

WATER QUALITY REPORT
Fletcher Corner, Windham, NH
EPA # 2542150

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	cis-1,3-Dichloropropylene	< 0.5	NR	7/30/19
1,1,1-Trichloroethane	< 0.5	200	7/30/19	Dibromochloromethane	2.5	80	7/30/19
1,1,2,2-Tetrachloroethane	< 0.5	NR	7/30/19	Dibromomethane	< 0.5	NR	7/30/19
1,1,2-Trichloroethane	< 0.5	5	7/30/19	Dichlorodifluoromethane	< 0.5	NR	7/30/19
1,1-Dichloroethane	< 0.5	NR	7/30/19	Diethyl ether	< 0.5	NR	7/30/19
1,1-Dichloroethylene	< 0.5	7	7/30/19	Diisopropyl Ether (DIPE)	< 0.5	NR	7/30/19
1,1-Dichloropropylene	< 0.5	NR	7/30/19	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	7/30/19
1,2,3-Trichlorobenzene	< 0.5	NR	7/30/19	Ethylbenzene	< 0.5	700	7/30/19
1,2,3-Trichloropropane	< 0.5	NR	7/30/19	Hexachlorobutadiene	< 0.5	NR	7/30/19
1,2,4-Trichlorobenzene	< 0.5	70	7/30/19	Hexachloroethane	< 0.5	NR	7/30/19
1,2,4-Trimethylbenzene	< 0.5	NR	7/30/19	Isopropylbenzene	< 0.5	NR	7/30/19
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	7/30/19	m&p - Xylenes	<1	NR	7/30/19
1,2-Dibromoethane	< 0.5	NR	7/30/19	Methylene chloride	< 0.5	5	7/30/19
1,2-Dichlorobenzene	< 0.5	600	7/30/19	Methyl-t-butyl-ether (MtBE)	< 0.5	13	7/30/19
1,2-Dichloroethane	< 0.5	5	7/30/19	Methylene chloride	< 0.5	NR	7/30/19
1,2-Dichloropropane	< 0.5	5	7/30/19	Napthalene	< 0.5	NR	7/30/19
1,3,5-Trimethylbenzene	< 0.5	NR	7/30/19	n-Butylbenzene	< 0.5	NR	7/30/19
1,3-Dichlorobenzene	< 0.5	NR	7/30/19	n-Propylbenzene	< 0.5	NR	7/30/19
1,3-Dichloropropane	< 0.5	NR	7/30/19	o-Xylene	< 0.5	NR	7/30/19
1,4-Dichlorobenzene	< 0.5	75	7/30/19	sec Butylbenzene	< 0.5	NR	7/30/19
2-Chlorotoluene	<0.5	0.5	7/30/19	Styrene	< 0.5	100	7/30/19
4-Chlorotoluene	<0.5	0.5	7/30/19	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	7/30/19
4-Isopropyltoluene	< 0.5	NR	7/30/19	Tert-Butyl Alcohol (TBA)	<10	NR	7/30/19
Benzene	< 0.5	5	7/30/19	Tert-Butylbenzene	< 0.5	NR	7/30/19
Bromobenzene	< 0.5	NR	7/30/19	Tetrachloroethylene	< 0.5	5	7/30/19
Bromochloromethane	< 0.5	NR	7/30/19	Tetrahydrofuran	<10	NR	7/30/19
Bromodichloromethane	2.6	80	7/30/19	Toluene	< 0.5	1000	7/30/19
Bromoform	1	80	7/30/19	Total Trihalomethanes	7.7	80	7/30/19
Bromomethane	< 0.5	NR	7/30/19	Total Xylenes	< 0.5	10,000	7/30/19
Carbon Disulfide	< 0.5	NR	7/30/19	Trans-1,2-Dichloroethylene	< 0.5	100	7/30/19
Carbon Tetrachloride	< 0.5	5	7/30/19	Trans-1,3-Dichloropropylene	< 0.5	NR	7/30/19
Chlorobenzene	< 0.5	100	7/30/19	Trichloroethylene	< 0.5	5	7/30/19
Chloroform	1.6	80	7/30/19	Trichlorofluoromethane	< 0.5	NR	7/30/19
Chloromethane	< 0.5	NR	7/30/19	Vinyl chloride	< 0.5	2	7/30/19
cis-1,2-Dichloroethylene	< 0.5	70	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	9/2/14	Glyphosate	< 10	700	9/2/14
2,4-D	< 1	70	9/2/14	Heptachlor	< 0.1	0.4	9/2/14
3-Hydroxycarbofuran	< 1	NR	9/2/14	Heptachlor Epoxide	< 0.1	0.2	9/2/14
Alachlor	< 0.1	2	9/2/14	Hexachlorobenzene	< 0.1	1	9/2/14
Aldicarb	< 1	NR	9/2/14	Hexachlorocyclopentadiene	< 0.1	50	9/2/14
Aldicarb Sulfone	< 1	NR	9/2/14	Lindane	< 0.1	0.2	9/2/14
Aldicarb Sulfoxide	< 1	NR	9/2/14	Methiocarb	< 1	7	9/2/14
Aldrin	< 0.1	NR	9/2/14	Methomyl	< 1	NR	9/2/14
Atrazine	< 0.1	3	9/2/14	Methoxychlor	< 0.1	40	9/2/14
Benzo(a)pyrene	< 0.1	0.2	9/2/14	Metolachlor	< 0.1	40	9/2/14
Butachlor	< 0.1	NR	9/2/14	Metribuzin	< 0.1	NR	9/2/14
Carbaryl	< 1	NR	9/2/14	Oxamyl (Vydate)	< 1	200	9/2/14
Carbofuran	< 1	40	9/2/14	PCB Aroclor 1016		NR	
Chlordane	< 0.4	2	9/2/14	PCB Aroclor 1221		NR	
Dalapon		200		PCB Aroclor 1232		NR	
Di (2-ethylhexyl) adipate	< 1	400	9/2/14	PCB Aroclor 1242		NR	
Di (2-Ethylhexyl) phthalate	< 1	6	9/2/14	PCB Aroclor 1248		NR	
Dibromochloropropane (DBCP)	< 0.02	0.2	9/2/14	PCB Aroclor 1254		NR	
Dicamba	< 0.5	NR	9/2/14	PCB Aroclor 1260		NR	
Dieldrin	< 0.1	NR	9/2/14	Pentachlorophenol	< 0.1	1	9/2/14
Dinoseb	< 1	7	9/2/14	Picloram	< 0.5	500	9/2/14
Diquat		20		Propachlor	< 0.1	NR	9/2/14
Endrin	< 0.1	2	9/2/14	Propoxur (Baygon)	< 1	NR	9/2/14
Ethylene dibromide (EDB)	< 0.02	0.05	9/2/14	Simazine	< 0.1	4	9/2/14
				Toxaphene	< 2	3	9/2/14

