

2024 Annual Water Quality Report King County Water District 20

Volume 26

Gary G. Coy, *President*
Russ Pritchard, *Secretary*
Brooke Teegarden, *Commissioner*
Michael Martin,
General Manager

Photo courtesy of
Seattle Public Utilities

News from the District

This is the twenty sixth annual Water Quality Report to our customers, describing the District's drinking water sources and quality for 2023. Federal regulations require water utilities to provide information to their ratepayers annually. This report shows how your water complies with EPA standards. Water District 20 and the City of Seattle are proud of their water systems and want to share this information with you to help you make informed decisions about your drinking water.

2024 Capital Improvement Project S. 128th Street Water Main Replacement

This project is located on S. 128th Street between 1st Place S. and Des Moines Memorial Drive S. The project includes the installation of approximately 5,400 linear feet of 12-inch ductile iron, 850 linear feet of 8-inch ductile iron water main, valve assemblies, fire hydrants, 1-inch water service and meters, multiple connections to the existing system, and appurtenances. Additional work to include temporary signalization, traffic control, erosion control, temporary & permanent patching, and restoration of existing conditions, curb and sidewalks impacted through the execution of this project.

Let us know

We want to hear from you! Please let us know if you have any questions, concerns or ideas on how the District can better serve you!

Michael Martin, General Manager

Phone: (206) 243-3990

Email: kcwd20@kcwd20.com



Information for Water District 20 Customers

We want to help you save on your water bills! Did you know...

Water District 20 offers discounted rates for qualifying customers. If you are permanently disabled or over the age of 62 and your household income is less than \$40,000 per year, you qualify for a 30% discount off your bi-monthly fixed rate. Please contact our office to request an application today!

For residents within the City of Burien, the City's Utility Tax Relief Program offers rebates on certain utility taxes paid toward services such as water, sewer, solid waste removal provided by Recology Cleanscapes, electricity provided by Puget Sound Energy, telephone (including cellular), and basic cable television. For more information, please see the city's website: www.burienwa.gov/residents/resident_resources/utilities/utility_tax_relief_program or call them at (206) 241-4647.

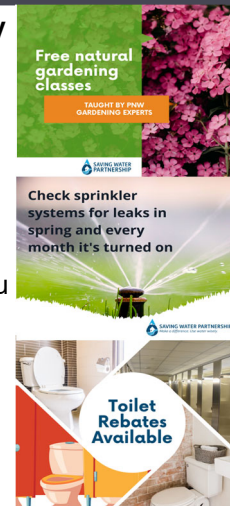
If you experience a water leak that requires a repair, you may qualify for an adjustment of some of the leaked water. Water District 20's leak adjustment policy provides property owners with the opportunity to apply for an adjustment once the leak is repaired. For more information, please contact our office at (206) 243-3990 or send us an email at kcwd20@kcwd20.com.

Unregulated Contaminant Monitoring Rule 5 (UCMR5) Sampling Results

UCMR5: The EPA established health advisory levels for 4 of the 29 per- and polyfluoroalkyl substances (PFAS) being monitored under UCMR 5. UCMR 5 sampling at the SPU intertie was Non-Detectable for PFA/PFO's utilizing EPA Method 533 & 537.1. Please contact the District office at (206) 243-3990 or kcwd20@kcwd20.com if you would like a copy of the results.

Use Water Wisely to Prevent Water Waste and Save Money

- Fix or report leaks to your property manager right away.
- Upgrade older water-using appliances to newer, more efficient models. Go to savingwater.org to learn about available rebates.
- Choose plants for your yard or garden that are well suited to the Pacific Northwest climate.
- Build better soil with compost and mulch. Healthy soil absorbs water easily, drains well, and retains moisture. You know it's time to invest in soil health when your higher-water use plants like lawns or annuals need more than an inch of water per week, including rain, in the summer.
- Visit savingwater.org for gardening tips, videos, and classes.



