Consumer Confidence Report 2024

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

Water Use Efficiency

All water districts are required to set measurable water efficiency goals. This means the difference between metered water from source and metered water billed. Belfair Water District had a loss of 2024 of 12.1%. The State of Washington set goals for all districts to be below 10%. We have been prompt on leak repairs, plus we scheduled with a leak detection company and evaluated 75% of the District. By June of 2024 we finished all customer meter replacements. 16 leaks were found this year and repaired promptly.

Your Drinking Water Supply

Belfair Water District has four ground water wells, three wells on the south end of the district, one well on the north end. 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 1-800-525-0127

NEWS

The Belfair Water District successfully completed the 2024 Service Line Inventory and finalized the replacement of all water meters throughout the district. In addition, all fire hydrants were freshly repainted to ensure continued safety and visibility.

The District completed the modernization of the booster pump system at the Rasor Road site. The District also acquired property adjacent to this site, enhancing our operational flexibility for future improvements.

No violations reported for 2024.

Communication systems were upgraded at Well 4, the storage tank, and the Romance Hill Booster Station to support more efficient monitoring and control. A failed booster pump motor at the Romance Hill site was replaced, and the site's piping system was upgraded to improve reliability. We also installed a new security gate at this location.

To further strengthen our emergency preparedness, new backup generators were installed at the District Office, Well 4, and the Romance Hill Booster Station. These additions will ensure uninterrupted service during power outages and other emergency events.

OPERATOR EDUCATION

Water quality operators at Belfair Water District are required to maintain active professional certifications and accrue ongoing continuing education units (CEUs). These mandates ensure personnel remain current with evolving federal and state regulatory frameworks, industry standards, and emerging technologies. Through systematic and continuous professional development, operators are equipped to implement best practices, uphold stringent water quality parameters, and ensure regulatory compliance. Their sustained commitment underpins the District's mission to deliver potable water that meets or exceeds established safety and reliability benchmarks for public health protection.

10 Ways to Conserve Water

- Upgrade to efficient appliances • Run full loads in washer & dishwasher
- Take shorter showers
- Fix leaky faucets
- Water plants/lawns at night
- Use car washes
- Install low-flow fixtures
- Sweep sidewalks & driveways
- Turn off tap when brushing/shaving
- Mulch around shrubs to retain moisture

We are pleased to welcome all new residents to the district and look forward to serving you and working alongside you. We also sincerely thank our loyal customers for their continued support and partnership.

We continue to be committed to the highest quality of drinking water and to be in good standing with the community and The State of Washington.

Commissioners
Greg Born, Chairman Jill Satran-Loudin, Treasurer
Mike Pope, Secretary

General Manager
Dale Webb – 24 years' waterworks industry experience

Operations Manager
James Freeman, 25 years' waterworks industry experience

Field Service Technicians
Alex Gobble
Robert Kobloth

Office Manager
Lisa Douglas

Customers can join Commissioner meetings on the 2nd Tuesday of each month at 3:00 PM

22451 Highway 3
Belfair, WA 98528.
For info contact Dale Webb
(360)275-3008

2024 Water Quality Data Table

The Environmental Protection Agency regulates the frequency of sampling for various contaminates.

PARAMETER	HIGHEST LEVEL ALLOWED (EPA'S MCL)	IDEAL GOALS (EPA'S MCLG)	POTENTIAL SOURCES	HIGHEST LEVEL DETECTED IN MOST RECENT SAMPLES	RANGE OF LEVELS DETECTED IN MOST RECENT SAMPLES	MEETS STANDARDS
Regulated at the groundwater sources						
Arsenic 2019	0.010 mg/l	0	Erosion of natural deposits	0.001 mg/l	0.001 mg/l	YES
Nitrate 2024	10 mg/l	10 mg/l	Runoff from fertilizer, leaching from septic, sewage, erosion of natural deposits	<0.20	<0.20	YES
Gross Alpha (2020)	15 pCi/l	N/A	Erosion of natural deposits	N.D.	N.D.	YES
Radium 228 (2020)	5 pCi/l	N/A	Erosion of natural deposits	N.D.	N.D.	YES
PH Weekly				8.9	8.3-8.9	YES
Asbestos (2018)	7	0	Natural Occuring & Piping Systems	<0.123	<0.123	YES
Regulated in the distribution system						
Trihalomethanes (2024)	80 ug/l	N/A	By-product of drinking water chlorination	1.02 ug/l	1.02 ug/l	YES
Halo-Acetic Acids (2024)	60 ug/l	N/A	By-product of drinking water chlorination	N.D.	N.D.	YES
Chlorine - Daily	4 ppm	4 ppm	Water additive used to control microbes	.68 annual average	.23 to 1.09	YES
Regulated at the customer tap						
Lead (2020)	Action Level = 15ppb	0	Household plumbing	90th percentile	No sample sites exceeded the action level	YES
Copper (2023)	1.3 ppm	1.3 ppm	Household plumbing	90th percentile	No sample sites exceeded the action level	YES

