

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	7/17/25	cis-1, 2-Dichloroethylene	< 0.5	70	7/17/25
1,1,1-Trichloroethane	<0.5	200	7/17/25	cis-1, 3-Dichloropropylene	< 0.5	NR	7/17/25
1,1,2,2-Tetrachloroethane	<0.5	NR	7/17/25	Dibromochloromethane	< 0.5	80	7/17/25
1,1,2-Trichloroethane	<0.5	5	7/17/25	Dibromomethane	< 0.5	NR	7/17/25
1,1-Dichloroethane	<0.5	NR	7/17/25	Dichlorodifluoromethane	< 0.5	NR	7/17/25
1,1-Dichloroethylene	<0.5	7	7/17/25	Diethyl ether	< 0.5	NR	7/17/25
1,1-Dichloropropylene	<0.5	NR	7/17/25	Diisopropyl Ether (DIPE)	< 0.5	NR	7/17/25
1,2,3-Trichlorobenzene	<0.5	NR	7/17/25	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	7/17/25
1,2,3-Trichloropropane	<0.5	NR	7/17/25	Ethylbenzene	< 0.5	700	7/17/25
1,2,4-Trichlorobenzene	< 0.5	70	7/17/25	Hexachlorobutadiene	< 0.5	NR	7/17/25
1,2,4-Trimethylbenzene	< 0.5	NR	7/17/25	Isopropylbenzene	< 0.5	NR	7/17/25
1,2-Dibromo-3-chloropropane	< 0.5	0.2	7/17/25	m&p - Xylenes	<1	NR	7/17/25
1,2-Dibromoethane	< 0.5	0.05	7/17/25	Methyl-t-butyl-ether (MtBE)	< 0.5	13	7/17/25
1,2-Dichlorobenzene	< 0.5	600	7/17/25	Napthalene	< 0.5	NR	7/17/25
1,2-Dichloroethane	< 0.5	5	7/17/25	n-Butylbenzene	< 0.5	NR	7/17/25
1,2-Dichloropropane	< 0.5	5	7/17/25	n-Propylbenzene	< 0.5	NR	7/17/25
1,3,5-Trimethylbenzene	< 0.5	NR	7/17/25	o-Xylene	< 0.5	NR	7/17/25
1,3-Dichlorobenzene	< 0.5	NR	7/17/25	sec Butylbenzene	< 0.5	NR	7/17/25
1,3-Dichloropropane	< 0.5	NR	7/17/25	Styrene	< 0.5	100	7/17/25
1,4-Dichlorobenzene	< 0.5	75	7/17/25	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	7/17/25
2-Chlorotoluene	<0.5	NR	7/17/25	Tert-Butyl Alcohol (TBA)	<10	NR	7/17/25
4-Chlorotoluene	<0.5	NR	7/17/25	Tert-Butylbenzene	< 0.5	NR	7/17/25
4-Isopropyltoluene	< 0.5	NR	7/17/25	Tetrachloroethylene	< 0.5	5	7/17/25
Benzene	< 0.5	5	7/17/25	Tetrahydrofuran	<10	NR	7/17/25
Bromobenzene	< 0.5	NR	7/17/25	Toluene	< 0.5	1000	7/17/25
Bromochloromethane	< 0.5	NR	7/17/25	Total Trihalomethanes	< 0.5	80	7/17/25
Bromodichloromethane	< 0.5	NR	7/17/25	Total Xylenes	< 0.5	10,000	7/17/25
Bromoform	< 0.5	NR	7/17/25	Trans-1, 2-Dichloroethylene	< 0.5	100	7/17/25
Bromomethane	< 0.5	NR	7/17/25	Trans-1, 3-Dichloropropylene	< 0.5	NR	7/17/25
Carbon Disulfide	< 0.5	NR	7/17/25	Trichloroethylene	< 0.5	5	7/17/25
Chlorobenzene	< 0.5	100	7/17/25	Trichlorofluoromethane	< 0.5	NR	7/17/25
Chloroform	< 0.5	80	7/17/25	Vinyl chloride	< 0.5	2	7/17/25
Chloromethane	< 0.5	NR	7/17/25				

