

WATER QUALITY REPORT
Pittsfield Aqueduct Company, Pittsfield, NH
EPA # 1911010

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	7/10/17	Chloroform	27	80	7/10/17
1,1,1-Trichloroethane	< 0.5	200	7/10/17	Chloromethane	< 0.5	NR	7/10/17
1,1,2,2-Tetrachloroethane	< 0.5	NR	7/10/17	cis-1, 2-Dichloroethylene	< 0.5	70	7/10/17
1,1,2-Trichloroethane	< 0.5	5	7/10/17	cis-1, 3-Dichloropropylene	< 0.5	NR	7/10/17
1,1-Dichloroethane	< 0.5	NR	7/10/17	Dibromochloromethane	1.7	80	7/10/17
1,1-Dichloroethylene	< 0.5	7	7/10/17	Dibromomethane	< 0.5	NR	7/10/17
1,1-Dichloropropylene	< 0.5	NR	7/10/17	Dichlorodifluoromethane	< 0.5	NR	7/10/17
1,2,3-Trichlorobenzene	< 0.5	NR	7/10/17	Diethyl ether	< 0.5	NR	7/10/17
1,2,3-Trichloropropane	< 0.5	NR	7/10/17	Diisopropyl Ether (DIPE)	< 0.5	NR	7/10/17
1,2,4-Trichlorobenzene	< 0.5	70	7/10/17	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	7/10/17
1,2,4-Trimethylbenzene	< 0.5	NR	7/10/17	Ethylbenzene	< 0.5	700	7/10/17
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	7/10/17	Hexachlorobutadiene	< 0.5	NR	7/10/17
1,2-Dibromoethane	< 0.5	NR	7/10/17	Isopropylbenzene	< 0.5	NR	7/10/17
1,2-Dichlorobenzene	< 0.5	600	7/10/17	m/p - Xylenes	< 0.5	NR	7/10/17
1,2-Dichloroethane	< 0.5	5	7/10/17	Methylene chloride	< 0.5	5	7/10/17
1,2-Dichloropropane	< 0.5	5	7/10/17	Methyl-t-butyl-ether (MtBE)	< 0.5	13	7/10/17
1,3,5-Trimethylbenzene	< 0.5	NR	7/10/17	Napthalene	< 0.5	NR	7/10/17
1,3-Dichlorobenzene	< 0.5	NR	7/10/17	n-Butylbenzene	< 0.5	NR	7/10/17
1,3-Dichloropropane	< 0.5	NR	7/10/17	Nitrobenzene	< 10	NR	7/10/17
1,4-Dichlorobenzene	< 0.5	75	7/10/17	n-Propylbenzene	< 0.5	NR	7/10/17
2,2-Dichloropropane	< 0.5	NR	7/10/17	o-Xylene	< 0.5	NR	7/10/17
2-Butanone (MEK)	< 10	NR	7/10/17	sec Butylbenzene	< 0.5	NR	7/10/17
2-Chlorotoluene	< 0.5	0.5	7/10/17	Styrene	< 0.5	100	7/10/17
2-Hexanone	< 10	NR	7/10/17	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	7/10/17
4 Methyl-2-Pentanone (MIBK)	< 10	NR	7/10/17	Tert-Butyl Alcohol (TBA)	< 10	NR	7/10/17
4-Chlorotoluene	< 0.5	0.5	7/10/17	Tert-Butylbenzene	< 0.5	NR	7/10/17
4-Isopropyltoluene	< 0.5	NR	7/10/17	Tetrachloroethylene	< 0.5	5	7/10/17
Acetone	< 10	NR	7/10/17	Tetrachloromethane	< 0.5	NR	7/10/17
Benzene	< 0.5	5	7/10/17	Tetrahydrofuran	< 10	NR	7/10/17
Bromobenzene	< 0.5	NR	7/10/17	Toluene	< 0.5	1000	7/10/17
Bromochloromethane	< 0.5	NR	7/10/17	Total Trihalomethanes	37	80	7/10/17
Bromodichloromethane	8.3	80	7/10/17	Total Xylenes	< 0.5	10,000	7/10/17
Bromoform	< 0.5	80	7/10/17	Trans-1, 2-Dichloroethylene	< 0.5	100	7/10/17
Bromomethane	< 0.5	NR	7/10/17	Trans-1, 3-Dichloropropylene	< 0.5	NR	7/10/17
Carbon Disulfide	< 0.5	NR	7/10/17	Trichloroethylene	< 0.5	5	7/10/17
Carbon Tetrachloride	< 0.5	5	7/10/17	Trichlorofluoromethane	< 0.5	NR	7/10/17
Chlorobenzene	< 0.5	100	7/10/17	Vinyl chloride	< 0.5	2	7/10/17
Chloroethane	< 0.5	NR	7/10/17				

