



ABOUT OUR WATER

All of Mukilteo Water and Wastewater District's drinking water comes from Spada Lake. Spada Lake is located approximately 10 miles north of Startup/Gold Bar in the foothills of the Cascades and is one of the most pristine water sources in the United States.

All of the water from Spada Lake is treated at the City of Everett Water Treatment Plant where it is then piped and stored in covered reservoirs before being distributed to District customers.

The water is tested for hundreds of regulated and non-regulated compounds to ensure it exceeds EPA regulations and State Department of Health (DOH) water standards. In addition the District has several water quality monitoring programs including:

- On a 24/7 basis, the District monitors the water at several locations throughout the distribution system to verify there is residual disinfectant (a chlorine residual) in the water to eliminate any biological contamination. The testing is done at each of our water reservoirs before being distributed to our customers. If the chlorine residual begins to trend towards undesired levels, an alarm alerts our field crew to make necessary adjustments.
- To check for biological contamination, the District collects 30 samples per month from various sites throughout our system (DOH requires 25). The samples are sent to a third party laboratory, Edge Analytical, who tests for E. Coli and fecal coliform. Notification of any unsatisfactory sample, should it occur, gets immediately sent to the District and simultaneously to DOH. In the event contamination is detected in the system, the District has a procedure for re-testing and providing public notification and information, potentially a boil water notice. In the District's history there has never been a contamination event.
- The District addresses both the EPA and DOH Lead and Copper rule by participating in the City of Everett's Consecutive Systems Monitoring Program. Last year, the District took samples inside customer's homes to verify any detection of lead and copper. Those samples were well below the EPA and DOH limits.
- The District checks the water system for what is called disinfection byproducts. The use of chemical disinfectants (chlorine) is highly effective at controlling many waterborne diseases caused by organisms, however these disinfectants can react with naturally occurring organic material in the water to form what is called disinfection byproducts. The EPA has established limits on disinfection byproducts and testing requirements which the District follows. The District has never had an issue or concern with disinfection byproducts.
- The District has a water flushing program to routinely flush a majority of the system, concentrating in areas of low flows. This flushing program enhances water quality by ensuring the water is fresh, clear and tastes great.

The District and its employees are committed to delivering safe, clean and reliable water to our customers. For additional information about water quality please visit the District's website at www.mukilteowwd.org, under "Water Quality" click "Consumer Confidence Report".