CITY OF BATTLE GROUND, WASHINGTON

WATER QUALITY REPORT 2025

Annual water testing results for testing performed in 2025.
Public Water System (PWS) ID No. 047005

CONTACT US

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We're here to help!

Main Line: 360-342-5350
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Report a Water Leak (24/7): 360-342-5370
Call Before You Dig: 8-1-1

WATER SYSTEM UPGRADE: WELL 6 RETURNS TO SERVICE

In October 2025, the City successfully returned Well 6 to service following a significant infrastructure improvement project designed to address naturally occurring iron found in the underground aquifer that supplies the well. The project represents a $1.4 million investment in the City's water system, funded largely through the American Rescue Plan Act (ARPA), with the remaining cost covered by the City's water enterprise fund. It expands the City's ability to provide reliable, locally sourced drinking water to residents and businesses.

Well 6 was originally taken offline in May 2011 after elevated levels of naturally occurring iron affected water quality. While iron is commonly found in groundwater throughout the Pacific Northwest and it does not typically pose a health concern at the levels encountered, it can cause discoloration, staining, and others issues that impact water quality.

To restore the well service, the City installed an advanced treatment and filtration system designed to more effectively remove iron from the water before it enters the distribution system. The upgraded facility has significantly reduced iron concentrations, allowing the well to once again become a productive source of drinking water for the community.

The return of Well 6 adds approximately 175 gallons of water per minute to the City's supply capacity. Over the course of a year, that equates to an estimated 91 million gallons of water.

This additional supply is especially valuable during the summer months, when outdoor irrigation and seasonal activates can significantly increase water demand. By producing more water locally, the City is expected to reduce the amount of supplemental water purchased from Clark Public Utilities during peak demand periods.

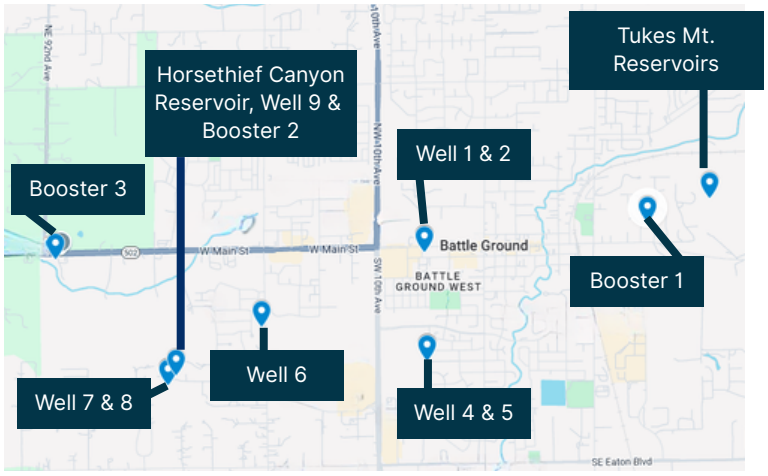
The return of Well 6, combined with the nearly completed Tukes Mountain Reservoir Project, enhances the resilience and long-term sustainability of the City's water system.





Photos of the City of Battle Ground's Well #6 and back wash tank (left) and the updated Well #6 filter system (right).

OUR WATER FACILITIES



These are secured facilities, public access is not permitted. Access is limited to authorized personnel only.

WATER TESTING & SAFETY MONITORING

To ensure that water is safe to drink, the Environmental Protection Agency (EPA) and the WA State Department of Health prescribe regulations that limit the number of certain contaminants in water provided by public water systems. To meet these standards the city contracts with a state-certified laboratory to conduct water quality analyses. Analyses are performed on water samples that are regularly taken from the source wells and distribution system. The wells are tested for chemical, physical, radioactive, and bacteriological parameters as required by Federal and State regulations.

In addition to well testing, the water quality is monitored throughout the distribution system. Several key locations within the distribution system have been selected for this purpose. Each location is tested for bacteria, color, turbidity, odor, and disinfectant level to assure that you receive safe and high-quality drinking water.

Clark Public Utilities Water Quality Report can be viewed by visiting www.clarkpublicutilities.com/about-cpu/public-documents/water-quality-reports.

We take our water quality very seriously. Last year the City collected more than 4,700 testing samples. These efforts are to ensure that your drinking water meets or exceeds all water quality standards established by the Environmental Protection Agency (EPA) and the WA State Department of Health.

