



State Legislative District #14
Congressional District #3

Central Klickitat Conservation District

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Board Chair: Dan McCarty

Other Accomplishments



Planting project along the Little Klickitat River, implemented in coordination with the City of Goldendale and the Washington Conservation Corps.



CKCD provided cost-share for a livestock Environmental Quality Incentives Program (EQIP) project to reduce livestock waste and sediment runoff entering a tributary to Swale Creek.

2016 Feature Accomplishment

Little Klickitat Subbasin water temperature study



Bank stabilization on the Little Klickitat River

RESOURCE CHALLENGE

The Department of Ecology declared the Little Klickitat River as water-quality-impaired in 1996 due to elevated dry season maximum water temperatures. A Total Maximum Daily Load (maximum pollutant level) was established for the river in 2003. Central Klickitat Conservation District (CKCD) initiated water temperature monitoring in the Little Klickitat Sub-

basin in 1996, and continues to actively monitor streamflow, air temperature, and water temperature, and implement water quality improvement practices.

PROJECT SUMMARY AND RESULTS

CKCD has completed a variety of best management practices to address high water temperatures over the past 20 years, and recently identified potential cooling trends for maximum water temperatures over the period of monitoring for several streams in the watershed. The district acquired a grant to statistically analyze the data for trends in water temperature in relationship to stream flow, air temperature, and location and timing of riparian projects. Results indicate that six stations showed statistically significant declining maximum water temperature over time (Aspect Consulting, 2015. Little Klickitat Subbasin Water Temperature).



The Washington Conservation Corps installs riparian plants to increase buffer width from 10 to 70 feet along the Little Klickitat River

KEY PARTNERS: Eastern Klickitat Conservation District; Department of Ecology; Aspect Consulting; All landowners who have allowed monitoring access to property; Klickitat County Natural Resources

More work to do!

- Farmland preservation and agroforestry production
- Continuation of water quality monitoring and implementation of water quality improvement projects
- Rangeland, forest, and habitat management
- Wildfire prevention