

# 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	7/26/18	Dibromochloromethane	< 0.5	80	7/26/18
1,1,1-Trichloroethane	< 0.5	200	7/26/18	Dibromomethane	< 0.5	NR	7/26/18
1,1,2,2-Tetrachloroethane	< 0.5	NR	7/26/18	Dichlorodifluoromethane	< 0.5	NR	7/26/18
1,1,2-Trichloroethane	< 0.5	5	7/26/18	Diethyl ether	< 0.5	NR	7/26/18
1,1-Dichloroethane	< 0.5	NR	7/26/18	Diisopropyl Ether (DIPE)	< 0.5	NR	7/26/18
1,1-Dichloroethylene	< 0.5	7	7/26/18	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	7/26/18
1,1-Dichloropropylene	< 0.5	NR	7/26/18	Ethylbenzene	< 0.5	700	7/26/18
1,2,3-Trichlorobenzene	< 0.5	NR	7/26/18	Hexachlorobutadiene	< 0.5	NR	7/26/18
1,2,3-Trichloropropane	< 0.5	NR	7/26/18	Isopropylbenzene	< 0.5	NR	7/26/18
1,2,4-Trichlorobenzene	< 0.5	70	7/26/18	m&p - Xylenes	< 1	NR	7/26/18
1,2,4-Trimethylbenzene	< 0.5	NR	7/26/18	Methyl-t-butyl-ether (MtBE)	< 0.5	13	7/26/18
1,2-Dibromo-3-chloropropane	< 0.5	0.2	7/26/18	Napthalene	< 0.5	NR	7/26/18
1,2-Dibromoethane	< 0.5	0.05	7/26/18	n-Butylbenzene	< 0.5	NR	7/26/18
1,2-Dichlorobenzene	< 0.5	600	7/26/18	n-Propylbenzene	< 0.5	NR	7/26/18
1,2-Dichloroethane	< 0.5	5	7/26/18	o-Xylene	< 0.5	NR	7/26/18
1,2-Dichloropropane	< 0.5	5	7/26/18	sec Butylbenzene	< 0.5	NR	7/26/18
1,3,5-Trimethylbenzene	< 0.5	NR	7/26/18	Styrene	< 0.5	100	7/26/18
1,3-Dichlorobenzene	< 0.5	NR	7/26/18	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	7/26/18
1,3-Dichloropropane	< 0.5	NR	7/26/18	Tert-Butyl Alcohol (TBA)	< 10	NR	7/26/18
1,4-Dichlorobenzene	< 0.5	75	7/26/18	Tert-Butylbenzene	< 0.5	NR	7/26/18
2-Chlorotoluene	< 0.5	NR	7/26/18	Tetrachloroethylene	< 0.5	5	7/26/18
4-Chlorotoluene	< 0.5	NR	7/26/18	Tetrahydrofuran	< 10	NR	7/26/18
4-Isopropyltoluene	< 0.5	NR	7/26/18	Toluene	< 0.5	1000	7/26/18
Benzene	< 0.5	5	7/26/18	Total Trihalomethanes	< 0.5	80	7/26/18
Bromobenzene	< 0.5	NR	7/26/18	Total Xylenes	< 0.5	10,000	7/26/18
Bromochloromethane	< 0.5	NR	7/26/18	Trans-1, 2-Dichloroethylene	< 0.5	100	7/26/18
Bromodichloromethane	< 0.5	NR	7/26/18	Trans-1, 3-Dichloropropylene	< 0.5	NR	7/26/18
Bromoform	< 0.5	NR	7/26/18	Trichloroethylene	< 0.5	5	7/26/18
Bromomethane	< 0.5	NR	7/26/18	Trichlorofluoromethane	< 0.5	NR	7/26/18
Carbon Disulfide	< 0.5	NR	7/26/18	Vinyl chloride	< 0.5	2	7/26/18
Chlorobenzene	< 0.5	100	7/26/18				
Chloroform	< 0.5	80	7/26/18				
Chloromethane	< 0.5	NR	7/26/18				
cis-1, 2-Dichloroethylene	< 0.5	70	7/26/18				
cis-1, 3-Dichloropropylene	< 0.5	NR	7/26/18				

