



Pend Oreille Conservation District

District Manager: David Marcell Board Chair: George Stuivenga
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Legislative District: 7 Congressional District: 5

Other Accomplishments

- ▶ Signed a 5-year grant agreement with the Pend Oreille Public Utility District to provide landowners with cost share funds for cottonwood and other native vegetation establishment along the banks of the Pend Oreille River.
- ▶ Approved an intergovernmental agreement with Pend Oreille County for the implementation of the Pend Oreille County Voluntary Stewardship Plan.
- ▶ With just one full time employee, POCD assisted 50+ landowners, resulting in five cost share contracts for water quality improvement projects.

2018 FEATURE ACCOMPLISHMENT

Engineered Bank Stabilization on the Pend Oreille River

Resource Challenge

Poor drainage practices combined with an abnormal spring run-off rate in 2017 resulted in complete bank failure for one landowner in Lone, WA, located on the Pend Oreille River. Characterized as a landslide, this event posed an extreme property and human safety concern with new developments that are now less than 100 feet from the bank's edge. In addition, large amounts of sediment were deposited in the reservoir river system below, along with old growth of native vegetation.

Project Summary and Results

Pend Oreille Conservation District (POCD) used grants provided by the Washington State Conservation Commission through the Natural Resource Investment Program and Professional Engineering Grant to develop a site-specific plan that included a redesigned french drainage system, grade stabilization structures, and the installation of hundreds of native trees and shrubs. The stabilization of the bank and installation of the drainage system restored the bank's structure, wildlife habitat, and peace of mind of the landowners.

"We are excited... [Pend Oreille Conservation District] is doing a great job and we cannot express our gratitude for [their] hard work!"

Key Partners

Washington State Conservation Commission



Mass bank failure in Lone, WA on the Pend Oreille River, Spring 2017. Photo: Landowner drone footage



Native cottonwood poles placed horizontally down the slope gather eroding sediment and provide areas for native vegetation. Photo by David Marcell, POCD manager.

Priorities for 2019...

- ▶ Fund the remaining six landowner bank stabilization projects along the Pend Oreille River through the State Conservation Commission and Pend Oreille Public Utility water quality funds.
- ▶ Build conservation district capacity to meet dozens of unmet technical and financial assistance requests.