

**WATER QUALITY REPORT
AUTUMN WOODS, SALEM, NH**

EPA # 2052070

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	7/30/19	Chloroform	0.8	80	7/30/19
1,1,1-Trichloroethane	< 0.5	200	7/30/19	Chloromethane	< 0.5	NR	7/30/19
1,1,2,2-Tetrachloroethane	< 0.5	NR	7/30/19	cis-1,2-Dichloroethylene	< 0.5	70	7/30/19
1,1,2-Trichloroethane	< 0.5	5	7/30/19	cis-1,3-Dichloropropylene	< 0.5	NR	7/30/19
1,1-Dichloroethane	< 0.5	NR	7/30/19	Dibromochloromethane	1.5	80	7/30/19
1,1-Dichloroethylene	< 0.5	7	7/30/19	Dibromomethane	< 0.5	NR	7/30/19
1,1-Dichloropropylene	< 0.5	NR	7/30/19	Dichlorodifluoromethane	< 0.5	NR	7/30/19
1,2,3-Trichlorobenzene	< 0.5	70	7/30/19	Diethyl ether	< 0.5	NR	7/30/19
1,2,3-Trichloropropane	< 0.5	NR	7/30/19	Diisopropyl Ether (DIPE)	< 0.5	NR	7/30/19
1,2,4-Trichlorobenzene	< 0.5	NR	7/30/19	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	7/30/19
1,2,4-Trimethylbenzene	< 0.5	NR	7/30/19	Ethylbenzene	< 0.5	700	7/30/19
1,2-Dibromo-3-chloropropane	< 0.5	0.2	7/30/19	Hexachlorobutadiene	< 0.5	NR	7/30/19
1,2-Dibromoethane	< 0.5	NR	7/30/19	Isopropylbenzene	< 0.5	NR	7/30/19
1,2-Dichlorobenzene	< 0.5	600	7/30/19	m&p-Xylenes	< 1	NR	7/30/19
1,2-Dichloroethane	< 0.5	5	7/30/19	Methylene chloride	< 0.5	5	7/30/19
1,2-Dichloropropane	< 0.5	5	7/30/19	Methyl-t-butyl-ether (MtBE)	< 0.5	13	7/30/19
1,3,5-Trimethylbenzene	< 0.5	NR	7/30/19	Napthalene	< 0.5	NR	7/30/19
1,3-Dichlorobenzene	< 0.5	NR	7/30/19	n-Butylbenzene	< 0.5	NR	7/30/19
1,3-Dichloropropane	< 0.5	NR	7/30/19	n-Propylbenzene	< 0.5	NR	7/30/19
1,4-Dichlorobenzene	< 0.5	75	7/30/19	o-Xylene	< 0.5	NR	7/30/19
2,2-Dichloropropane	< 0.5	NR	7/19/17	sec Butylbenzene	< 0.5	NR	7/30/19
2-Butanone (MEK)	< 10	NR	7/19/17	Styrene	< 0.5	100	7/30/19
2-Chlorotoluene	< 0.5	0.5	7/30/19	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	7/30/19
2-Hexanone	< 10	NR	7/19/17	Tert-Butyl Alcohol (TBA)	< 10	NR	7/30/19
4 Methyl-2-Pentanone (MIBK)	< 10	NR	7/19/17	Tert-Butylbenzene	< 0.5	NR	7/30/19
4-Chlorotoluene	< 0.5	0.5	7/30/19	Tetrachloroethylene	< 0.5	5	7/30/19
4-Isopropyltoluene	< 0.5	NR	7/30/19	Tetrahydrofuran	< 10	NR	7/30/19
Acetone	< 10	NR	7/19/17	Toluene	< 0.5	1000	7/30/19
Benzene	< 0.5	5	7/30/19	Total Trihalomethanes	4.2	80	7/30/19
Bromobenzene	< 0.5	NR	7/30/19	Total Xylenes	< 0.5	10,000	7/30/19
Bromochloromethane	< 0.5	NR	7/30/19	trans-1,2-Dichloroethylene	< 0.5	100	7/30/19
Bromodichloromethane	1.3	80	7/30/19	trans-1,3-Dichloropropylene	< 0.5	NR	7/30/19
Bromoform	0.6	80	7/30/19	Trichloroethylene	< 0.5	5	7/30/19
Bromomethane	< 0.5	NR	7/30/19	Trichlorofluoromethane	< 0.5	NR	7/30/19
Carbon Disulfide	< 0.5	NR	7/30/19	Vinyl chloride	< 0.5	2	7/30/19
Carbon Tetrachloride	< 0.5	5	7/30/19				
Chlorobenzene	< 0.5	100	7/30/19				

