

Clay County Stormwater Quality Project

Project Description: The project addressed water quality improvement by promoting buffer strips in farm fields and rain gardens for residential settings. A demonstration rain garden was developed for the project with a tour and educational event held at the demonstration site following construction of the rain garden. management techniques.

Project Location: A rural Clay County residence at 1753 10th Road.

Project Sponsor: Clay County Conservation District

Project Funding: An EPA Section 319 grant through the Kansas Department of Health and Environment provided \$1772 in funds for the project, with the balance coming from the conservation district.

Project Partners: K-State Research and Extension provided technical assistance. Homeowners Jim and Ginny Beck contributed the site and labor and hosted the tour.

Construction Completed: April 2009

Key Green Infrastructure Components:

- Rain garden (2)
- Native plants

Environmental Benefits:

- Provides storage for roof runoff storm water and allows for slower infiltration into the ground
- Reduces soil erosion

