Conservation Effects Assessment Project (CEAP)

Approach
Water sampling and monitoring: Fine, dissolved nutrients (nitrate, ammonia, and phosphorus), suspended sediment, and bacteria
Watershed models: SWAT (Soil and Water Assessment Tool)
Assess practices: Manure management and tillage practices

Communicating Results
Reports documenting impact of selected nutrient management practices on water quality, the impact of animal waste on soil quality, and soil water holding capacity.

Collaborators
- USDA, Natural Resources Conservation Service
- US Geological Survey
- Texas State Soil and Water Conservation Board
- Texas Agricultural Experiment Station
- Texas Cooperative Extension
- Brazos River Authority

Timeline
- 2005 December: 1st ARS Benchmark Watersheds progress report
- 2006 December: 2nd ARS Benchmark Watersheds progress report
- 2007 December: 3rd ARS Benchmark Watersheds progress report
- 2008 December: 4th ARS Benchmark Watersheds progress report

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