



Ferry Conservation District

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Legislative District: 7 Congressional District: 5

Other Accomplishments



This Firewise project on the edge of Republic helps to protect this neighborhood from wildfire.



This greenhouse is the first phase of a model farm. FCD is partnering with Curlew and Republic School Districts.



In September 2017, FCD hosted the State Conservation Commission for their September meeting. Here we are at a stop on our field trip.

Priorities for 2019...

- ▶ Spring 2018 brought record flood levels to the Kettle River Valley. More than half of the District's farmland was affected.
- ▶ In late June, micro-burst wind storms devastated wide-spread areas in our private forest lands.
- ▶ August brought another round of wild fires. We have not yet been able to assess the damage to our land owners.

2018 FEATURE ACCOMPLISHMENT

Kettle River Riparian Stabilization

Resource Challenge

Over the past 75+ years, the riparian area along this reach of the Kettle River has suffered serious degradation. Crumbling high banks contribute to increased sediment loads. The river banks are stripped of vegetation. This contributes to high water temperatures. A poorly defined stream channel made the property prone to spring flooding. The landowners requested our assistance, and, using funds from a Washington Department of Ecology water quality grant, Ferry Conservation District (FCD) stepped in to help restore the riparian buffer.



The steep, highly-erodible bank prior to construction.



Final stages of the project. Banks are stabilized, woody debris is placed, and buffer is planted.

Project Summary and Results

We convened our area management team to brainstorm the project area's needs. Then we hired an engineering firm to design a project that could stabilize the river bank, reestablish the riparian buffer, and still allow the landowners' access for recreation. We installed large woody debris to diffuse the force of the river's current. The bank was re-sloped to a more gentle, less erodible 3/1 pitch. The biggest challenge was reestablishing the riparian buffer.

Key Partners

Washington Department of Ecology; Washington State Conservation Commission; Washington Department of Fish & Wildlife; U.S. Army Corps of Engineers