

**WATER QUALITY REPORT
LAMPLIGHTER VILLAGE, WINDHAM, NH
EPA # 2542170**

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	2/9/11	cis-1, 2-Dichloroethylene	< 0.5	70	2/9/11
1,1,1-Trichloroethane	< 0.5	200	2/9/11	cis-1, 3-Dichloropropylene	< 0.5	NR	2/9/11
1,1,2,2-Tetrachloroethane	< 0.5	NR	2/9/11	Dibromochloromethane	3.4	80	2/9/11
1,1,2-Trichloroethane	< 0.5	5	2/9/11	Dibromomethane	< 0.5	NR	2/9/11
1,1-Dichloroethane	< 0.5	NR	2/9/11	Dichlorodifluoromethane	< 0.5	NR	2/9/11
1,1-Dichloroethane	< 0.5	7	2/9/11	Diethyl ether	< 0.5	NR	2/9/11
1,1-Dichloropropylene	< 0.5	NR	2/9/11	Diisopropyl Ether (DIPE)	< 0.5	NR	2/9/11
1,2,3-Trichlorobenzene	< 0.5	NR	2/9/11	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	2/9/11
1,2,3-Trichloropropane	< 0.5	NR	2/9/11	Ethylbenzene	< 0.5	700	2/9/11
1,2,4-Trichlorobenzene	< 0.5	70	2/9/11	Hexachlorobutadiene	< 0.5	NR	2/9/11
1,2,4-Trimethylbenzene	< 0.5	NR	2/9/11	Isopropylbenzene	< 0.5	NR	2/9/11
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	2/9/11	m/p - Xylenes	< 0.5	NR	2/9/11
1,2-Dibromoethane	< 0.5	NR	2/9/11	Methyl ethyl ketone (MEK) 2-Butanone	<10	NR	2/9/11
1,2-Dichlorobenzene	< 0.5	600	2/9/11	Methylene chloride	< 0.5	5	2/9/11
1,2-Dichloroethane	< 0.5	5	2/9/11	Methyl-t-butyl-ether (MtBE)	< 0.5	13	2/9/11
1,2-Dichloropropane	< 0.5	5	2/9/11	Napthalene	< 0.5	NR	2/9/11
1,3,5-Trimethylbenzene	< 0.5	NR	2/9/11	n-Butylbenzene	< 0.5	NR	2/9/11
1,3-Dichlorobenzene	< 0.5	NR	2/9/11	Nitrobenzene	<10	NR	2/9/11
1,3-Dichloropropane	< 0.5	NR	2/9/11	n-Propylbenzene	< 0.5	NR	2/9/11
1,4-Dichlorobenzene	< 0.5	75	2/9/11	o-Xylene	< 0.5	NR	2/9/11
2,2-Dichloropropane	< 0.5	NR	2/9/11	sec Butylbenzene	< 0.5	NR	2/9/11
2-Chlorotoluene	<0.5	0.5	2/9/11	Styrene	< 0.5	100	2/9/11
2-Hexanone	<10	NR	2/9/11	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	2/9/11
4 Methyl-2-Pentanone (MIBK)	<10	NR	2/9/11	Tert-Butyl Alcohol (TBA)	<10	NR	2/9/11
4-Chlorotoluene	<0.5	0.5	2/9/11	Tert-Butylbenzene	< 0.5	NR	2/9/11
4-Isopropyltoluene	< 0.5	NR	2/9/11	Tetrachloroethylene	< 0.5	5	2/9/11
Acetone	<10	NR	2/9/11	Tetrachloromethane	< 0.5	NR	2/9/11
Benzene	< 0.5	5	2/9/11	Tetrahydrofuran	<10	NR	2/9/11
Bromobenzene	< 0.5	NR	2/9/11	Toluene	< 0.5	1000	2/9/11
Bromochloromethane	< 0.5	NR	2/9/11	Total Trihalomethanes	7.3	80	2/9/11
Bromodichloromethane	2.2	80	2/9/11	Total Xylenes	< 0.5	10,000	2/9/11
Bromoform	0.8	80	2/9/11	Trans-1, 2-Dichloroethylene	< 0.5	100	2/9/11
Bromomethane	< 0.5	NR	2/9/11	Trans-1, 3-Dichloropropylene	< 0.5	NR	2/9/11
Carbon Disulfide	< 0.5	NR	2/9/11	Trichloroethylene	< 0.5	5	2/9/11
Chlorobenzene	< 0.5	100	2/9/11	Trichlorofluoromethane	< 0.5	NR	2/9/11
Chloroethane	< 0.5	NR	2/9/11	Vinyl chloride	< 0.5	2	2/9/11
Chloroform	0.9	80	2/9/11				
Chloromethane	< 0.5	NR	2/9/11				
				DISINFECTION BY-PRODUCTS (a)			
				Total Trihalomethanes	8.1	80	9/12/08
				Haloacetic Acids	1.2	60	9/2/08