Well 3 This well has not been used or pumped into the system since 2018. Belfair Water District no longer utilizes this well and does not anticipate it being returned to service in the future. Although we continue to conduct a range of tests on this well, and most results are non-detectable, the following are some of the compounds that have been detected. Please note: water from this well is never introduced into the active water system.

WELL 3	Result	SDRL	Trigger MCL	Exceed MG/L
Iron	2.40	0.1	0.3	Yes
Manganese	0.075	0.01	0.05	Yes
Lead	0.0013	0.001		No
Color	45.0	15	15	Yes
Turbidity	48.64	0.1		No
Sodium	7.9	5		No
Hardness	56.0	10		No

Backflow Prevention

Backflow Prevention is an Essential Part of Every Water System

To ensure safe, clean drinking water, a backflow prevention device can be installed to stop contaminants from flowing back into the public water supply. Belfair Water District is committed to providing the same high-quality water to the last user on the line as to the first. This protection is achieved through the use of backflow prevention devices. These devices are required for properties with wells, irrigation systems, commercial operations, or under other specific circumstances. If you have any questions about backflow prevention, please contact Belfair Water District's Cross Connection Specialist, Alex Gobble, at (360) 275-3008.

En español: Este informe contiene información importante sobre la calidad del agua potable. Debe ser traducido por alguien que hable inglés. Si tiene alguna pregunta sobre este informe, puede comunicarse con Belfair Water District #1 al (360) 275-3008 durante el horario de atención normal. Si desea una copia del CCR en español, puede verla en línea en belfairwater.org o recogerla en nuestra oficina.

Sample Schedule	Sampling dates pulled from the official water monitoring schedule
Chlorine Residual	Daily
Total Coliform-E.coli	Monthly
Arsenic	Every 3 yrs
Disinfection By-Products	Annually
Inorganic Chemicals	Every 9 yrs
Lead & Copper	Every 3 yrs
Manganese	Every 3 yrs
Nitrates	Annually
Radionnuclides	Every 6 yrs
Synthetic Organic Chemicals	Every 9 yrs
Volatile Organic Compounds	Every 6 yrs

TERMS & 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 commonly used term should not necessarily invite concern, as all drinking water contains trace amounts of minerals and other substances.
- **MCL (Maximum Contaminant Level):** The highest level of contaminant that is allowed in drinking water. n/a: not applicable.

UG/L: micrograms per liter • **MRDL:** The highest level of a disinfectant allowed in drinking water. **TT:** A required process intended to reduce the level of a contaminant in drinking water.

- **MCLG (Maximum Contaminant Level Goal):** The level of a contaminant in drinking water below which there is no know expected risk to health.
- **MRDLG:** Level of a drinking water disinfectant below which there is no known or expected risk to health.
- **AL:** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
- **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.

- **pCi/L:** Picocuries per liter: A measure of the radioactivity in water. mg/l: milligrams per liter or parts per million.
- • **Range**: The lowest (minimum) amount of contaminant detected, and the highest (maximum) amount detected during a sample period.

Questions?
Call
(360) 275-3008 or
Email:
belfairwater@hcc.net

IMPORTANT HEALTH INFORMATION

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline **(1-800-426-4791)**

Some people may be mor1 e vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines o appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791)