< 0.1	2	10/9/18	Propoxur (Baygon)	< 1	NR	10/9/18
Ethylene dibromide (EDB)	< 0.02	0.05	10/9/18	Simazine	< 0.1	4	10/9/18
Glyphosate	< 10	700	10/9/18	Toxaphene	< 2	3	10/9/18

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	< 3	15	10/10/16
Radium 226 & 228 (pCi/L)	< 1	5	10/10/16
Uranium (µg/L)	< 1	30	10/10/16

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	1	15	2018
Copper (mg/L) 90th percentile sample	0.286	1.3	2018

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	< 0.001	0.006	11/6/17
Arsenic (mg/L)	0.0042	0.01	4/6/20
Barium (mg/L)	<0.001	2	11/6/17
Beryllium (mg/L)	< 0.001	0.004	11/6/17
Cadmium (mg/L)	< 0.001	0.005	11/6/17
Chromium (mg/L)	0.0014	0.1	11/6/17
Fluoride (mg/L)	0.55	4	11/6/17
Mercury (mg/L)	< 0.0001	0.002	11/6/17
Nitrate-N (mg/L)	< 0.2	10	10/21/19
Nitrite-N (mg/L)	< 0.2	1	11/6/17
Selenium (mg/L)	< 0.001	0.05	11/6/17
Thallium (mg/L)	< 0.001	0.002	11/6/17

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	12	250	11/6/17
Fluoride (mg/L)	0.55	2	11/6/17
Iron (mg/L)	<0.1	0.3	11/6/17
Manganese (mg/L)	0.0025	0.05	11/6/17
pH (Standard Units)	7.22	6.5 – 8.5	11/6/17
Sulfate (mg/L)	6	250	11/6/17
Zinc (mg/L)	0.002	5	11/6/17

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)	1.6	80	7/16/19
Haloacetic Acids (µg/L)	<1	60	7/16/19

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	45	11/6/17
Calcium (mg/L)	8.73	11/6/17
Copper (mg/L)	0.0013	11/6/17
Hardness, Total as CaCO ₃ (mg/L)	32.8	11/6/17
Magnesium (mg/L)	2.68	11/6/17
Nickel (mg/L)	< 0.001	11/6/17
Radon Gas (pCi/L)	510	4/6/19
Sodium (mg/L)	11.5	11/6/17

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	< 1.80	NR	9/11/18
Perfluoroheptanoic acid (PFHpA) (ng/L)	< 1.80	NR	9/11/18
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	< 1.80	NR	9/11/18
Perfluorononanoic acid (PFNA) (ng/L)	< 1.80	NR	9/11/18
Perfluorooctane sulfonate (PFOS) (ng/L)	< 1.80	70*	9/11/18
Perfluorooctanoic acid (PFOA) (ng/L)	< 1.80		9/11/18

*PFOS + PFOA can not exceed 70 ng/L

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, 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.