

Emergency Watershed Protection

Protecting Kuettle

Location: Douglas County, Wisconsin, St. Louis River Watershed

Size: 60 feet of Streambank Stabilization / Protection

Date of Storm: June 19–20, 2012

Completed: October 2015

Partners: USDA-NRCS, Douglas County Land Conservation Department

Summary

A storm on June 19–20, 2012 with significant rains in the St. Louis River watershed, caused soil erosion of the banks along the St. Louis River and affecting the adjacent homes. The high steep slope failure of the hillside threatened the foundation of a house located in the Town of Superior, Douglas County, Wisconsin.

Through the Emergency Watershed Protection (EWP) Program, a plan was developed to stabilize 60 feet of hillside below the house and alleviate the danger of additional damage. Rock riprap was used to stabilize the base of the slope with bioengineering and other practices above the riprap.

NRCS paid \$29,500 dollars (75% of the construction costs of the project). Douglas County sponsored the project and was responsible for the other 25 percent of the construction cost. NRCS also assisted with technical assistance dollars for the county to hire a consultant.

The home owner and Douglas County were pleased with the results of the project. They no longer are worried about their homes safety.