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1, 2-Dibromo-3-chloropropane (DBCP)	< 0.02	0.2	7/21/15	Diquat		20	
2,4,5-TP (Silvex)	< 0.25	50	7/21/15	Endrin	< 0.1	2	7/21/15
2,4-D	< 1	70	7/21/15	Ethylene dibromide (EDB)	< 0.02	0.05	7/21/15
3-Hydroxycarbofuran	< 1	NR	7/21/15	Glyphosate	< 10	700	7/21/15
Alachlor	< 0.1	2	7/21/15	Heptachlor	< 0.1	0.4	7/21/15
Aldicarb	< 1	NR	7/21/15	Heptachlor Epoxide	< 0.1	0.2	7/21/15
Aldicarb Sulfone	< 1	NR	7/21/15	Hexachlorobenzene	< 0.1	1	7/21/15
Aldicarb Sulfoxide	< 1	NR	7/21/15	Hexachlorocyclopentadiene	< 0.1	50	7/21/15
Aldrin	< 0.1	NR	7/21/15	Lindane	< 0.1	0.2	7/21/15
Atrazine	< 0.1	3	7/21/15	Methiocarb	< 1	7	7/21/15
Benzo(a)pyrene	< 0.1	0.2	7/21/15	Metolachlor	< 0.1	40	7/21/15
Butachlor	< 0.1	NR	7/21/15	Methomyl	< 1	NR	7/21/15
Carbaryl	< 1	NR	7/21/15	Methoxychlor	< 0.1	40	7/21/15
Carbofuran	< 1	40	7/21/15	Metribuzin	< 0.1	NR	7/21/15
Chlordane	< 0.4	2	7/21/15	Oxamyl (Vydate)	< 1	200	7/21/15
Di (2-ethylhexyl) adipate	< 1	400	7/21/15	Pentachlorophenol	< 0.1	1	7/21/15
Di (2-Ethylhexyl) phthalate	< 1	6	7/21/15	Picloram	< 0.5	500	7/21/15
Dicamba	< 0.5	NR	7/21/15	Propachlor	< 0.1	NR	7/21/15
Dieldrin	< 0.1	NR	7/21/15	Propoxur (Baygon)	< 1	NR	7/21/15
Dinoseb	< 1	7	7/21/15	Simazine	< 0.1	4	7/21/15
Dicamba	< 0.5	NR	7/21/15	Toxaphene	< 2	3	7/21/15
Dieldrin	< 0.1	NR	7/21/15	Propoxur (Baygon)	< 1	NR	7/21/15
Dinoseb	< 1	7	7/21/15	Simazine	< 0.1	4	7/21/15
				Toxaphene	< 2	3	7/21/15

### RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	< 3	15	7/19/17
Combined Radium 226 & 228 (pCi/L)	0.4	5	7/26/11
Uranium (µg/L)	4.6	30	7/19/17

### FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	< 1	15	2017
Copper (mg/L) 90th percentile sample	0.201	1.3	2017

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**INORGANIC CONTAMINANTS (b)**

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	7/26/18
Arsenic (mg/L)	<0.001	0.01	7/26/18
Barium (mg/L)	0.0617	2	7/26/18
Beryllium (mg/L)	<0.001	0.004	7/26/18
Cadmium (mg/L)	<0.001	0.005	7/26/18
Chromium (mg/L)	0.0018	0.1	7/26/18
Cyanide (mg/L)	< 20	0.2	8/7/15
Fluoride (mg/L)	0.54	4	7/26/18
Mercury (mg/L)	<0.0001	0.002	7/26/18
Nitrate-N (mg/L)	< 0.2	10	9/4/19
Nitrite-N (mg/L)	< 0.2	1	7/26/18
Selenium (mg/L)	<0.001	0.05	7/26/18
Thallium (mg/L)	<0.001	0.002	7/26/18

**SECONDARY CONTAMINANTS (b) - AESTHETIC**

Analyte	Results	SMCL	Date
Chloride (mg/L)	42	250	7/26/18
Fluoride (mg/L)	0.6	2	7/26/18
Iron (mg/L)	0.12	0.3	7/26/18
Manganese (mg/L)	0.0027	0.05	7/26/18
pH (Standard Units)	7.75	6.5 – 8.5	7/26/18
Sodium (mg/L)	37.2	100-250	7/26/18
Sulfate (mg/L)	21	250	7/26/18
Zinc (mg/L)	0.0022	5	7/26/18

**Microbiological Contaminants (a)**

Results	MCL	Frequency	
E. coli	Absent	Absent	Monthly
Chlorine Residual Range (mg/L)	0.2 - 1.0		

**Perfluorinated Chemicals (PFCs)**

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	<2.00	NR	2/21/20
Perfluoroheptanoic acid (PFHpA) (ng/L)	<2.00	NR	2/21/20
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<2.00	NR	2/21/20
Perfluorononanoic acid (PFNA) (ng/L)	<2.00	NR	2/21/20
Perfluorooctane sulfonate (PFOS) (ng/L)	<2.00	70*	2/21/20
Perfluorooctanoic acid (PFOA) (ng/L)	2.71		2/21/20

\*PFOS + PFOA has a health advisory set at 70 ng/L

**UNREGULATED CONTAMINANTS (b)**

Analyte (Units)	Results	Date
Alkalinity as CaCO <sub>3</sub> (mg/L)	133	7/26/18
Calcium (mg/L)	32	7/26/18
Copper (mg/L)	0.0026	7/26/18
Hardness, Total as CaCO <sub>3</sub> (mg/L)	126	7/26/18
Magnesium (mg/L)	11.1	7/26/18
Nickel (mg/L)	<0.001	7/26/18
Radon Gas (pCi/L)	6,353	7/20/19

**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.

**ng/L** nanograms per Liter or parts per trillion.

**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 Quality Manager, 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.