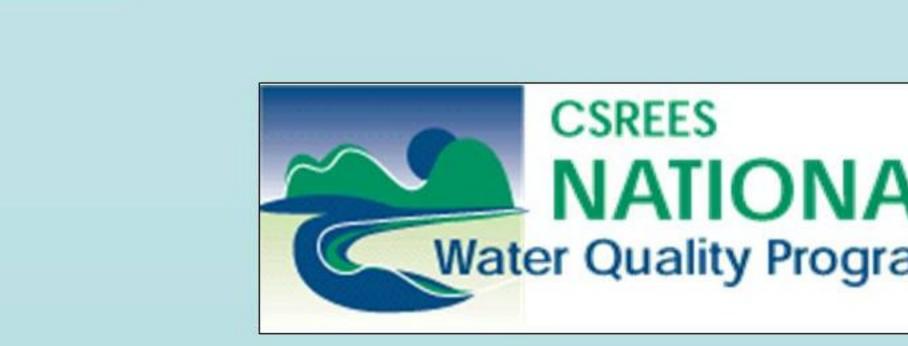


WATER QUALITY PROGRAM HISTORY

- 2003 SE Oklahoma USDA 406 Underserved Communities Drinking Water Protection
- 2003 Statewide USEPA Phase II Stormwater Education
- 2003 Fort Cobb Basin USEPA 319 Modeling and Land Cover Classification
- 2002 Lake Eucha Basin Nutrient Management Decision Support System
- 2001 Lake Eucha Basin Modeling Phosphorous Loading
- 2001 Stillwater Creek USEPA 319 NPS Education Program
- 2000 Illinois River/Lake Eucha USDA 406 Green Country Watershed Education
- 1998 Turkey Creek Wellhead BMPs Implementation
- 1998 Statewide Stream Trailer Education Program
- 1997 Central Oklahoma USEPA 319 Farm & Ranch Wellhead Protection
- 1997 Central& SE Oklahoma USEPA 319 Community Wellhead Protection
- 1997 Eastern Oklahoma USEPA 319 Litter Market Pilot
- 1997 Lake Tenkiller USEPA 319 Capture and Treat Technology for Nurseries
- 1997 Salt Fork Watershed USEPA 319 BMP Demonstration and Education
- 1996 Illinois River USEPA 319 NPS Education Program (continued)
- 1995 SE Oklahoma USEPA 319 Small Farms Livestock Pollution Prevention
- 1995 Poteau River USEPA 319 Environmentally Sound Grazing System
- 1994 Statewide USEPA 319 Riparian Management Program
- 1994 Oklahoma City, Tulsa Blue Thumb Volunteer Monitoring
- 1994 Poteau River USEPA 319 Comprehensive Watershed Management
- 1994 Upper Little Deep Fork NPS Phosphorus and Sediment Loading Estimation
- 1994 Lake Creek USEPA 319 Improving the Quality of Ground and Surface Water
- 1993 Statewide USEPA 104 Riparian Area Management Technical Assistance
- 1992 SE Oklahoma USEPA 319 Swine Waste Management Education
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- 1992 Illinois River USEPA 319 NPS Education Program
- 1991 Peacheater Creek USDA HUA
- 1990 Battle Branch USDA HUA

