

**Final Report for the Watershed Restoration and Assistance Program
(WRAP) Grant JUNE 30, 2000
Quittapahilla Watershed Association**

The goal of this project was to continue the stabilization of the habitat along the Quittapahilla Creek stream bank. Besides the Quittapahilla Creek, the focus of this project included, Snitz Creek, Killinger Creek, Beck Creek, and Bachman Run were restored and stabilized. Activities along these tributaries included, installation of stream bank fencing, stream bank stabilization, replacing the riparian buffer, and monitoring the water quality. This project was made possible by many organizations in the area.

With the present WRAP grant, the Quittapahilla Watershed Association installed 10,115 feet of stream bank fencing, bringing the total to 35,566 feet from 1998 and 1999. We also added a second strand to the Fox Farm (initially fenced in 1999) that required an additional 2944 feet of fencing. The sites at which fencing was installed include Beck Creek, Snitz Creek, and Killinger Creek.

Trees and shrubs were planted along the riparian buffer on the eleven farms that were fenced in 1999 to replace the buffer lost in the severe drought of the same year. The total for buffer plantings is 40,066 feet for eleven farms. This includes the Malm Farm on the Beck Creek that has no cattle, but was in need of buffer plantings. About half of the plantings were completed in the Spring 2000 and the remaining plantings were completed in the Fall of 2000.

With funding coming from the PA Fish and Boat Commission, as well as, private sources such as Carmeuse, Annville Rotary and Quittie Creek Park, two thousand feet of stream bank were stabilized between 1998 and 1999. In 2000 an additional 1000 feet of stream bank was stabilized. In addition the current work was the placement of additional rock to seven deflectors that were placed along the stream in 1998.

Dr. Paul Wolf, Biology Professor at Lebanon Valley College supervised his honors student, Beth Brennan in testing the water quality at 11 sites in the watershed. The tests were for nitrate, phosphate, turbidity, pH and temperature.

Appendix I: Maps for 1999

Farm Footage: Fencing

Royer Farm		531	Snitz Creek
Schulte Farm	1234		Snitz Creek
Waldhausen Farm		2566	Killinger Creek

Sensenig Farm	1824	Killinger Creek
Copenhaver Farm	1321	Beck Creek
Copenhaver Farm	2332	Beck Creek
Henry Farm	307	Beck Creek

Total: 10,115		

Farm Footage: Riparian Buffer Planting

Malm Farm	4500	Beck Creek
Royer Farm	531	Snitz Creek
Schulte Farm	1234	Snitz Creek
Waldhausen Farm	2566	Killinger Creek
Sensenig Farm	1824	Killinger Creek
Copenhaver Farm	1321	Beck Creek
Copenhaver Farm	2332	Beck Creek
Henry Farm	307	Beck Creek

Total: 14,615		

Appendix 3 Photos

Appendix 4 Water Testing

Appendix 5 Volunteer activity