Lone Star Healthy Streams (LSHS) is a program developed by the Texas AgriLife Extension Service, the Texas State Soil and Water Conservation Board, and the Texas Water Resources Institute.

The program’s major goal is the protection of Texas waterways from bacterial contamination originating from beef cattle, dairy cattle, horses, poultry, and feral hogs that may pose a serious health risk to Texas citizens.

LSHS educates Texas farmers, ranchers, and landowners about proper grazing, feral hog management, and riparian area protection to reduce the levels of bacterial contamination in streams and rivers.

While some water pollution is often easy to detect, bacteria pollution is not. A water body choked with algae, a muddy river loaded with sediment, or a lake covered with an oily sheen all exhibit clearly noticeable impairments. Bacteria in water, on the other hand, are not at all noticeable to the naked eye.

Bacteria is the number one cause of water pollution in Texas and that more than half of the water bodies evaluated in the state are impaired because of excess bacteria levels?

DID YOU KNOW?

RESOURCE MANUALS

Bacteria Impairments in Texas
The resource manuals include information on Best Management Practices (BMPs) that can be used for each animal class to help reduce bacteria contributions to Texas waterways.

Examples of BMPs include practices involving riparian area management and protection, manure management, grazing management, and runoff management.

Contact:
Jennifer Peterson
Texas AgriLife Extension Service
Department of Soil & Crop Sciences
2414 TAMU
College Station, TX 77843-2414
Email: jpeterson@ag.tamu.edu
Phone: 979.862.8072

http://lshs.tamu.edu

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