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	7/8/21	Diquat	<1	20	7/17/25
2,4,5-TP (Silvex)	< 0.25	50	7/17/25	Endrin	< 0.1	2	7/17/25
2,4-D	< 1	70	7/17/25	Ethylene dibromide (EDB)	< 0.02	0.05	7/17/25
3-Hydroxycarbofuran	< 1	NR	7/17/25	Glyphosate	< 10	700	7/17/25
Alachlor	< 0.1	2	7/17/25	Heptachlor	< 0.1	0.4	7/17/25
Aldicarb	< 1	NR	7/17/25	Heptachlor Epoxide	< 0.1	0.2	7/17/25
Aldicarb Sulfone	< 1	NR	7/17/25	Hexachlorobenzene	< 0.1	1	7/17/25
Aldicarb Sulfoxide	< 1	NR	7/17/25	Hexachlorocyclopentadiene	< 0.1	50	7/17/25
Aldrin	< 0.1	NR	7/17/25	Lindane	< 0.1	0.2	7/17/25
Atrazine	< 0.1	3	7/17/25	Methiocarb	< 1	7	7/17/25
Benzo(a)pyrene	< 0.1	0.2	7/17/25	Metolachlor	<0.1	40	7/17/25
Butachlor	< 0.1	NR	7/17/25	Methomyl	< 1	NR	7/17/25
Carbaryl	< 1	NR	7/17/25	Methoxychlor	< 0.1	40	7/17/25
Carbofuran	< 1	40	7/17/25	Metribuzin	< 0.1	NR	7/17/25
Chlordane	< 0.4	2	7/17/25	Oxamyl (Vydate)	< 1	200	7/17/25

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Di (2-ethylhexyl) adipate	< 1	400	7/17/25
Di (2-Ethylhexyl) phthalate	< 1	6	7/17/25
Dicamba	< 0.5	NR	7/17/25
Dieldrin	< 0.1	NR	7/17/25
Dinoseb	< 1	7	7/17/25
Dicamba	< 0.5	NR	7/17/25
Dieldrin	< 0.1	NR	7/17/25
Dinoseb	< 1	7	7/17/25

Pentachlorophenol	<0.1	1	7/17/25
Picloram	<2	500	7/17/25
Propachlor	<0.1	NR	7/17/25
Propoxur (Baygon)	<1	NR	7/17/25
Simazine	<0.1	4	7/17/25
Toxaphene	<2	3	7/17/25
Propoxur (Baygon)	<1	NR	7/17/25
Simazine	<0.1	4	7/13/23
Toxaphene	< 2	3	7/13/23

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	<3	15	7/19/17
Combined Radium 226 & 228 (pCi/L)	<1	5	7/9/20
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	0	15	4/12/23
Copper (mg/L) 90th percentile sample	0.230	1.3	4/12/23

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	7/25/24
Arsenic (mg/L)	<0.001	0.01	7/25/24
Barium (mg/L)	0.0534	2	7/25/24
Beryllium (mg/L)	<0.001	0.004	7/25/24
Cadmium (mg/L)	<0.001	0.005	7/25/24
Chromium (mg/L)	<0.001	0.1	7/25/24
Cyanide (mg/L)	<0.02	0.2	7/25/24
Fluoride (mg/L)	0.42	4	7/25/24
Mercury (mg/L)	<0.0001	0.002	7/25/24
Nitrate-N (mg/L)	< 0.2	10	7/25/24
Nitrite-N (mg/L)	< 0.2	1	7/25/24
Selenium (mg/L)	<0.001	0.05	7/25/24
Thallium (mg/L)	<0.001	0.002	7/25/24
Cyanide (mg/L)	<0.02	0.2	7/25/24

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	36	250	7/25/24
Fluoride (mg/L)	0.42	2	7/25/24
Iron (mg/L)	<0.01	0.3	7/25/24
Manganese (mg/L)	<0.001	0.05	7/25/24
pH (Standard Units)	7.9	6.5 – 8.5	7/25/24
Sodium (mg/L)	40.7	100-250	7/25/24
Sulfate (mg/L)	20	250	7/25/24
Zinc (mg/L)	<0.001	5	7/25/24

Microbiological Contaminants (a)

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

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
(ng/L)	<2.00	NR	5/17/23
Perfluorobutanesulfonic acid (PFBS) (ng/L)	<2.00	NR	5/17/23
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	0.724	18	10/10/24
Perfluorononanoic acid (PFNA) (ng/L)	<2.00	11	10/10/24
Perfluorooctanesulfonic acid (PFOS) (ng/L)	1.28	15	10/10/24
Perfluorooctanoic acid (PFOA) (ng/L)	3.31	12	10/10/24

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	124	7/25/24
Calcium (mg/L)	25.9	7/25/24
Copper (mg/L)	<0.001	7/25/24
Hardness, Total as CaCO ₃ (mg/L)	102	7/25/24
Magnesium (mg/L)	9	7/25/24
Nickel (mg/L)	<0.001	7/25/24
Radon Gas (pCi/L)	175	10/15/25

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Two bedrock wells

Treatment: Sodium hydroxide to raise the pH, potassium permanganate to aid oxidization followed by greensand filtration to reduce iron and manganese, and two aeration vessels for reduction of radionuclides.

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 Supply Manager, at 1-603-913-2377 or 1-800-553-5191.

Visit the website for English Woods at <https://www4.des.state.nh.us/DESEOneStop/PWSDetail.aspx?ID=0192060>

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.

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