

# Local Water Quality Data

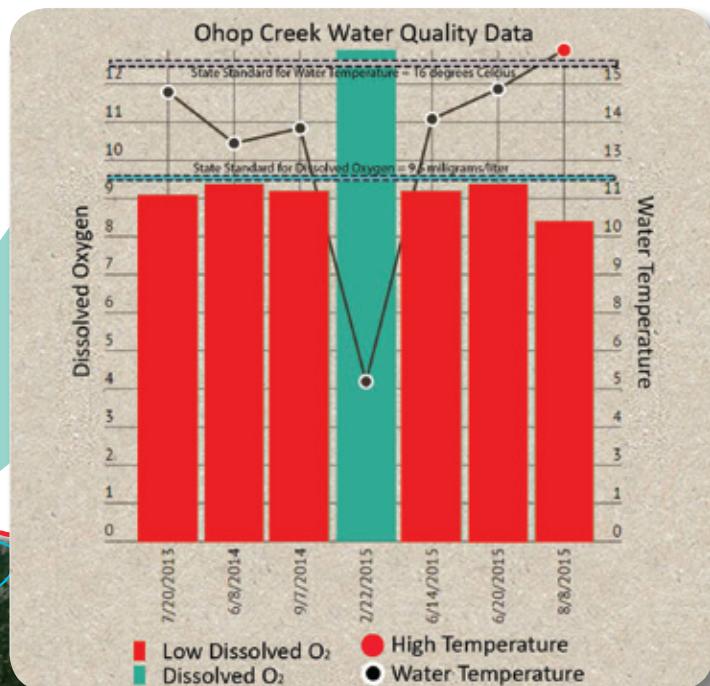
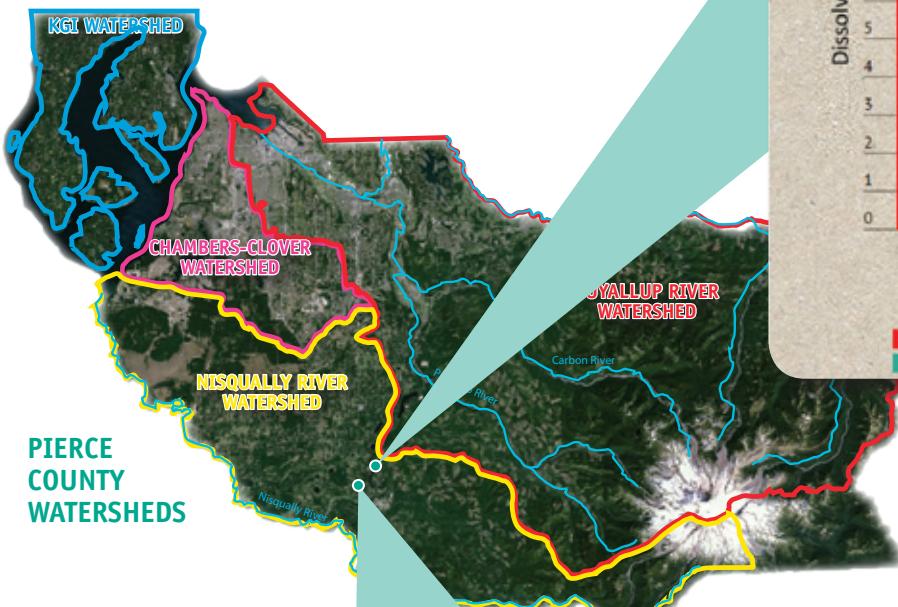
*In the Spotlight: Creeks Highlighted this Quarter*

## Ohop Creek Stream Monitor:

Bob Kimball

## Mashel River Stream Monitor:

Charlie Butler



**Ohop Creek** is located in the Nisqually watershed. It flows approximately 12 miles from its headwaters upstream of Ohop Lake in a southwesterly direction to its confluence with the Nisqually River. One significant feature of the creek is Ohop Lake which occupies about 2 miles of the upper creek. The section of Ohop Creek located above the lake is slough-like (low velocity), and is the location of the monitoring site. Volunteer collected data beginning in 2013 for dissolved oxygen and water temperature is shown above. The state standard for dissolved oxygen (blue) and water temperature (green) are also represented on the graph above. For this time period there was one incidence of water temperature not meeting the state standard (red circle) while there multiple incidences of low dissolved oxygen (red bars) during this time. Most of the data was collected during the summer months when water levels are lower, flow is much slower, and air temperatures are warmer, all of which contribute to low dissolved oxygen levels.

