

Point Remove Erosion Control Project

Project #06-1400

Danny Strain

Point Remove Wetlands Reclamation & Irrigation District

BACKGROUND

- Kuhn Bayou Irrigation Project (NRCS)
- Provide irrigation water for 14,000 acres of crop land (initially, now ~26,000 ac.)
- Reclaim wetlands for AGFC (Ed Gordon/Point Remove WMA)

PROBLEM / NEED

- Increased siltation of channels and ditches via transportation of irrigation water
- Best Management Practices for irrigation water conveyance and water control structures
 - NRCS Code 430
 - NRCS Code 587

PROJECT GOALS

- Prevent erosion
- Increase water quality
- Decrease damage to the land
- Reduce water conveyance losses

MEASURES OF SUCCESS

- Installation of approximately 5,172 feet of pipe for water conveyance and sediment control structures
- Estimated sediment load reduction: 200 tons/yr

PROJECT

ACCOMPLISHMENTS

- 4,338 ft. of pipe installed through 6/30/08
- 06-1400 is Phase IV
- First 3 phases
 - Over 53 miles of pipe installed
 - Equipment to maintain and improve channel/ditch vegetation and to manage nutrients properly

HOW IT WORKS

- Pipe is purchased by the District
- ANRC reimburses the District 50% of cost
- Landowner provides the other 50% when they purchase pipe from District

MONITORING RESULTS

- ANRC has contracted with the Ecological Conservation Organization to perform water quality sampling and analysis for total suspended solids during runoff events (Project #07-1300)

QUESTIONS

- Thank you!
- Danny Strain
Point Remove WR&ID
65 McClaren Loop
Atkins, AR 72823
479-641-1750
dannygstrain@yahoo.com