HEIGHTS WATER CONSUMER CONFIDENCE REPORT
2023 Monitoring Results *(Prepared March 2023)*

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Heights Water's mission is to provide our customers with safe and reliable drinking water. This annual Consumer Confidence Report is intended to provide current, factual information about your drinking water. We are pleased to report that our drinking water meets all Federal and State requirements.

Annual Membership Meeting: Heights Water's annual membership meeting is the last Tuesday of September. Please call the business office for time and location.

Drinking water sources: Heights Water draws groundwater from shallow spring wellpoints and a well field located in northeastern Vashon Island. The only treatment is the addition of chlorine.

Heights Water routinely monitors for constituents in your drinking water according to Federal and State laws. The water quality information presented in the table on the next page shows the most recent result for detected constituents. All water samples shown were collected during the last calendar year unless otherwise noted in the table. This report shows the results of testing for the period of January 1 through December 31, 2023.

Source protection information: The Department of Health has compiled Source Water Assessment Program (SWAP) data for all community public water systems in Washington at http://www.doh.gov/ehp/dw/sw/assessment.htm. A source water protection plan is available at the Heights Water business office.

All 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).

Immuno-compromised persons - 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, 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 on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Globally, the sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the ground surface or through soil and rock, it dissolves naturally-occurring minerals and, in some cases radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

In order to ensure that tap water is safe to drink, the EPA prescribes regulations that limit the amounts of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

For a complete report of all constituents tested, call Heights Water at 206-463-0014.

HEIGHTS WATER ANALYSIS OF TREATED WATER FOR HEALTH RELATED AND AESTHETIC CONSTITUENTS

Only detected constituents are listed. All other constituents tested were not detected (ND).

CONSTITUENTS Test Year	UNIT	LIMIT/ MCL	SPRING WELLPOINTS	WELL FIELD Source 5 (SO2,3,4)	IN COMPLIANCE	TYPICAL SOURCE OF CONTAMINANT
ANIONS & CATIONS						
Arsenic-As 2022	mg/l	0.01	0.0042	0.0064	Yes	Weathering of natural rock and soil deposits
Barium-Ba 2022	mg/l	2	0.0055		Yes	
Chloride-Cl 2022	mg/l	250	5.3	ND	Yes	Weathering of natural deposits
Chromium-Cr 2022	mg/l	0.1	0.0015			
Hardness-$CaCO_3$ 2022	mg/l	-	106	110	Yes	
Manganese-Mn 2022	mg/l	0.05	ND	0.006	Yes	
Magnesium-Mg 2009	mg/l	-	13	12	Yes	
Nitrate-NO_3 2023	mg/l	10	2.0	2.16	Yes	Weathering of natural deposits
Sodium-Na 2022	mg/l	-	7.2	6.8	Yes	
Sulfate-SO_4 2022	mg/l	250	14.8	ND	Yes	Weathering of natural deposits
RADIONUCLIDES						
Radium 228 2021	pCi/l	5	ND	ND	Yes	Radioactive decay of uranium and thorium in rocks and soil
Gross Alpha 2021-(SO8 only)	pCi/l	15	ND	ND	Yes	Found naturally in rocks and minerals
VOLATILE ORGANIC CHEMICALS						
THMs – Trihalomethanes 2023	µg/l	80	8	8	Yes	By-product of chlorine used to disinfect water
HAAs - Haloacetic acids 2023	µg/l	60	1.1	1.1	Yes	By-product of chlorine used to disinfect water

2022 MICROBIOLOGICAL:
Number of Test results indicating contamination: Total Coliform Bacteria greater than 5% (naturally present in environment) = 0 Fecal Coliform Bacteria = 0 E.coli = 0

DEFINITION OF TERMS:

SO	Water source number
mg/l	Milligrams per liter - same as parts per million or ppm
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.
µg/l	Micrograms per liter
ND	Not detected
NA	Not available

2023 Water Use Efficiency Report

The portion of Heights Water's total 2023 water production classified as non-revenue water was calculated as 15.3%, a decrease from 2022. About 5% of 2023's non-revenue water was lost during a single main break in May. Non-revenue water includes all non-metered actual and apparent water losses including water system leaks, fire suppression, metering errors, unauthorized use, etc. Heights Water has a goal of reducing non-revenue water to 10% of production, which we have pursued over the past few years by enhancing our telemetry system and production meters, replacing failing service meters, and proactively replacing older water mains. These efforts will continue. We have also focused on pressure regulation in hilly areas to reduce wear on pipe connections. We plan to conduct systematic leak detection at all hydrants to identify needed repairs or replacements.

Heights Water members are encouraged to practice conservation by being mindful of overuse during high-demand periods and by keeping their own water systems leak-free. Although Heights Water rarely experiences water shortages, the growing population and warming climate will continue to put more pressure on water systems to provide enough of this precious resource to their customers. Conservation is a good idea for everyone and can help save money, too.