

# WATER DEPARTMENT

## NEWS AND UPDATES

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### CHLORINE LEVELS

The water department is trying to find the perfect level of chlorine to keep chlorine levels high enough (per WA DOH standards) at the far ends of the system, with as little taste and odor as possible. Currently we are adjusting the time the reservoirs are filled to see if this reduces chlorine taste and odor. Surfside takes daily chlorine readings prior to Atec filtration, after Atec filtration, in the reservoirs, leaving the water treatment plant, and at least at one location at the far end of the water system.

### SAMPLE STATIONS AND WATER SAMPLING



You will see Sample Stations similar to this photo, but painted blue, being installed in Surfside in the next few months. Surfside will use these to take daily water quality samples in Surfside. 24 stations are being installed and will allow us to grab samples at a clean location without trespassing on private property. Surfside samples 3 locations every day (at least one of these sites is at one of the far ends of the water system) for temperature, pH, color, Total chlorine, and Free Chlorine. We cycle through all 24 locations every 8 business days. The daily chlorine levels are reported to the state on a monthly report along with the daily chlorine levels going into the water system.

### FLUSHING

Surfside has used small red flushing hydrants (Kupferles), with bright yellow automatic flushing units, to pull fresh water and chlorine to the ends of the system. Currently all of the auto flushers have been removed. We are seeing if the system can maintain chlorine levels at the far ends without flushing. We may use the auto flushers in the future to bring chlorine up at the ends of the system. For now the chlorine levels appear to be coming up on their own. It takes a lot of flushing, a lot of water on the ground, to move chlorine and so far without flushing the water quality seems very good.

FOR MORE INFORMATION CONTACT: April Garcia [WATER@SURFSIDEONLINE.ORG](mailto:WATER@SURFSIDEONLINE.ORG)