

WATER QUALITY REPORT
ENGLISH WOODS, BEDFORD, NH
EPA # 0192060

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

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

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

	Results	MCL	Date		Results	MCL	Date
1, 2-Dibromo-3-chloropropane (DBCP)	< 0.02	0.2	8/13/09	Endrin	< 0.1	2	8/13/09
2,4,5-TP (Silvex)	< 0.25	50	8/13/09	Ethylene dibromide (EDB)	< 0.02	0.05	8/13/09
2,4-D	< 1	70	8/13/09	Glyphosate	< 10	700	8/13/09
3-Hydroxycarbofuran	< 1	NR	8/13/09	Heptachlor	< 0.1	0.4	8/13/09
Alachlor	< 0.1	2	8/13/09	Heptachlor Epoxide	< 0.1	0.2	8/13/09
Aldicarb	< 1	NR	8/13/09	Hexachlorobenzene	< 0.1	1	8/13/09
Aldicarb Sulfone	< 1	NR	8/13/09	Hexachlorocyclopentadiene	< 0.1	50	8/13/09
Aldicarb Sulfoxide	< 1	NR	8/13/09	Lindane	< 0.1	0.2	8/13/09
Aldrin	< 0.1	NR	8/13/09	Methiocarb	< 1	7	8/13/09
Atrazine	< 0.1	3	8/13/09	Metolachlor	< 0.1	40	8/13/09
Benzo(a)pyrene	< 0.1	0.2	8/13/09	Methomyl	< 1	NR	8/13/09
Butachlor	< 0.1	NR	8/13/09	Methoxychlor	< 0.1	40	8/13/09
Carbaryl	< 1	NR	8/13/09	Metribuzin	< 0.1	NR	8/13/09
Carbofuran	< 1	40	8/13/09	Oxamyl (Vydate)	< 1	200	8/13/09
Chlordane	< 0.4	2	8/13/09	Pentachlorophenol	< 0.1	1	8/13/09
Di (2-ethylhexyl) adipate	< 1	400	8/13/09	Picloram	< 0.5	500	8/13/09
Di (2-Ethylhexyl) phthalate	< 1	6	8/13/09	Propachlor	< 0.1	NR	8/13/09
Dicamba	< 0.5	NR	8/13/09	Propoxur (Baygon)	< 1	NR	8/13/09
Dieldrin	< 0.1	NR	8/13/09	Simazine	< 0.1	4	8/13/09
Dinoseb	< 1	7	8/13/09	Toxaphene	< 2	3	8/13/09

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (µg/L)	< 2	6	8/13/09
Arsenic (µg/L)	< 2	10	8/13/09
Barium (mg/L)	0.031	2	8/13/09
Beryllium (µg/L)	< 2	4	8/13/09
Cadmium (µg/L)	< 2	5	8/13/09
Chromium (µg/L)	< 10	100	8/13/09
Cyanide (µg/L)	< 20	200	8/13/09
Fluoride (mg/L)	<0.20	4	8/13/09
Mercury (µg/L)	< 0.2	2	8/13/09
Nickel (µg/L)	< 10	100	8/13/09
Nitrate-N (mg/L)	< 0.2	10	7/26/11
Nitrite-N (mg/L)	< 0.05	1	8/13/09
Selenium (µg/L)	< 5	50	8/13/09
Thallium (µg/L)	< 1	2	8/13/09

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	< 5	15	2011
Copper (mg/L) 90th percentile sample	0.265	1.3	2011

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	26	250	8/13/09
Fluoride (mg/L)	<0.20	2	8/13/09
Iron (mg/L)	< 0.01	0.3	8/13/09
Manganese (mg/L)	<0.01	0.05	8/13/09
pH (Standard Units)	8.24	6.5 – 8.5	8/13/09
Silver (µg/L)	< 4	100	8/13/09
Sodium (mg/L)	26.8	100-250	8/13/09
Sulfate (mg/L)	17.8	250	8/13/09
Zinc (mg/L)	< 0.01	5	8/13/09

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	7	15	10/28/04
Radon Gas (pCi/L)	5,200	None	4/28/11
Radium-226 (pCi/L)	2.4	5	10/28/04
Radium-228 (pCi/L)	2	5	10/28/04
Uranium (µg/L)	4	30	10/28/04

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	107	8/13/09
Calcium (mg/L)	26.6	8/13/09
Copper (mg/L)	< 0.01	8/13/09
Hardness, Total as CaCO ₃ (mg/L)	103	8/13/09
Hydrogen Sulfide (mg/L)	< 0.02	8/13/09
Lead (µg/L)	< 5	8/13/09
Magnesium (mg/L)	9	8/13/09
Specific Conductance (umhos/cm ²)	355	8/13/09
Sulfide (mg/L)	0.2	8/13/09

*Microbiological Contaminants (a)	Results	MCL
Total Coliform	Absent	≤1/Month
E. coli	Absent	Absent

* One bacteria sample taken every month.

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Two bedrock wells

Treatment: Aeration to reduce radon levels; filtration to reduce iron and manganese levels; sodium hydroxide to increase pH and 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.