

Clarno Ranch



METTMAN CREEK- Clarno's Riparian Fencing & Planting Project

Brett Clarno has 48 acres just east of the old Kentucky Golf Course in North Bend. He runs 10 buffalo year round and 20 beef cows in the summer. Brett also leases 5 addition parcels to run feeder cattle. He knew his place needed fencing upgrades and he had heard about the watershed program and he felt it was a win-win situation. Brett was able to get low cost fencing and was able to protect Mettman Creek and start a new riparian zone with trees that benefit the fish and the aquatic organisms. Brett is satisfied that the project now self sustained, except for the occasional beaver or nutria damage. Brett says that for the future he would like to talk to owners of his leased properties to get them interested in the OWEB Small Grants Program. Brett would like to thank the Coos Watershed who started this project and the Coos Soil and Water Conservation District, and all beneficiaries who donated time or money to projects like this.

This project was started during the summer of 2010 and completed in January of 2011. This project fenced 3/4 miles of Mettman Creek on one side. The fencing allowed for the management of blackberries, the exclusion of cattle, and the chance to establish a new riparian area with trees and shrubs. Mettman Creek is a coho creek so the added shade and bank stability will be very important for fish in this creek in the future. The landowner has been very helpful and flexible with this project, and that was very important. This landowner has even been flexible on what type of material he used for fencing, when it was brought to his attention that the small grants team was concerned about putting in creosote railroad ties near a fish stream.

Before Photos: winter 2009 (Blackberries but no riparian trees or shrubs)



After Photos:



John Rossback- Riparian Fencing & Planting Project



Before Photo: 2010



After Photo: 2011

This project addressed water quality concerns in riparian process and function. This year all the fencing was completed on this project. About one mile of fencing was completed on the landowner's creeks and ditches. One side of the creek has a permanent fence with woven wire and two strains of hot wire and the other side has an electric fence that can be moved easily to allow the landowner to clean his ditches.



Planting was scheduled to be done during the 2010-2011 winter and all the trees were purchased from local watershed associations and local nurseries including the Coos & Coquille Watershed Associations and the Power's Nursery. Due to the landowner's health, the planting got delayed until late spring. It wasn't the time to plant, but the trees were watered routinely. There will be an additional planting this winter to fill in the gaps and complete the project. Thanks to everyone who pitched in including neighbors, family, and friends.

Bastendorff Riparian Fencing Project



Before Photo

Contracted Services: \$1,550.0

Supplies/Materials: \$3,931.56

Total: \$5,481.56

Remaining landowner balance: \$3,618.44 (to complete planting & tree tubing)

This project included 0.4 miles of fencing to exclude cattle from Miner Creek which flows directly into Bastendorff Beach. The before picture shows how the banks have been degraded and there are no trees or shrubs in the riparian zone. The after pictures show how the landowners has cleared the blackberries and put up a road side fence and has put up a hot-wire fence to keep the cattle out of the creek. The landowner has also constructed two bridges to allow cattle to be able to cross to the other side.

Bastendorff Riparian Fencing Project

COMPLETED PHOTOS OF THE FENCE & BRIDGE



OWEB SMALL GRANT: K-LINE IRRIGATION EFFICIENCY PROJECTS

Photos taken & provided by: USDA/NRCS staff



Dal King's k-line project: completed summer 2011



Jerry Smith k-line irrigation project: completed fall 2011

The Coos Soil & Water Conservation District received funding in June of 2011 for three k-line projects. All three projects are located in the North Fork and East Fork of the Coquille River, an area that is really important for Myrtle Point drinking water quality. All of these projects are important to keep as much water in the Coquille River during the summer months. This year the temperatures in the Coquille River were pretty warm, so these projects serve their purpose. Thanks to OWEB the Small Grants Team, Dal King, Kathy McDonald and Jerry Smith, NRCS and Pacific Ag, all three projects will be completed by the end of the fall 2012.

JONES CULVERT REPLACEMENT PROJECT Two culverts replaced with two bridges



Before Photo: April 2009



After Photo: October 2011

The existing culvert (actually a modified old gas tank) was breaking down and was undersized. It was not currently a barrier, but because of its size it was eroding the fill along the road and depositing sediment into Ferry Creek. In addition the second culvert that connects the two pastures was eroding and a blockage was beginning to occur, as well as it was no longer safe for equipment, livestock or humans to cross. The sides of the creek and pasture were eroding into the creek.

The project proposal was to remove the six foot culvert in the driveway and the forty-two inch culvert in the field, which was no longer functioning and replace them with two concrete bridges. Each bridge would consist of two 29'4" x 5'7" x 12" reinforced pre-stressed concrete slabs, bolted and grouted together, with a guard rails on the driveway bridge and a stock fence on the field bridge. Considering the well compacted driveway, the firm creek bank, the expected traffic, loading, and the more than adequate length of the bridges to span the creek width, we will support the bridges on treated 4"x12"x12' treated timbers, to ensure alignment, and pull the creek banks to a 1:1 slope armored with 18" minus rip-rap. We have calculated approximately thirty yards of rip-rap for the creek bank armoring and twenty yards of rock for the driving surface approaches. The field bridge will be raised approximately 18" above the field level, on a well compacted soil pad, to allow for high water flows during storm events to diffuse onto the pastureland downstream from the bridge structures. Disposal of the metal culverts, finish grading, cleanup, and affected fence restoration are included in the bid. A farm plan will be drafted for the landowner by the Coos SWCD to address streamside erosion and fencing to exclude livestock.



Work completed by Messerle & Sons.

