



# Clark Conservation District

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## Other Accomplishments



Cattle in the mud before installing a heavy use area



Partnered with NRCS for a new heavy use area next to the manure storage facility

Photos: USDA Natural Resources Conservation Service

## 2014 Feature Accomplishment: Conservation on Plas Newydd Farm



Before: Cattle access to the river  
Photo: USDA Natural Resources Conservation Service

**RESOURCE CHALLENGE** Plas Newydd Farm is a 1,500 acre forestry and livestock operation at the mouth of the Lewis River where it flows into the Columbia River. The Lewis River is a priority watershed for five species of salmonids. The stream systems in the watershed are a significant regional resource for salmon migration and production. Numerous waterways in these basins are also on the state's 303(d) list — the list of impaired or threatened bodies of water — for parameters of fecal coliform, temperature, and dissolved oxygen.

## PROJECT SUMMARY AND RESULTS

Livestock had unrestricted access to tributaries and points along the Lewis River. Areas adjacent to the river were primarily invasive reed canarygrass with some trees and a small amount of shrubs. Clark Conservation District partnered to install approximately 2,300 linear feet of livestock exclusion fence along the Lewis River and its tributaries with an average buffer width of 80 feet. An off-channel watering facility was constructed to provide multiple water sources in the pastures. The solar powered cattle watering system uses a ground water well instead of surface water from the river and has a large holding tank to consistently supply water.



Landowner installing trough system  
Photo: USDA Natural Resources Conservation Service

**KEY PARTNERS:** USDA Natural Resources Conservation Service; WA State Department of Ecology; WA State Conservation Commission.

## More Work to Do!

- Partnering with Vancouver Watersheds Alliance to assist urban homeowners with stormwater practices, such as rain gardens and lawn alternatives.
- Partnering with the Water Resources Education Center to bring stormwater education into classrooms and install rain gardens at schools.
- Working with homeowners' associations to restore and maintain private neighborhood stormwater facilities.