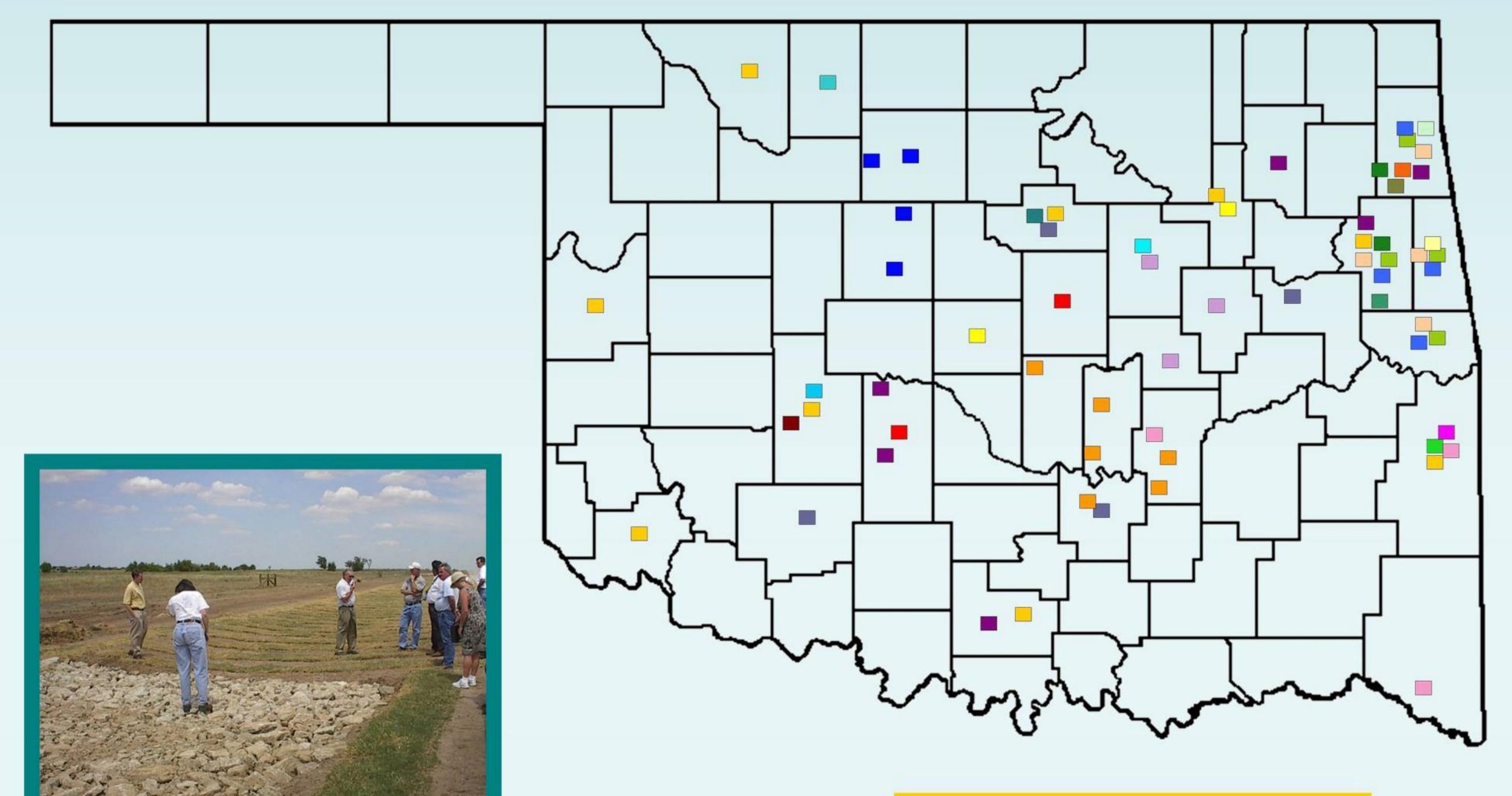


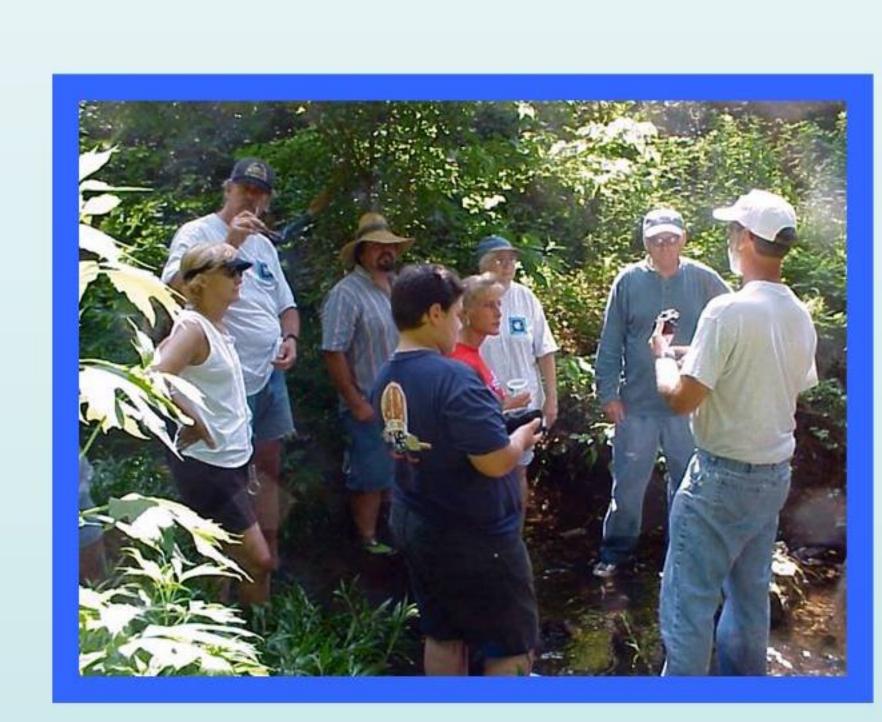


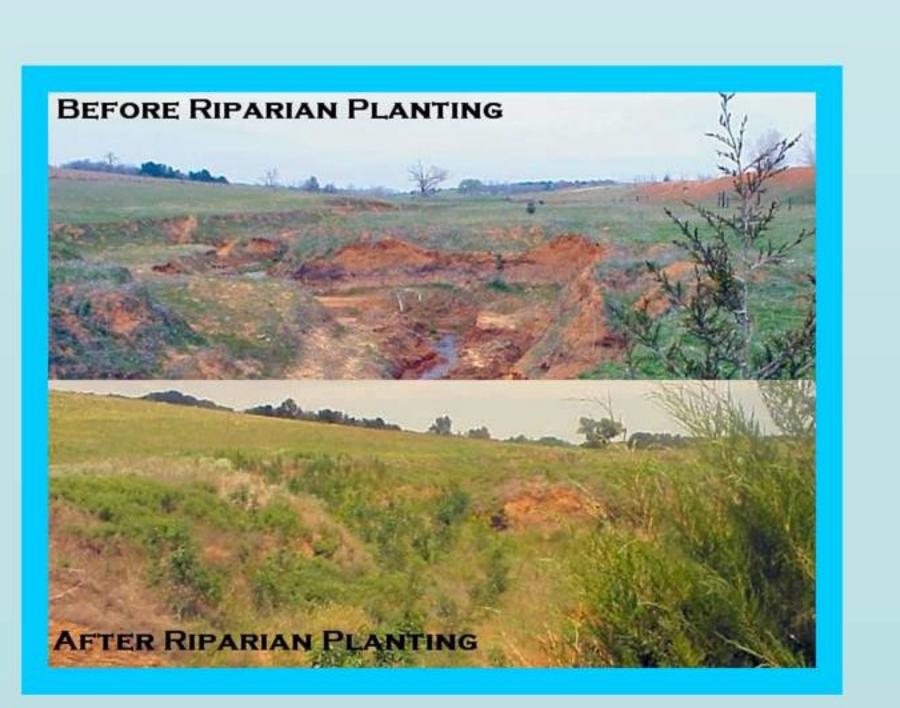




WATER QUALITY PROGRAM LOCATIONS

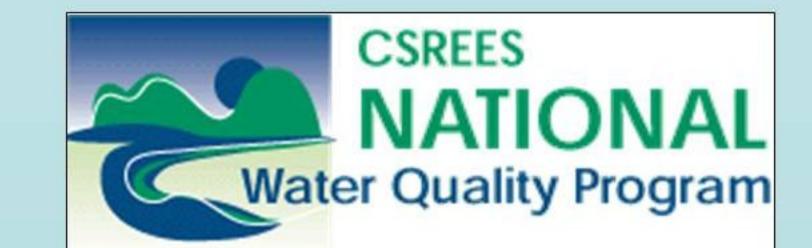














WATER QUALITY PROGRAM IMPACTS

- Oklahom*A*Syst risk assessment programs have helped watershed residents statewide protect their drinking water from contamination.
- Sale of poultry litter as fertilizer has been stimulated through sorghum and wheat crop demonstrations and establishment of an online market.
- Over 5000 Illinois River Basin youth were taught the value of land & water resources during 2000-2002 environmental fairs and water camps.
- The State-mandated Poultry Producer Education Program requires 9 hours of initial certification training with 3 hours continuing education annually for every grower.
- The use of watershed modeling to target critical areas for BMP implementation has been adopted for use by the State NPS agency.
- Approximately 180 conservation professionals participated in 9 riparian area management training workshops held throughout the State.
- Four trailer-mounted stream hydrology models were constructed. Over 100 educators have been trained to use them. Over 6,500 people attended stream trailer demonstrations in 2002; another 30,000 viewed them at state and/or county fairs.
- Community wellhead protection area assessments and groundwater protection action plans were developed in cooperation with six rural municipalities.
- Investigation of stormwater and plant pathology indices for capture and recycle irrigation systems for commercial nurseries received international acclaim.
- Increased conservation tillage of wheat was documented in northwest Oklahoma.
- Rainfall simulator demonstrations have provided quantitative data on phosphorus levels in runoff from pastures fertilized with high rates of poultry litter.
- Approximately 45 Blue Thumb volunteers, including 10 high school students, regularly monitor 11 streams in or near the Illinois River Basin. During 2000-2002, this group devoted over 1250 hours to monitoring, 1150 hours to training, 130 hours to Quality Assurance, and 80 hours to conducting education events.
- An Assistant Extension Specialist was hired in 2002 to increase drinking water protection efforts in underserved communities. Development of working relationships with primarily minority groups such as The Oklahoma Landowners & Tenants Ass'n (TOLTA) and Retired Educators for Agricultural Programs (REAP), as well as other groups, is a major goal.





