



Sand Hill River Erosion Area



Clean Water Funds: 2011

Clean Water Grant	\$281,053
Leveraged Funds*	\$116,750
Total Project Budget	\$397,803

* Leveraged Funds include required 25% local match

Targeted Water:

County/Watershed Wide

Project Sponsor:

East Polk Soil and Water Conservation District

Partners:

Individual landowners within the Sand Hill Watershed area.
Sand hill Watershed District,
Area 1 Joint Powers Engineer.

Grant Period:

January 2011 - December 2012

Project Contact:

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Project Narrative

The East Polk Soil and Water Conservation District (SWCD) identified the Sand Hill Watershed as a priority area because of soil loss associated with steep slopes common in the area. Portions of the Sand Hill River have been listed as impaired due to turbidity. Water quality is also a concern for fish habitat in the lower reaches of the Sand Hill River.

The SWCD is working cooperatively with the Sand Hill Watershed District to keep soil from eroding, and to capture it where it does erode. The SWCD provides technical design services and receives funding from the Sand Hill Watershed District to install conservation practice such as sediment basins. However, high landowner interest has exceeded local funds so additional funding was sought through the Clean Water Fund.

Sediment basins are earth embankments designed to keep soil on the ground, not in rivers and streams. Sediment basins also act as temporary storage areas for rainwater. Each sediment basin will reduce on average 18.4 tons of sediment and 21.5 pounds of phosphorus per year from entering the Sand Hill River.

Sites have been identified with nine landowners signed-up for surveys and construction plans for 29 sediment basins.



