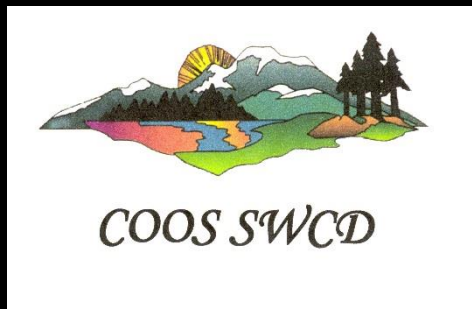


The 2014-2015

Outstanding Cooperator of the Year Award  
goes to....

Michael and Barbara Clary



This project combined funding from multiple sources: OWEB (Oregon Watershed Enhancement Board) Small Grant Program, CREP (Conservation Reserve Enhancement Program), and EQIP (Environmental Quality Incentive Program) to accomplish several tasks. The first and foremost issue to tackle was the need for an alternative watering source for the livestock. The animals had previously been watering directly out of the South Fork of the Coquille River and frequently lounging on the banks, presumably contributing to nutrient and sediment contamination of the water and preventing establishment of riparian vegetation.

An OWEB small grant funded the installation of an off-channel watering trough system for the animals, eliminating the need for them to water directly from the river in the future. After the watering system was installed, the riparian areas along the main river, as well as along a small seasonal drainage on the property, were fenced and protected through CREP, and planting of additional native species will be taking place this winter.

The EQIP program also funded some of the pasture cross-fencing, and helped to provide the landowner with the means to manage their grazing more efficiently, as well as funding some brush management in the form of mechanical removal of the non-native species such as Himalayan Blackberry and Hybrid Poplar that had been historically planted in the pasture.

Project Pre-Implementation:

Photos of the Clary's pasture  
from initial site visits in early  
2015



The pasture was overgrown with hybrid poplar, blackberry, and knotweed





A small herd of Jersey cows had unrestricted access to the river bank, where they tended to loaf and nibble on any riparian vegetation that attempted to grow there...

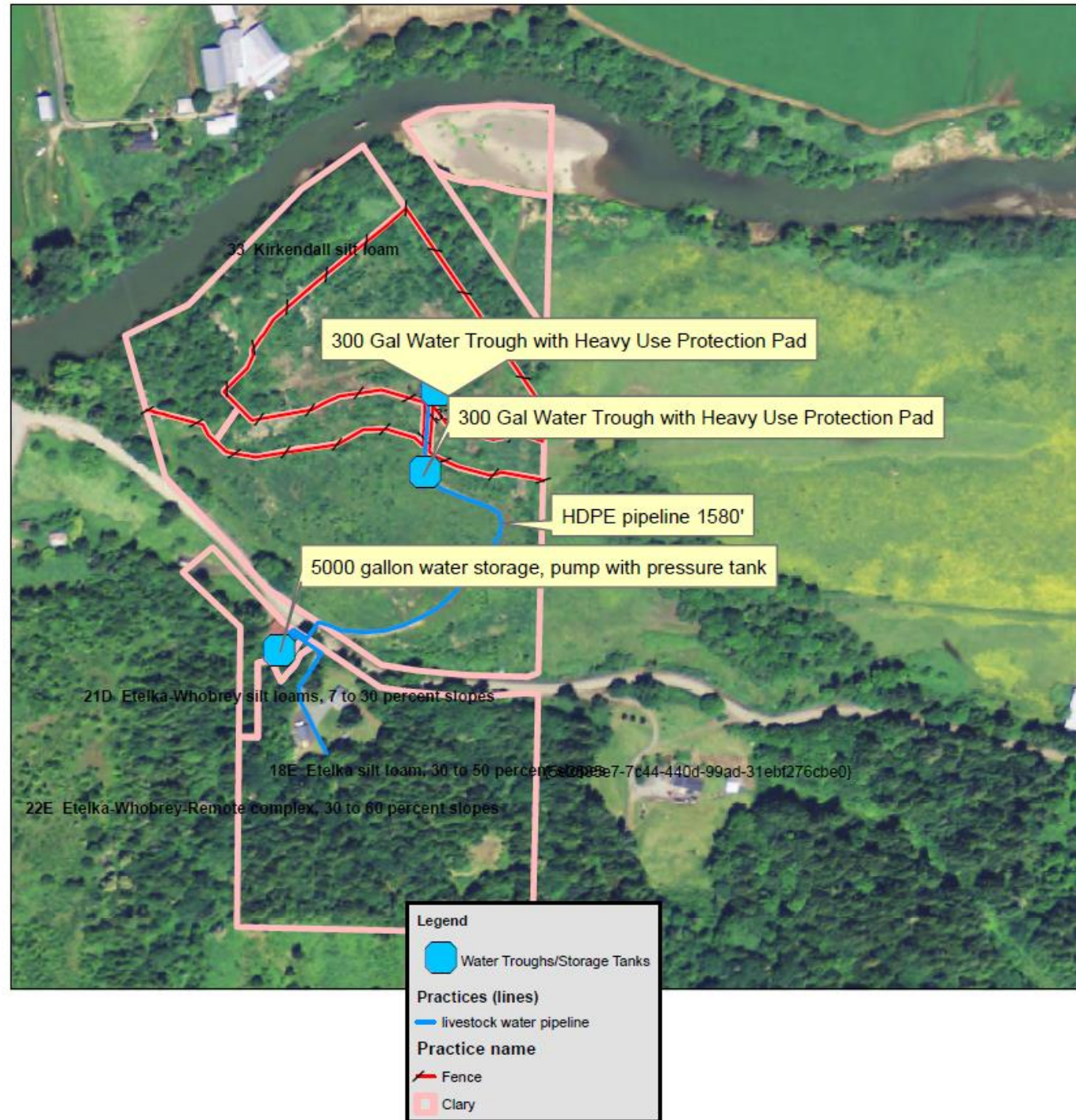




There was also the additional challenge of seasonal flooding. The pasture was known to go entirely under water in the winter, so any watering system we put in would have to be designed to withstand high water.



This map shows the planned locations for the watering system pipeline, storage tank, and troughs, as well as the area to be enrolled in CREP, and approximate fence lines.



# Implementation:

Project implementation took place through July and August of 2015. The last of the fencing and planting is expected to be completed this winter.





HITACHI

EX150LC





Date & Time: Mon Jul 20 14:07:59 PDT 2015

Position: 043°02'44.8"N / 124°08'32.9"W

Altitude: 40ft

Azimuth/Bearing: 330° N30W 5867mils (True)

Elevation Angle: -13.9°

Horizon Angle: +02.2°

Zoom: 1X





Date & Time: Mon Jul 20 14:21:02 PDT 2015

Position: 043°02'40.4"N / 124°08'35.5"W

Altitude: 59ft

Azimuth/Bearing: 067° N67E 1191mils (True)

Elevation Angle: -24.5°

Horizon Angle: -18.7°

Zoom: 1X



Date & Time: Mon Jul 20 14:23:18 PDT 2015

Position: 043°02'45.6"N / 124°08'33.3"W

Altitude: 36ft

Azimuth/Bearing: 035° N35E 0622mils (True)

Elevation Angle: -14.1°

Horizon Angle: +01.2°

Zoom: 1X























T-posts keep the  
troughs anchored  
during flood events





Critter  
escape  
ramp

















BEFORE:



AFTER:

