

**WATER QUALITY REPORT**  
**PITTSFILED 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	7/12/11	cis-1, 2-Dichloroethylene	< 0.5	70	Date
1,1,1-Trichloroethane	< 0.5	200	7/12/11	cis-1, 3-Dichloropropylene	< 0.5	NR	7/12/11
1,1,2,2-Tetrachloroethane	< 0.5	NR	7/12/11	Dibromochloromethane	1.8	80	7/12/11
1,1,2-Trichloroethane	< 0.5	5	7/12/11	Dibromomethane	< 0.5	NR	7/12/11
1,1-Dichloroethane	< 0.5	NR	7/12/11	Dichlorodifluoromethane	< 0.5	NR	7/12/11
1,1-Dichloroethane	< 0.5	7	7/12/11	Diethyl ether	< 0.5	NR	7/12/11
1,1-Dichloropropylene	< 0.5	NR	7/12/11	Diisopropyl Ether (DIPE)	< 0.5	NR	7/12/11
1,2,3-Trichlorobenzene	< 0.5	NR	7/12/11	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	7/12/11
1,2,3-Trichloropropane	< 0.5	NR	7/12/11	Ethylbenzene	< 0.5	700	7/12/11
1,2,4-Trichlorobenzene	< 0.5	70	7/12/11	Hexachlorobutadiene	< 0.5	NR	7/12/11
1,2,4-Trimethylbenzene	< 0.5	NR	7/12/11	Isopropylbenzene	< 0.5	NR	7/12/11
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	7/12/11	m/p - Xylenes	< 0.5	NR	7/12/11
1,2-Dibromoethane	< 0.5	NR	7/12/11	Methyl ethyl ketone (MEK) 2-Butanone	<10	NR	7/12/11
1,2-Dichlorobenzene	< 0.5	600	7/12/11	Methylene chloride	< 0.5	5	7/12/11
1,2-Dichloroethane	< 0.5	5	7/12/11	Methyl-t-butyl-ether (MtBE)	< 0.5	13	7/12/11
1,2-Dichloropropane	< 0.5	5	7/12/11	Napthalene	< 0.5	NR	7/12/11
1,3,5-Trimethylbenzene	< 0.5	NR	7/12/11	n-Butylbenzene	< 0.5	NR	7/12/11
1,3-Dichlorobenzene	< 0.5	NR	7/12/11	Nitrobenzene	<10	NR	7/12/11
1,3-Dichloropropane	< 0.5	NR	7/12/11	n-Propylbenzene	< 0.5	NR	7/12/11
1,4-Dichlorobenzene	< 0.5	75	7/12/11	o-Xylene	< 0.5	NR	7/12/11
2,2-Dichloropropane	< 0.5	NR	7/12/11	sec Butylbenzene	< 0.5	NR	7/12/11
2-Chlorotoluene	<0.5	0.5	7/12/11	Styrene	< 0.5	100	7/12/11
2-Hexanone	<10	NR	7/12/11	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	7/12/11
4 Methyl-2-Pentanone (MIBK)	<10	NR	7/12/11	Tert-Butyl Alcohol (TBA)	<10	NR	7/12/11
4-Chlorotoluene	<0.5	0.5	7/12/11	Tert-Butylbenzene	< 0.5	NR	7/12/11
4-Isopropyltoluene	< 0.5	NR	7/12/11	Tetrachloroethylene	< 0.5	5	7/12/11
Acetone	<10	NR	7/12/11	Tetrachloromethane	< 0.5	NR	7/12/11
Benzene	< 0.5	5	7/12/11	Tetrahydrofuran	<10	NR	7/12/11
Bromobenzene	< 0.5	NR	7/12/11	Toluene	< 0.5	1000	7/12/11
Bromochloromethane	< 0.5	NR	7/12/11	Total Trihalomethanes	31.2	80	7/12/11
Bromodichloromethane	6.4	80	7/12/11	Total Xylenes	< 0.5	10,000	7/12/11
Bromoform	< 0.5	80	7/12/11	Trans-1, 2-Dichloroethylene	< 0.5	100	7/12/11
Bromomethane	< 0.5	NR	7/12/11	Trans-1, 3-Dichloropropylene	< 0.5	NR	7/12/11
Carbon Disulfide	< 0.5	NR	7/12/11	Trichloroethylene	< 0.5	5	7/12/11
Chlorobenzene	< 0.5	100	7/12/11	Trichlorofluoromethane	< 0.5	NR	7/12/11
Chloroethane	< 0.5	NR	7/12/11	Vinyl chloride	< 0.5	2	7/12/11
Chloroform	23	80	7/12/11				
Chloromethane	< 0.5	NR	7/12/11				
				<b>DISINFECTION BY-PRODUCTS (a)</b>			
				Total Trihalomethanes	58-69	80	7/12/11
				Haloacetic Acids	16-29	60	7/12/11