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	8/5/15	Ethylene dibromide (EDB)	< 0.02	0.05	8/5/15
2,4-D	< 1	70	8/5/15	Glyphosate	< 10	700	8/5/15
3-Hydroxycarbofuran	< 1	NR	8/5/15	Heptachlor	< 0.1	0.4	8/5/15
Alachlor	< 0.1	2	8/5/15	Heptachlor Epoxide	< 0.1	0.2	8/5/15
Aldicarb	< 1	NR	8/5/15	Hexachlorobenzene	< 0.1	1	8/5/15
Aldicarb Sulfone	< 1	NR	8/5/15	Hexachlorocyclopentadiene	< 0.1	50	8/5/15
Aldicarb Sulfoxide	< 1	NR	8/5/15	Lindane	< 0.1	0.2	8/5/15
Aldrin	< 0.1	NR	8/5/15	Methiocarb	< 1	7	8/5/15
Atrazine	< 0.1	3	8/5/15	Methomyl	< 1	NR	8/5/15
Benzo(a)pyrene	< 0.1	0.2	8/5/15	Methoxychlor	< 0.1	40	8/5/15
Butachlor	< 0.1	NR	8/5/15	Metolachlor	< 0.1	40	8/5/15
Carbaryl	< 1	NR	8/5/15	Metribuzin	< 0.1	NR	8/5/15
Carbofuran	< 1	40	8/5/15	Oxamyl (Vydate)	< 1	200	8/5/15
Chlordane	< 0.4	2	8/5/15	PCB Aroclor 1016		NR	
Dalpon		200		PCB Aroclor 1221		NR	
Di (2-ethylhexyl) adipate	< 1	400	8/5/15	PCB Aroclor 1232		NR	
Di (2-Ethylhexyl) phthalate	< 1	6	8/5/15	PCB Aroclor 1242		NR	
Dibromochloropropane (DBCP)	< 0.02	0.2	8/5/15	PCB Aroclor 1248		NR	
Dicamba	< 0.5	NR	8/5/15	PCB Aroclor 1254		NR	
Dieldrin	< 0.1	NR	8/5/15	PCB Aroclor 1260		NR	
Dinoseb	< 1	7	8/5/15	Pentachlorophenol	< 0.1	1	8/5/15
Diquat		20		Picloram	< 0.5	500	8/5/15
Endrin	< 0.1	2	8/5/15	Propachlor	< 0.1	NR	8/5/15
				Propoxur (Baygon)	< 1	NR	8/5/15
				Simazine	< 0.1	4	8/5/15
				Toxaphene	< 2	3	8/5/15

RADIOLOGICAL CONTAMINANTS (b)

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Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	1.2	15	7/15/15
Radium 226 & 228 (pCi/L)	0.6	5	7/15/15
Uranium (µg/L)	1.7	30	9/5/18

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	0.365	1.3	2017

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	7/30/19
Arsenic (mg/L)	0.0014	0.01	7/30/19
Barium (mg/L)	0.0137	2	7/30/19
Beryllium (mg/L)	<0.001	0.004	7/30/19
Cadmium (mg/L)	<0.001	0.005	7/30/19
Chromium (mg/L)	<0.001	0.1	7/30/19
Fluoride (mg/L)	< 0.2	4	7/30/19
Mercury (mg/L)	<0.0001	0.002	7/30/19
Nitrate-N (mg/L)	< 0.2	10	7/30/19
Nitrite-N (mg/L)	< 0.2	1	7/30/19
Selenium (mg/L)	<0.001	0.05	7/30/19
Thallium (mg/L)	<0.001	0.002	7/30/19

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	29	250	7/30/19
Fluoride (mg/L)	< 0.2	2	7/20/16
Iron (mg/L)	0.19	0.3	7/30/19
Manganese (mg/L)	<0.001	0.05	7/30/19
pH (Standard Units)	7.67	6.5 – 8.5	7/30/19
Sulfate (mg/L)	20	250	7/30/19
Zinc (mg/L)	0.0044	5	7/30/19

Microbiological Contaminants (a)

Analyte	Results	MCL	Frequency
E. coli	Absent	Absent	Monthly
Chlorine Residual (mg/L)	Average 0.41		

DISINFECTION BY-PRODUCTS (a)

Analyte	Results	MCL	Date
Total Trihalomethanes (µg/L)	14	80	7/14/16
Haloacetic Acids (µg/L)	5.6	60	7/14/16

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	99	7/30/19
Calcium (mg/L)	46.1	7/30/19
Copper (mg/L)	0.0042	7/30/19
Hardness, Total as CaCO ₃ (mg/L)	131	7/30/19
Magnesium (mg/L)	3.93	7/30/19
Nickel (µg/L)	<0.001	7/30/19
Radon Gas (pCi/L)	519	7/17/19
Sodium (mg/L)	10.6	7/30/19

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	<2.00	NR	2/4/20
Perfluoroheptanoic acid (PFHpA) (ng/L)	<2.00	NR	2/4/20
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<2.00	NR	2/4/20
Perfluorononanoic acid (PFNA) (ng/L)	<2.00	NR	2/4/20
Perfluorooctane sulfonate (PFOS) (ng/L)	<2.00	70*	2/4/20
Perfluorooctanoic acid (PFOA) (ng/L)	2.11		2/4/20

*PFOS + PFOA can not exceed 70 ng/L

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Three bedrock wells.

Treatment: Chlorination for disinfection; aeration to reduce radon; and filtration to reduce iron and manganese levels.

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.

(a*) one sample taken every month.

(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, 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