Annual Flushing

Water mains are flushed throughout the District quarterly to maintain high water quality. If you see water running down your street and you do NOT see our sign, please contact the office.

2023 Water Quality

The results of 2023 regional water quality testing are summarized in the table below. All of the compounds found in the Cedar River supply were found to be at lower levels than allowed by the Environmental Protection Agency (EPA).

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 (800) 426-4791.

Detected	Units	Typical Sources	MCLG	MCL	Average	Range	Complies?
Raw Water							
Total Organic Carbon	ppm	Naturally present in the environment	NA	TT	0.76	0.42 to 1.12	√ Yes
Finished Water							
Turbidity	NTU	Soil Runoff	NA	TT	0.38	0.19 to 3.5	√ Yes
Arsenic	ppb	Erosion of natural deposits	0	10	0.4	0.3 to 0.6	√ Yes
Barium	ppb	Erosion of natural deposits	2000	2000	1.5	1.3 to 1.7	√ Yes
Bromate	ppb	By-products of drinking water disinfection	0	10	0.7	ND to 11	√ Yes
Fluoride	ppm	Water additive, which promotes strong teeth	4	4	0.7	0.5 to 0.8	√ Yes
Nitrate	ppm	Erosion of natural deposits	10	10	0.1	One Sample	√ Yes
Total Trihalomethanes	ppb	By-products of drinking water chlorination	NA	80	Average = 37 Range = 21.4 to 52.0		
Haloacetic Acids (5)	ppb	By-products of drinking water chlorination	NA	60	Average = 26 Range = 14.5 to 35.9		
Chlorine (WD20)	ppm	Additive used to control microbes	MRDLG=4	MRDL=4	Average = .90 Range = 0.5 to 1.2		

DEFINITIONS

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

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

MRDL: (Maximum Residual Disinfectant Level) 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.

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

TT: (Treatment Technique) A required process intended to reduce the level of a contaminant in drinking water.

NTU: (Nephelometric Turbidity Unit) Turbidity is a measure of how clear the water looks. The turbidity MCL that applied to the Cedar supply in 2023 is 5 NTU.

NA: Not Applicable

ND: Not Detected

ppm: 1 part per million = 1mg/L = 1 milligram per liter

ppb: 1 part per billion = 1 ug/L = 1 microgram per liter

About your drinking water....

The EPA sets drinking water quality standards and establishes testing methods and monitoring requirements for water utilities. The EPA sets maximum levels for water contaminants and requires utilities to give public notice whenever a violation occurs. The contaminants that might be expected to occur in water include biological contaminants such as virus and bacteria, inorganic contaminants such as salts and minerals, organic contaminants such as by-products of the water disinfection process, pesticides and herbicides, and radioactive contaminants from natural or man-made deposits.

Your drinking water was monitored 365 days a year and was tested for over 100 compounds. The tests are done before and after treatment and while your water is in the distribution system. The tables on the adjacent page show the detected contaminants and compares them to the limits and goals set by the EPA and Washington State Department of Health to ensure your tap water is safe. Please note that your water falls safely within state and federal guidelines for each and every contaminant and significantly below the EPA's levels.

Not listed are the over 100 other contaminants that were tested for, but not detected, in your drinking water. If you would like a list of the other compounds, please call Seattle Public Utilities at **(206) 615-0827**.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, and 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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline:

(800) 426-4791.

Cedar River Municipal Watershed



King County Water District 20
12606 First Avenue South
Burien, Washington 98168-2617
<https://www.kcwd20.com>

Commissioners: Gary G. Coy, Russ Pritchard, Brooke Teegarden
Michael Martin, General Manager, Lisa Gee, Office Manager, Chris Cordi, Superintendent



District and Regional Goals

Every year, Water District 20 conducts a leak detection survey throughout our service area with the goal of maintaining an overall leakage rate of less than 10%. In 2023, the District purchased 973.8 million gallons (1,301,977 ccf) of water from Seattle Public Utilities. Thanks to our proactive efforts, our current 3-year average distribution system leakage (DSL) rate is at 7.7%

The Saving Water Partnership (SWP), which is made up of Water District 20 and its 18 water utility partners, has set a ten-year conservation goal: keep the total average annual retail water user of SWP members under 110 mgd through 2028, despite forecasted population growth, by reducing per capita water use.

