



Spavinaw Creek

Oklahoma's Nonpoint Source Management Program at Work

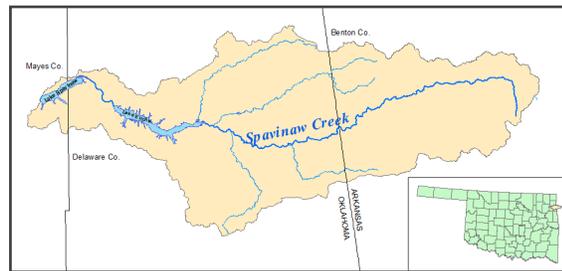


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Oklahoma's Nonpoint Source Management Program at Work

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- **Spavinaw Creek feeds Lakes Eucha and Spavinaw, which supply water to the citizens of Tulsa and surrounding communities.**
- **Best Management Practices (BMPs) are being installed on a voluntary, cost-share basis to reduce the amount of bacteria and nutrients entering the stream and lakes. The project focuses on creating and maintaining protected riparian buffer areas and on improving pastures through grazing management, both of which will reduce erosion and runoff of wastes and nutrients.**
- **Nearly \$5 million has been spent to install BMPs over the last decade, and water quality data has indicated significantly reduced levels of bacteria and phosphorus in Spavinaw Creek and its tributaries.**



Fencing livestock out of riparian areas allows regrowth of vegetation, which filters pollutants and stabilizes streambanks.

Freeze-proof tanks supply water to livestock fenced out of streams.

Proper pasture management is accomplished through cross-fencing and rotational grazing and reduces runoff of soil and bacteria into nearby streams.

AFTER: Reinforcement of heavy use areas with gravel, concrete, and geotextile reduces soil erosion.

The Spavinaw Creek Watershed Implementation Project is a partnership between local landowners, local conservation districts, the Oklahoma Conservation Commission (OCC), the NRCS, and the USEPA to address water quality impairments in the project area.

For more information, visit our website at: www.conservation.ok.gov



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