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	7/9/14	Diquat		20	
2,4-D	< 1	70	7/9/14	Endrin	< 0.1	2	7/9/14
3-Hydroxycarbofuran	< 1	NR	7/9/14	Ethylene dibromide (EDB)	< 0.02	0.05	7/9/14
Alachlor	< 0.1	2	7/9/14	Glyphosate	< 10	700	7/9/14
Aldicarb	< 1	NR	7/9/14	Heptachlor	< 0.1	0.4	7/9/14
Aldicarb Sulfone	< 1	NR	7/9/14	Heptachlor Epoxide	< 0.1	0.2	7/9/14
Aldicarb Sulfoxide	< 1	NR	7/9/14	Hexachlorobenzene	< 0.1	1	7/9/14
Aldrin	< 0.1	NR	7/9/14	Hexachlorocyclopentadiene	< 0.1	50	7/9/14
Atrazine	< 0.1	3	7/9/14	Lindane	< 0.1	0.2	7/9/14
Benzo(a)pyrene	< 0.1	0.2	7/9/14	Methiocarb	< 1	7	7/9/14
Butachlor	< 0.1	NR	7/9/14	Methomyl	< 1	NR	7/9/14
Carbaryl	< 1	NR	7/9/14	Methoxychlor	< 0.1	40	7/9/14
Carbofuran	< 1	40	7/9/14	Metolachlor	< 0.1	40	7/9/14
Chlordane	< 0.4	2	7/9/14	Metribuzin	< 0.1	NR	7/9/14
Dalapon		200		Oxamyl (Vydate)	< 1	200	7/9/14
Di (2-ethylhexyl) adipate	< 1	400	7/9/14	Pentachlorophenol	< 0.1	1	7/9/14
Di (2-Ethylhexyl) phthalate	< 1	6	7/9/14	Picloram	< 0.5	500	7/9/14
Dibromochloropropane (DBCP)	< 0.02	0.2	7/9/14	Propachlor	< 0.1	NR	7/9/14
Dicamba	< 0.5	NR	7/9/14	Propoxur (Baygon)	< 1	NR	7/9/14
Dieldrin	< 0.1	NR	7/9/14	Simazine	< 0.1	4	7/9/14
Dinoseb	< 1	7	7/9/14	Toxaphene	< 2	3	7/9/14

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	< 3	15	7/11/16
Radium 226 & 228 (pCi/L)	< 1	5	7/11/16

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	5	15	2018

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Uranium (µg/L)	< 1	30	7/11/16	Copper (mg/L) 90th percentile sample	0.127	1.3	2018
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INORGANIC CONTAMINANTS (b)

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

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	7	250	7/10/19
Fluoride (mg/L)	< 0.2	2	7/10/18
Iron (mg/L)	< 0.1	0.3	7/10/19
Manganese (mg/L)	0.0318	0.05	7/10/19
pH (Standard Units)	7.6	6.5 – 8.5	7/10/19
Sulfate (mg/L)	7	250	7/10/19
Zinc (mg/L)	0.122	5	7/10/19

Microbiological Contaminants (a)

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

DISINFECTION BY-PRODUCTS (a)

Analyte	Results	MCL	Date
Total Trihalomethanes (µg/L)	24 - 68	80	2017
Haloacetic Acids (µg/L)	3.1 - 36	60	2017

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	25	7/10/19
Calcium (mg/L)	1.55	7/10/19
Copper (mg/L)	< 0.001	7/10/19
Hardness, Total as CaCO ₃ (mg/L)	6.47	7/10/19
Magnesium (mg/L)	0.63	7/10/19
Nickel (mg/L)	<0.001	7/10/19
Radon Gas (pCi/L)	< 200	2/19/02
Sodium (mg/L)	8.72	7/10/19
Total Organic Carbon	1.81	2018

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	< 1.77	NR	9/24/18
Perfluoroheptanoic acid (PFHpA) (ng/L)	< 1.77	NR	9/24/18
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	< 1.77	NR	9/24/18
Perfluorononanoic acid (PFNA) (ng/L)	< 1.77	NR	9/24/18
Perfluorooctane sulfonate (PFOS) (ng/L)	< 1.77	70*	9/24/18
Perfluorooctanoic acid (PFOA) (ng/L)	< 1.77		9/24/18

*PFOS + PFOA can not exceed 70 ng/L

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Berry Pond which is a surface water supply located off route 107 in Pittsfield.

Treatment: Flocculation, sedimentation, filtration, chlorination, pH adjustment, and phosphate addition to mitigate 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 – 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 tested for but not regulated by the State or EPA.

(a) samples taken from the distribution system.

(a*) 2 samples collected from the distribution system 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 Gary Tetley, 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.