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	3.2	15	7/19/17

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
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Radium 226 & 228 (pCi/L)	<1	5	7/19/17	Lead (µg/L) 90th percentile sample	< 1	15	2018
Uranium (µg/L)	6.9	30	7/19/17	Copper (mg/L) 90th percentile sample	0.669	1.3	2018

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	9/6/18
Arsenic (mg/L)	0.0045	0.01	4/7/20
Barium (mg/L)	0.0109	2	9/6/18
Beryllium (mg/L)	<0.001	0.004	9/6/18
Cadmium (mg/L)	<0.001	0.005	9/6/18
Chromium (mg/L)	<0.001	0.1	9/6/18
Fluoride (mg/L)	1.1	4	9/6/18
Mercury (mg/L)	<0.0001	0.002	9/6/18
Nitrate-N (mg/L)	< 0.2	10	7/30/19
Nitrite-N (mg/L)	< 0.2	1	9/6/18
Selenium (mg/L)	<0.001	0.05	9/6/18
Thallium (mg/L)	<0.001	0.002	9/6/18

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	5	250	9/6/18
Fluoride (mg/L)	1.1	2	9/6/18
Iron (mg/L)	< 0.1	0.3	9/6/18
Manganese (mg/L)	0.0025	0.05	9/6/18
pH (Standard Units)	7.72	6.5 – 8.5	9/6/18
Sulfate (mg/L)	9	250	9/6/18
Zinc (mg/L)	0.0176	5	9/6/18

Microbiological Contaminants (a)

Results	MCL	Frequency
Total Coliform	Absent	≤ 1/month
E. coli	Absent	Monthly
Chlorine Residual Range (mg/L)	0.2 - 1.0	

DISINFECTION BY-PRODUCTS (a)

Analyte	Results	MCL	Date
Total Trihalomethanes (µg/L)	7	80	7/9/19
Haloacetic Acids (µg/L)	< 1	60	7/9/19

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	62	8/5/15
Calcium (mg/L)	10.4	9/6/18
Copper (mg/L)	0.0173	9/6/18
Hardness, Total as CaCO ₃ (mg/L)	30.2	9/6/18
Magnesium (mg/L)	1.03	9/6/18
Nickel (mg/L)	<0.001	9/6/18
Radon Gas (pCi/L)	366	7/9/19
Sodium (mg/L)	25.8	9/6/18

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)	<2.00		2/4/20

*PFOS + PFOA can not exceed 70 ng/L

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Two bedrock wells.

Treatment: Chlorination to disinfect the water; filtration to reduce arsenic levels; phosphate to reduce corrosion and sequester iron and manganese; aeration to reduce radon 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.

(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 Protection Agency's Safe Drinking Water Hotline 1-800-426-4791.