

WATER QUALITY DATA

TERRACE HEIGHTS WATER SYSTEM

The data presented in the water quality data table is from testing done between January 2016 and June 2023. The State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old.

Terrace Heights Water System tests for 16 IOCs (inorganic contaminants), 32 SOC (synthetic organic contaminants), and 19 VOC (volatile organic contaminants), herbicides, pesticides, radionuclides, and disinfection by-products. Below are the substances that were detected in your drinking water.

Contaminant (units)	MCL	MCLG	Maximum Results for Terrace Heights Water System	Range of Detections	Sample Date	Violation	Typical Source of Contaminant
Inorganic Contaminants							
Arsenic (ppm)	0.01	0.01	0.006	0.006 0.002	2021 2019	No	Erosion of natural deposits
Nitrate (ppm)	10	10	1.48	<0.100 1.48	2023	No	Erosion of natural deposits
Fluoride (ppm)	4	4	0.79	0.79 0.25	2017 2019	No	Erosion of natural deposits
Sodium (ppm)	N/A	N/A	40.2	22.0 40.2	2019 2017	No	Erosion of natural deposits
Hardness (ppm)	N/A	N/A	142	12.6 142	2017 2017	No	Erosion of natural deposits
Lead (ppm) (Source Water Samples)	0.015	0.015	0.00248	0.00248 <0.0001	2020 2017	No	Corrosion of Household Plumbing
Copper (ppm) (Source Water Samples)	1.3	1.3	0.00399	0.00399 0.00047	2019 2016	No	Corrosion of Household Plumbing
Lead (ppm) (Distribution System Sample)	0.015	0.015	90 th Percentile	0.00093	2020	No	
Copper (ppm) (Distribution System Sample)	1.3	1.3	90 th Percentile	0.0862	2020	No	
Disinfection by-products THM EPA Regulated							
Total Trihalomethanes (ppb)	80	0.5	9.65	9.65	2021	No	Corrosion of Household Plumbing

About Arsenic: While your drinking water meets EPA's standard for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at higher concentrations and is linked to other health effects such as skin damage and circulatory problems.

In Washington State, **lead** in drinking water comes primarily from materials and components used in household plumbing. The more time water has been sitting in pipes, the more dissolved metals, such as lead, it may contain. Elevated levels of lead can cause serious health problems, especially in pregnant women and young children. To help reduce potential exposure to lead: for any drinking water tap that has not been used for 6 hours or more, flush water through the tap until the water is noticeably colder before using for drinking or cooking. You can use the flushed water for watering plants, washing dishes, or general cleaning. Only use water from the cold-water tap for drinking, cooking, and especially for making baby formula. Hot water is likely to contain higher levels of lead. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water is available from EPA's Safe Drinking Water Hotline at 1-800-426-4791 or online at <http://www.epa.gov/safewater/lead>.