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

	Results	MCL	Date		Results	MCL	Date
1, 2-Dibromo-3-chloropropane (DBCP)	< 0.02	0.2	7/12/11	Endrin	< 0.1	2	7/12/11
2,4,5-TP (Silvex)	< 0.25	50	7/12/11	Ethylene dibromide (EDB)	< 0.02	0.05	7/12/11
2,4-D	< 1	70	7/12/11	Glyphosate	< 10	700	7/12/11
3-Hydroxycarbofuran	< 1	NR	7/12/11	Heptachlor	< 0.1	0.4	7/12/11
Alachlor	< 0.1	2	7/12/11	Heptachlor Epoxide	< 0.1	0.2	7/12/11
Aldicarb	< 1	NR	7/12/11	Hexachlorobenzene	< 0.1	1	7/12/11
Aldicarb Sulfone	< 1	NR	7/12/11	Hexachlorocyclopentadiene	< 0.1	50	7/12/11
Aldicarb Sulfoxide	< 1	NR	7/12/11	Lindane	< 0.1	0.2	7/12/11
Aldrin	< 0.1	NR	7/12/11	Methiocarb	< 1	7	7/12/11
Atrazine	< 0.1	3	7/12/11	Metolachlor	< 0.1	40	7/12/11
Benzo(a)pyrene	< 0.1	0.2	7/12/11	Methomyl	< 1	NR	7/12/11
Butachlor	< 0.1	NR	7/12/11	Methoxychlor	< 0.1	40	7/12/11
Carbaryl	< 1	NR	7/12/11	Metribuzin	< 0.1	NR	7/12/11
Carbofuran	< 1	40	7/12/11	Oxamyl (Vydate)	< 1	200	7/12/11
Chlordane	< 0.4	2	7/12/11	Pentachlorophenol	< 0.1	1	7/12/11
Di (2-ethylhexyl) adipate	< 1	400	7/12/11	Picloram	< 0.5	500	7/12/11
Di (2-Ethylhexyl) phthalate	< 1	6	7/12/11	Propachlor	< 0.1	NR	7/12/11
Dicamba	< 0.5	NR	7/12/11	Propoxur (Baygon)	< 1	NR	7/12/11
Dieldrin	< 0.1	NR	7/12/11	Simazine	< 0.1	4	7/12/11
Dinoseb	< 1	7	7/12/11	Toxaphene	< 2	3	7/12/11

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**INORGANIC CONTAMINANTS (b)**

Analyte	Results	MCL	Date
Antimony (µg/L)	< 2	6	7/12/11
Arsenic (µg/L)	< 2	10	7/12/11
Barium (mg/L)	< 0.01	2	7/12/11
Beryllium (µg/L)	< 2	4	7/12/11
Cadmium (µg/L)	< 2	5	7/12/11
Chromium (µg/L)	< 10	100	7/12/11
Cyanide (µg/L)	< 20	200	7/12/11
Fluoride (mg/L)	<0.20	4	7/12/11
Mercury (µg/L)	<0.1	2	7/12/11
Nickel (µg/L)	< 10	100	7/12/11
Nitrate-N (mg/L)	< 0.2	10	7/12/11
Nitrite-N (mg/L)	< 0.05	1	7/12/11
Selenium (µg/L)	< 5	50	7/12/11
Thallium (µg/L)	< 1	2	7/12/11

**FIRST DRAW LEAD AND COPPER (a)**

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	< 5	15	2009
Copper (mg/L) 90th percentile sample	0.033	1.3	2009

**SECONDARY CONTAMINANTS (b) - AESTHETIC**

Analyte	Results	SMCL	Date
Chloride (mg/L)	6	250	7/12/11
Fluoride (mg/L)	<0.20	2	7/12/11
Iron (mg/L)	< 0.01	0.3	7/12/11
Manganese (mg/L)	<0.01	0.05	7/12/11
pH (Standard Units)	6.89	6.5 – 8.5	7/12/11
Silver (µg/L)	< 4	100	7/12/11
Sodium (mg/L)	12.2	100-250	7/12/11
Sulfate (mg/L)	8	250	7/12/11
Zinc (mg/L)	0.635	5	7/12/11

**RADIOLOGICAL CONTAMINANTS (b)**

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	< 2.5	15	10/11/07
Radon Gas (pCi/L)	< 200	None	2/19/02
Radium-226 (pCi/L)	0.3	5	10/11/07
Radium-228 (pCi/L)	< 0.5	5	10/11/07
Uranium (µg/L)	< 1	30	10/11/07

**UNREGULATED CONTAMINANTS (b)**

Analyte (Units)	Results	Date
Alkalinity as CaCO <sub>3</sub> (mg/L)	12.5	7/21/09
Calcium (mg/L)	1.7	7/12/11
Copper (mg/L)	< 0.01	7/12/11
Hardness, Total as CaCO <sub>3</sub> (mg/L)	4.2	7/12/11
Hydrogen Sulfide (mg/L)	<0.02	7/21/09
Lead (µg/L)	< 5	7/21/09
Magnesium (mg/L)	<1	7/12/11
Specific Conductance (umhos/cm <sup>2</sup> )	75.2	7/21/09
Sulfide (mg/L)	<0.2	7/21/09

Microbiological Contaminants (a)	Results	MCL	
Total Coliform	Absent	≤1/month	
E. coli	Absent	Absent	
Total Chlorine Residual (mg/L)	0.56	≤ 4	Average

**SOURCE WATER 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 aid corrosion control.

**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.

**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, Water Quality Manager, at 1-603-913-2378 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.