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

	Results	MCL	Date		Results	MCL	Date
1, 2-Dibromo-3-chloropropane (DBCP)	< 0.02	0.2	2/9/11	Endrin	< 0.1	2	3/1/11
2,4,5-TP (Silvex)	< 0.25	50	2/9/11	Ethylene dibromide (EDB)	< 0.02	0.05	2/9/11
2,4-D	< 1	70	2/9/11	Glyphosate	< 10	700	2/9/11
3-Hydroxycarbofuran	< 1	NR	2/9/11	Heptachlor	< 0.1	0.4	3/1/11
Alachlor	< 0.1	2	3/1/11	Heptachlor Epoxide	< 0.1	0.2	3/1/11
Aldicarb	< 1	NR	2/9/11	Hexachlorobenzene	< 0.1	1	3/1/11
Aldicarb Sulfone	< 1	NR	2/9/11	Hexachlorocyclopentadiene	< 0.1	50	3/1/11
Aldicarb Sulfoxide	< 1	NR	2/9/11	Lindane	< 0.1	0.2	3/1/11
Aldrin	< 0.1	NR	3/1/11	Methiocarb	< 1	7	2/9/11
Atrazine	< 0.1	3	3/1/11	Metolachlor	< 0.1	40	3/1/11
Benzo(a)pyrene	< 0.1	0.2	3/1/11	Methomyl	< 1	NR	2/9/11
Butachlor	< 0.1	NR	3/1/11	Methoxychlor	< 0.1	40	3/1/11
Carbaryl	< 1	NR	2/9/11	Metribuzin	< 0.1	NR	3/1/11
Carbofuran	< 1	40	2/9/11	Oxamyl (Vydate)	< 1	200	2/9/11
Chlordane	< 0.4	2	2/9/11	Pentachlorophenol	< 0.1	1	2/9/11
Di (2-ethylhexyl) adipate	< 1	400	3/1/11	Picloram	< 0.5	500	2/9/11
Di (2-Ethylhexyl) phthalate	< 1	6	3/1/11	Propachlor	< 0.1	NR	3/1/11
Dicamba	< 0.5	NR	2/9/11	Propoxur (Baygon)	< 1	NR	2/9/11
Dieldrin	< 0.1	NR	3/1/11	Simazine	< 0.1	4	3/1/11
Dinoseb	< 1	7	2/9/11	Toxaphene	< 2	3	2/9/11

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (µg/L)	< 2	6	2/16/10
Arsenic (µg/L)	< 2	10	2/16/10
Barium (mg/L)	0.01	2	2/16/10
Beryllium (µg/L)	< 2	4	2/16/10
Cadmium (µg/L)	< 2	5	2/16/10
Chromium (µg/L)	< 10	100	2/16/10
Cyanide (µg/L)	< 20	200	2/16/10
Fluoride (mg/L)	< 0.2	4	2/16/10
Mercury (µg/L)	<0.1	2	2/16/10
Nickel (µg/L)	0.033	100	2/16/10
Nitrate-N (mg/L)	< 0.2	10	2/9/11
Nitrite-N (mg/L)	< 0.05	1	2/16/10
Selenium (µg/L)	< 5	50	2/16/10
Thallium (µg/L)	< 1	2	2/16/10

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	< 5	15	2008
Copper (mg/L) 90th percentile sample	1.053	1.3	2008

Microbiological Contaminants (a)

Results	MCL
Total Coliform	≤ 1/month
E. coli	Absent

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	7	250	2/16/10
Fluoride (mg/L)	< 0.2	2	2/16/10
Iron (mg/L)	0.02	0.3	2/16/10
Manganese (mg/L)	0.046	0.05	2/16/10
pH (Standard Units)	7.62	6.5 – 8.5	2/16/10
Silver (µg/L)	< 4	100	2/16/10
Sodium (mg/L)	12.4	100-250	2/16/10
Sulfate (mg/L)	12	250	2/16/10
Zinc (mg/L)	0.782	5	2/16/10

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	1.9 ± 0.5	15	2/2/05
Radon Gas (pCi/L)	1,930	None	4/26/11
Radium-226 (pCi/L)	0.0 ± 0.9	5	2/2/05
Radium-228 (pCi/L)	0.6 ± 0.9	5	2/2/05
Uranium (µg/L)	1.3 ± 0.3	30	2/2/05

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	73.2	2/16/10
Calcium (mg/L)	22.5	2/16/10
Copper (mg/L)	0.313	2/16/10
Hardness, Total as CaCO ₃ (mg/L)	67.3	2/16/10
Hydrogen Sulfide (mg/L)	<0.02	2/16/10
Lead (µg/L)	0.031	2/16/10
Magnesium (mg/L)	2.7	2/16/10
Specific Conductance (umhos/cm ²)	196	2/16/10
Sulfide (mg/L)	<0.2	2/16/10

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Two bedrock wells. Well # 1 is located 450 feet northeast of the pump station. Well # 2 is located 550 feet east of the pump station.

Treatment: Chlorination to kill bacteria, aeration to reduce radon levels, filtration to reduce iron and manganese levels, and pH adjustment using sodium hydroxide to reduce corrosion.

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 - The highest level of a contaminant that affects the aesthetic 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.

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 Gary Tetley, Water Quality Manager, at 1-603-913-2378 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.