DRINKING WATER & YOUR HEALTH

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminant 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 more 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 healthcare providers. EPA/CDC guidelines on 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).**

TESTING & MAINTENANCE SCHEDULE

Our water department conducts routine tests to ensure your water meets all of the Environmental Protection Agency's standards for healthy water. Below is a summary of the regular testing and maintenance schedule they follow:

DAILY

- Test samples are taken every day at each of the City's well sites, reservoirs, and intertie, to verify our water meets or exceeds all safety standards.
- Pump Inspections allows the operator to determine that the pump is functioning properly to ensure adequate performance, identify any maintenance needs, track energy usage, and more.

MONTHLY

- Routine samples (approximately 30 per every month) are collected from multiple locations throughout the City's water distribution system and submitted for bacterial testing, as required by the WA Department of Health.
- Fluoride samples are collected at each injection point and tested to ensure safe levels and full compliance with health standards.

YEARLY

- Additional testing is conducted annually in accordance with the Washington State Department of Health's Water Quality Monitoring Schedule (WQMS).

WATER CONSERVATION

Every Drop Counts



Small Changes - Big Impact

A key focus of the City's water system plan is conservation. Although our current system is capable of meeting our current needs, conserving this valuable resource is always important to incorporate into our daily lives. Conservation efforts can be as simple as taking shorter showers or watering your yard every other day.

For more information on ways to conserve visit our website at: www.cityofbg.org/239/Water-Conservation

A full copy of the City's Water System Plan may be viewed at: www.cityofbg.org/215/Water-System-Plan

EPA REGULATED COMPOUNDS

Trihalomethanes

Chemical	Results	Units	SRL	MCL	MCLG
Trihalomethanes (7)	35	pCi/L	0.5	80	N/A
Bromodichloromethane (7)	11	ug/L	0.5	N/A	N/A
Bromoform (7)	5.5	ug/L	0.6	N/A	N/A
Dibromochloromethane (7)	13	ug/L	0.5	N/A	N/A

Volatile Organic Chemicals

Chemical	Results	Units	SRL	MCL	MCLG
Tetrachlorothene (6)	.0-.62	ug/L	0.5	5.0	0

Inorganic Chemicals

Chemical	Results	Units	SRL	MCL	MCLG
Fluoride (2)	0.81	Mg/L	0.05	4	4
Nitrate-N (3)	1.7	Mg/L	0.5	10	10
Chloride (4)	26	ug/L	20	250	N/A

EPA Unregulated

Chemical	Results	Units	SRL	MCL	MCLG
Copper (5)	0.61-0.57	Mg/L	0.02	1.3	N/A
Lead (5)	0.025	Mg/L	0.001	0.015	2

EPA Regulated (Secondary)

Chemical	Results	Units	SRL	MCL	MCLG
Iron (4)	0.17	Mg/L	0.1	0.3	N/A
Manganese (4)	0.018	Mg/L	0.01	0.05	N/A
Sodium (1)	0-13	Mg/L	5	N/A	N/A

Radionuclides

Chemical	Results	Units	SRL	MCL	MCLG
Gross Alpha	.263	pCi/L	3.015	50	0

What do the tables above mean?

The tables show the results of our water quality analysis for 2019-2024. Every regulated contaminant that we detect in the water, even in the most minute traces, is listed here. The table contains the name of each substance and the findings.

Maximum Contaminant Level of MCL: *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.*

Maximum Contaminant Level Goal of MCLG: *The level of a contaminant in drinking water below which there is no known or expected risk to health. MCGLs allow for a margin of safety.*

LIKELY SOURCE OF CONTAMINENTS:

(1) Erosion of natural deposits
(2) Fluoride: Water additive that promotes strong teeth
(3) Nitrate-N: Erosion of natural deposits, septic systems, sewage and pesticides
(4) Chloride: Natural occurring by-product
(5) Natural erosion of copper plumbing
(6) Discharge from industrial and/or commercial sites
(7) Chlorine by-products
Highest level tested is indicated and is not indicative of consistent testing on this element. All results are from treated water samples.

Acronyms:
SRL - State Reporting Level
MCL - Maximum Contaminant Level
MCLG - Maximum Contaminant Level Goal

Units:
ug/L = Micrograms/ Liter
ppb = Parts per Billion
mg/L = Milligrams per Liter
ppm = Parts per Million

OUR WATER TREATMENT PROCESS

1 **Disinfection:** A small amount of chlorine is added to eliminate bacteria and microorganisms that may be in the water.

2 **Filtration:** Water passes through filters containing a granular material that removes very small particles from the water.

3 **Fluoridation:** Fluoride is added to promote dental health.