For 2023, the Saving Water Partnership met the goal, using 96.3 mgd.

Rebate Program Update

Within WD20, 3 single family residences replaced 4 toilets using the \$100 rebate for the Premium 1.1 gpf (or less) toilets.

Conservation Tips

Visit the Saving Water Partnership website at www.savingwater.org to learn more about reducing water usage at your home or business. When we work together to save water, it makes a big difference. Thanks to conservation efforts, our region uses the same amount of water today that it did in the 1950's.

Outreach Opportunity

Water District 20 participated in the Burien Farmer's Market 4 times in 2023 and hosted 3 Savvy Gardener classes, reaching more than 600 customers with tips on finding and fixing leaks, conservation ideas, and available rebates.

The following conservation services are available through the Saving Water Partnership:

Regional Water Conservation Assistance
206-684-7283 or www.savingwater.org.

Take home items including toilet leak dye strips, hose washers, faucet aerators, and more.

Technical assistance to residential and commercial customers on irrigation efficiency issues.

Technical assistance to commercial customers on indoor efficiency issues.

Regional Language Line offering language interpretation by phone.

2022 Lead and Copper Testing Results

Parameter/Units	MCLG	Action Level*	Results of 2021 Samplings	Homes Exceeding Action Level	Source
Lead, ppb	0	15	2.2	0 of 50	Corrosion of household plumbing systems.
Copper, ppm	1.3	1.3	0.05	0 of 50	

*The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

90th percentile: i.e. 90 percent of the samples were less than the values shown.

If present, elevated levels of lead can cause serious health 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. King County Water District No. 20 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 to 2 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 or at <http://www.epa.gov/safewater/lead>.

The Board of Commissioners meets on the first and third Wednesday of each month at 10:00 AM. The meetings are held at the District office located at 12606 First Avenue S, Burien, WA 98168. For information, contact the District at **(206) 243-3990** or info@kcwd20.com.

This report contains important information about your drinking water. Have someone translate it for you, or speak with someone who understands it.

Este informe contiene informacion importante acerca de su agua potable. Haga que alguien lo traduzca para usted or hable con alguien que lo entienda.

Báo cáo này chứa thông tin quan trọng về nước uống của bạn. Có ai đó dịch nó cho bạn, hoặc nói chuyện với ai đó hiểu nó.

BILLING INFORMATION

All connections to the water system are charged a Fixed Charge based on the size of the meter. Water is billed using bi-monthly meter readings and is separate from the Fixed Charge. Consumption is billed by "ccf". 1ccf = 100 cubic feet, which is equivalent to 748 gallons. The 2024 billing rates are as follows:

- 0 to 10 ccf is billed at \$2.89 per ccf**
- 11 to 30 ccf is billed at \$3.71 per ccf**
- 31 ccf and above is billed at \$5.05 per ccf**

Options for making payments are:

- 1) Over the phone with your credit or debit card
- 2) Online with your credit or debit card at www.kcwd20.com
- 3) Automatic withdrawal from your checking or savings account
- 4) In person with cash, check, money order or credit/debit card
- 5) By Mail: 12606 1st Ave S, Burien, WA 98168

Discounts Available

King County Water District 20 is pleased to be able to offer a 30% discount for our qualified senior and disabled residents. The discount is applicable for the standard base rate. Income limits apply. For more information on this program, visit www.kcwd20.com or call the office at **(206) 243-3990**.

Please contact the office during regular business hours, Monday through Friday 8:00 AM to 4:30 PM, if you have any questions regarding your bill and payment options. **(206) 243-3990**