

Belfair Water District #1

Consumer Confidence Report 2017

This is the annual report of your drinking water to help you be better informed, and is also required to be distributed annually by federal Safe Drinking Water Act (SDWA) and the State of Washington.



Commissioners: Chair: Linnie Griffin, Secretary: Mike Pope, Treasurer: Jill Satran-Loudin

New General Manager: Dale Webb who has over 17 years in the waterworks industry

New Field Technician: James Freeman who has worked for 16 years in the waterworks wholesale supply industry

and 18 years hands-on in the waterworks industry

Human Resources/Financial: Sherri LaHaie

Customer Service: Ruby Nelson

Your Drinking Water Supply

Belfair Water District has four wells, three wells on the south end of the District, one well on the north end. The main supplier during 2017 was Well 4. These wells provide water from deep aquifers (ground water) minimally treated with chlorine, then pumped to five reservoirs around the District and tested as required by Washington Department of Health and U.S. Environmental Protection Agency.

Coliform Sampling

BWD is required to take two Total Coliform bacteria samples a month. Although TC bacteria by itself is not harmful and are in fact common in the environment, the presence of TC bacteria indicates that more testing is required.

News About the District

- The District now offers Express Bill Pay. You are able to pay your bill online through our website belfairwater.org
- We are currently upgrading Well 1 and are in the process of upgrading and rehabbing well 3. We fully anticipate both wells to be online early 2018.
- Belfair Water District has been operating with a "Green" Status. This means we are in good standing with all requirements stipulated by Washington Department of Health and the Environmental Protection Agency.

Public Participation

Water district customers are invited to attend regular district meetings.

When: 2nd and 4th Tuesdays of the month

Time: 6:00 pm

Where: 22451 Highway 3 Belfair WA 98528

For more information, please contact Dale Webb at 360-275-3008

www.belfairwater.org



Water Use Efficiency

All water districts are required to set measurable water efficiency goals. This means the difference between metered water from the source and meter water billed. BWD was over 10% of loss last year. We will be ordering and installing new meters for our wells to make sure all the water that produced is fully accounted for. Also, in the current year we will be very diligent on any repair of any leaks in our water system.



Terms and Abbreviations

AL (Action Level): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Contaminant: A word used to describe anything detected in the Drinking water supply. This term is commonly used in the drinking water industry and should not necessarily invite concern, as well all drinking water contains trace amounts of minerals and other substances.

MCL: (Maximum Contaminant Level): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

MCLG (Maximum Contaminant Level Goal): The level of a contaminant in drinking water below which there is no known expected risk to health.

ND (Not detected): Lab analysis indicates that the contaminant is not present or not detectable with the best available technology.

PPB: Parts per Billion, or micrograms per liter.

PPM: Parts per million, or milligrams per liter.

Range: The lowest (minimum) amount of contaminant detected and the highest (maximum) amount detected during a sample period.

Belfair Water District *Sampling Schedule*

Chlorine Residual	Daily
Total Coliform-E.coli	Monthly
Arsenic	Every 3yrs
Disinfection by-products	Annually
Inorganic Chemicals	Every 9yrs
Lead and Copper	Every 3yrs
Asbestos	Every 9yrs
Volatile Organic Compounds	Every 6yrs
Synthetic Organic Chemicals	Every 9yrs
Nitrates	Annually
Radionuclides	Every 6yrs

2017 Water Quality Data table

The Environmental Protection Agency regulates the frequency of sampling for various contaminants. The data presented in this table is from testing conducted in 2017. The table may also include any other testing within the last five years for analyses that were not required in the year 2017.

Contaminants/Units	MCLG	MCL	Result	Sample Date	Violation	Typical Source
Disinfection By-Products						
Total Trihalomethane (ppb)	0	80	ND	11/6/2017	NO	By product of drinking water disinfection
Halo-Acetic Acids	0	60	ND	11/6/2017	NO	BY product of drinking water disinfection
Inorganic Contaminants						
Arsenic (ppb)	0	10	<0.001	12/4/2017	NO	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronic wastes.
Nitrate	10	10	<0.1			Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Manganese	0	0.05	<0.01	12/4/2017	NO	Leaching from natural deposits.
Volatile Organic Compounds						
Vinyl Chloride (ppb)	0	2	ND	12/5/2017	NO	Leaching from Plastic pipes
Benzene	0	5	ND	12/5/2017	NO	Leaching from paints and solvents
Lead and Copper						
	MCLG	AL	Results	Sample Date	Violation	
Lead (ppb) 10 Samples	0	15	0.002	11/2017	NO	Corrosion of household plumbing systems; Erosion of natural deposits
Copper (ppb) 10 Samples	1.3	1.3	0.027	11/2017	NO	Corrosion of household plumbing systems; Erosion of natural deposits

Sampling Violation

Monthly Total Coliform sampling was not taken in September of 2017. You should be aware that all other months were taken for the year was passed.

Important Health Information

Drinking water, including bottled water, may reasonably be expected to contain at least trace amounts of "contaminants". The presence of these do not necessarily indicate that water poses a health risk. Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons, such as persons undergoing chemotherapy, persons who have HIV / AIDS or other immune system disorders, some elderly and infants can be particularly at risk from infections. These people should seek advice from their health care providers. Please call if any further information is needed.

360-275-3008