

## Important Information about Your Drinking Water

### Availability of Monitoring Data for Unregulated Contaminants for Wareham Fire District

As required by US Environmental Protection Agency (EPA), our water system has sampled for a series of unregulated contaminants. Unregulated contaminants are those that do not yet have a drinking water standard set by EPA. The purpose of monitoring for these contaminants is to help EPA decide whether the contaminants should have a public health protection standard.

#### Unregulated Contaminant Monitoring Rule (UCMR3 - 2015) - *Monitoring Results*

Contaminant	Minimum Reporting Level (ug/L)	Range, ug/L (Average, ug/L)	Health Reference Level	Dates Collected	Use or Environmental Source
<b>Volatile Organic Compounds: EPA Method 524.3</b>					
1,2,3-trichloropropane	0.03	<0.03 (<0.30)	---	7/16 (2014) 1/20, 2/18, 8/11 (2015)	Halogenated alkane; used as an ingredient in paint, varnish remover, solvents and degreasing agents
1,3-butadiene	0.1	<0.01 (<0.10)	---		Alkene; used in rubber manufacturing and occurs as a gas
chloromethane (methyl chloride)	0.2	<0.20 (<0.20)	---		Halogenated alkane; used as foaming agent, in production of other substances, and by-product that can form when chlorine used to disinfect drinking water
1,1-dichloroethane	0.03	<0.03 (<0.30)	---		Halogenated alkane; used as a solvent
bromomethane	0.2	<0.20 (<0.20)	---		Halogenated alkane; occurs as a gas, and used as a fumigant on soil before planting, on crops after harvest, on vehicles and buildings, and for other specialized purposes
chlorodifluoromethane (HCFC)	0.08	<0.08 (<0.80)	---		Chlorofluorocarbon; occurs as a gas, and used as a refrigerant, as a low-temperature solvent, and in fluorocarbon resins, especially tetrafluoroethylene polymers
bromochloromethane (Halon 1011)	0.06	<0.06 (<0.06)	---		Used as a fire-extinguishing fluid, an explosive suppressant, and as a solvent in the manufacturing of pesticides
<b>Synthetic Organic Compound: EPA Method 522</b>					
1,4-dioxane	0.07	<0.07 (<0.07)	0.3	7/16 (2014) 1/20, 2/18, 8/11 (2015)	Cyclic aliphatic ether; used as a solvent or solvent stabilizer in manufacture and processing of paper, cotton, textile products, automotive coolant, cosmetics and shampoos
<b>Metals: EPA Method 200.8; SM 3125; ASTM D5763-10</b>					
vanadium	0.20	<0.2 - 1.00 (0.25)	---	7/16 (2014) 1/20, 2/18, 8/11 (2015)	Naturally-occurring elemental metal; used as vanadium pentoxide which is a chemical intermediate and a catalyst
molybdenum	1.00	<1.00 (<1.00)	---		Naturally-occurring element found in ores and present in plants, animals and bacteria; commonly used form molybdenum trioxide used as a chemical reagent
cobalt	1.00	<1.00 (<1.00)	---		Naturally-occurring element found in the earth's crust and at low concentrations in seawater, and in some surface and ground water; cobaltous chloride was formerly used in medicine and as a germicide
strontium	0.30	17 - 61 (34.8)	---		Naturally-occurring element; historically, commercial use of strontium has been in the faceplate glass of cathode-ray tube televisions to block x-ray emissions
chromium	0.20	<0.20 - 0.30 (0.22)	---		See chromium-6 for use or source information; though the amount measured when analyzing for "total chromium" is the sum of chromium in all of its valence states, the MCL for EPA's current total chromium regulation was determined based upon the health effects of chromium-6
<b>Chromium-6: EPA Method 218.7</b>					
chromium-6	0.03	0.03 - 0.25 (0.14)	---	7/16 (2014) 1/20, 2/18, 8/11 (2015)	Naturally-occurring element; used in making steel and other alloys; chromium-3 or -6 forms are used for chrome plating, dyes and pigments, leather tanning, and wood preservation
<b>Oxyhalide Anion: EPA Method 300.1; SM 4110D; ASTM D658-08</b>					
chlorate	20.00	<20 to 130 (42)	210/700	7/16 (2014) 1/20, 2/18, 8/11 (2015)	Agricultural defoliant or desiccant; disinfection byproduct; and used in production of chlorine dioxide
<b>Perfluorinated Compounds: EPA Method 537</b>					
perfluorooctanesulfonic Acid (PFOS)	0.04	<0.04 (<0.04)	---	7/16 (2014) 1/20, 2/18, 8/11 (2015)	Surfactant or emulsifier; used in fire-fighting foam, circuit board etching acids, alkaline cleaners, floor polish, and as a pesticide active ingredient for insect bait traps; U.S. manufacture of PFOS phased out in 2002; however, PFOS still generated incidentally
perfluorooctanoic acid (PFOA)	0.02	<0.02 (<0.02)	0.07		Perfluorinated aliphatic carboxylic acid; used for its emulsifier and surfactant properties in or as fluoropolymers (such as Teflon), fire-fighting foams, cleaners, cosmetics, greases and lubricants, paints, polishes, adhesives and photographic films
perfluorononanoic acid (PFNA)	0.02	<0.02 (<0.02)	---		Manmade chemical; used in products to make them stain, grease, heat and water resistant
perfluorohexanesulfonic acid (PFHxS)	0.03	<0.03 (<0.03)	---		Manmade chemical; used in products to make them stain, grease, heat and water resistant
perfluoroheptanoic acid (PFHpA)	0.01	<0.01 (<0.01)	---		Manmade chemical; used in products to make them stain, grease, heat and water resistant
perfluorobutanesulfonic acid (PFBS)	0.09	<0.09 (<0.09)	---		Manmade chemical; used in products to make them stain, grease, heat and water resistant

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**What should I do?**

You do not have to do anything but as our customers you have a right to know that these data are available.

You may share this information with other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, food establishments, medical facilities and businesses).

**For more information**

For additional information on your water and the unregulated contaminants we sampled for, see the water department's Consumer Confidence Report (CCR) delivered by your water department by July 1 of each year. A link to the CCR can be found here:

<http://www.warehamfiredistrict.org/waterdepartment/ccr.html>

If you have any questions about your CCR, see the contact information below for the water department.

For information on the Unregulated Contaminant Monitoring Program, visit the MassDEP website and navigate to Unregulated Contaminant Monitoring Program:

(<http://www.mass.gov/eea/agencies/massdep/water/drinking/water-systems-ops.html>)

If you want to speak with someone at the water department about the results, please contact Andrew Reid at 508-295-0450 or 2550 Cranberry Highway, Wareham, MA 02571.

This notice is being sent to you by Wareham Fire District.  
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