



November 19, 2021

## **Chlorination of Drinking Water in the Port Ludlow MPR**

Many of our OWSI customers experienced noticeable levels of chlorine in their water with the startup of the Chlorination and Filtration system at the beginning of November. The dosage needed to reach the end of the system required a high initial feed rate. Now that chlorine feed rates have stabilized, we will continue to adjust the dosage of chlorine as we meet the Department of Health requirements and the process of ensuring the concentration is consistent throughout Port Ludlow.

As we answer your questions individually, we have summarized key points on the topics asked.

1. Is this permanent? This is a permanent treatment that has been added to disinfect the water system. Disinfection kills or inactivates harmful microorganisms which can cause illnesses such as typhoid, cholera, hepatitis and giardiasis. There are only a few water systems that did not currently chlorinate for this reason.
2. What is happening with the dosage? We plan on continuing to adjust the dosage as necessary to meet requirements. We will monitor and test to ensure we are within stated standards. Startup required higher dosing due to the requirement to have a certain amount of chlorine at the end of the system. Already this is stabilizing and we will continue to monitor that in the future. Currently, some of you won't see much of a change and some will see a noticeable change depending on your location in the water system.
3. Was I notified? We did notify our customers by sending out mailed notifications to our customers. Postal mail is the only way that we have to reach every customer. Those of you who have provided email addresses, we can also notify through email. We also updated our online website (<https://portludlowresort.com/owsi/>) and the PLVC Utility committee, LMC and SBCA were very helpful getting the notification out to the Port Ludlow residents. If you did not see their emails, sign up on their websites for email notification.

### **Here are two ways to reduce the chlorine in your home:**

- **Evaporation:** Pour water into a pitcher or glass and let it sit. At room temperature the chlorine will become a gas and release from the water. The warmer the water the faster the release. Boiling water will speed up the release of chlorine. This is the most inexpensive treatment option.
- **Filtration:** Using an activated carbon filter can reduce the taste and odor of chlorine in water. There are catalytic carbon filters that remove chlorine from the water.

As we work with the Office of the Department of Health Drinking Water Division to determine our final concentration, we will continue to update our website and the PLVC Utility Committee.