



State Legislative District #19  
Congressional District #3

# Pacific Conservation District

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Board Chair: Mark Ashley

## Other Accomplishments



The first of three phases of the Naselle River restoration project, restoring 1.2 miles of the Naselle main stem. This site was a beginning lynch pin.



Barber Creek Family Forest Fish Passage Program correction that improved access to 1.14 miles of habitat for chum, coho, steelhead, and searun cutthroat.



PCD staff inspect new chemigation units for a cranberry producer.

## 2016 Feature Accomplishment Johnson culvert replacement project

### RESOURCE CHALLENGE

There were four fish passage barriers on this property, and the condition of the riparian corridor along the stream was very poor. Water quality was a concern for Pacific Conservation District (PCD) and the landowner. This project benefited coho, chum, steelhead, and cutthroat trout by removing a barrier, improving water quality, and providing a respite area for salmon stocks continuing up the Naselle River or the new passable stream.



Pre-construction: Conditions of old culvert created a barrier to fish

### PROJECT SUMMARY AND RESULTS

The Johnson Culvert project is located on a tributary that flows into the Naselle River in Pacific County. This project restored fish passage through four barriers located on the tributary stream by replacing two of the barriers with two large arched culverts and removed the two other barriers leaving open channels. PCD restored the outflow of the tributary into its natural channel, planted riparian vegetation, added large woody debris, and placed livestock exclusion fencing outside riparian plantings. The PCD completed a farm plan for the landowner and will work on more fencing and nutrient management projects in the future.



After construction: New culvert meets criteria for fish passage

**KEY PARTNERS:** Washington State Recreation Conservation Office/Salmon Recovery Funding Board; Willapa Bay Water Resource Inventory Area #24; Washington State Conservation Commission

## More work to do!

- Completion of the Rue Creek Washington Coastal Restoration Initiative project, opening up 16.9 square miles of salmon habitat.
- Correcting and improving the tow of the Grayland Drainage Ditch for water quality, residential home, and cranberry bog protection.
- Assisting with the creation of the Voluntary Stewardship Program (VSP).