Disinfectants

Chemical	Results	Units	SRL	MRDL	MCLG
Chlorine	0.5	mg/L	0.2	**4.0**	4.0

Maximum Residual Disinfectant Level (MRDL): *The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.*

Maximum Residual Disinfectant Level Goal (MRDLG): *The level of a drinking water disinfectant below which there is no known expected risk to health. MRDLGs do not reflect the benefirs of the disinfectants to control microbial contaminants.*

Water quality is monitored and tested regularly throughout the distribution system. The City of Battle Ground meets all standards for safe drinking water.

If present, elevated levels of lead can cause serious problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Battle Ground is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds - two minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline 1-800-426-4971 or at www.epa.gov/safewater/lead.

To ensure that tap water is safe to drink, the Department of Health and the Environmental Protection Agencey (EPA) prescribe regulations that limit the amount of certain contaminants in water provide by public water systems. The Food and Drug Administration (FDA) and the Washington Department of Agriculture regulations establish limits for contaminants in bottled water that must provide the same protections for public health.

UNDERSTANDING PFAS

Concerns about “forever” chemicals, also known as PFAS, in our environment, have grown in recent years. Epidemiological studies of human populations indicate that exposure to PFOS and PFOA over certain levels may result in adverse health effects.

More information can be found on the state Department of Health’s PFAS in Drinking Water Dashboard.

What is PFAS? PFAS are a large group of human-made chemicals that have been used in industry and consumer products worldwide since the 1940s.

Perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) are found in products that are used to repel water, resist stains and grease, and smother fires. They can be found in well-known items such as fire-fighting foam, carpet, clothing, cookware, and packaging, etc.

PFAS Testing: The State of Washington was a leader in the nation and set action levels for PFOS/PFOA that went into effect in 2022. In 2023, the City of Battle Ground started testing for these substances under the new rules. The U.S. Environmental Protection Agency (EPA) announced regulations for PFAS in April of 2024 at much lower levels than State of Washington standards.

In compliance with the State testing regulations, the City of Battle Ground submitted samples from our active wells, (1,2,4,5,6, and 9).

Of the samples submitted, the sample taken from Wells #1 and #5 detected a PFAS result, **while the other well sites indicated no detection**.

*Note: Well #2 results reported to the right are published to meet reporting requirements. Samples taken from this site in 2025 indicated a non-detectable result for PFAS.

Well #1 - Test results from sample collected: 12/16/2025

PFAS Contaminant	Results	Units	State Action Level *(SAL)*
PFOS	2.12	ng/L	15

(*) Well #2 - Test results from sample collected: 1/29/2023

PFAS Contaminant	Results	Units	State Action Level *(SAL)*
PFHxS	2.84	ng/L	65

There is currently no SAL or health advisory for any of the following PFAS compounds:

PFAS Contaminant	Results	Units	State Action Level *(SAL)*
PFHpA	3.58	ng/L	n/a
PFHxA	15.3	ng/L	n/a
PFBA	3.9	ng/L	n/a
PFPeA	25.8	ng/L	n/a

When a contaminate with a SAL is detected at a concentration equal or greater than the trigger level of 2 ng/L, more frequent monitoring is required. A second test of Well #2 was conducted in the fall of 2023 which revealed a reduced result of PFHxS, totaling 2.29 ng/L. In accordance with DOH requirements, the City will conduct the next round of PFAS compliance testing in 2026.

Well #5 - Test results from sample collected: 12/16/2025

PFAS Contaminant	Results	Units	State Action Level *(SAL)*
PFOS	2.17	ng/L	15

State Action Level (SAL): *The concentration of a contaminant established to protect public health prior to the establishment of an MCL, whic requires public notification within 30 days of learning of an exceedance.*



This report contains important information about drinking water supplied by the City of Battle Ground, Washington.

Translation Services:

Requests may be made for documents in an alternate language by emailing cityclerk.info@cityofbg.org.

- *Información será traducida al español a petición de cityclerk.info@cityofbg.org.*
- *Информация имеется на русском языке по запросу на cityclerk.info@cityofbg.org.*
- 如需相关信息的中文版本，请来函索取：*cityclerk.info@cityofbg.org*
- *Za informacije na bosanskom jeziku obratite se na adresu cityclerk.info@cityofbg.org*
- *Ang impormasyon ay makukuha sa Tagalog sa pamamagitan ng kahilingan sa cityclerk.info@cityofbg.org*
- *Gửi yêu cầu nhận thông tin sẵn có bằng tiếng Việt đến cityclerk.info@cityofbg.org*