

On-Site Sewage Facilities (OSSF) Programs @ BAEN AgriLife Extension and Research

Our Mission

To provide information on the technologies available for managing wastewater onsite so people can make informed decisions when selecting, operating, and maintaining their onsite wastewater treatment system. The Biological & Agricultural Engineering (BAEN) Department at Texas A&M University in conjunction with the AgriLife Extension & Research has multiple programs focused on On-Site Sewage Facility (OSSF) education, training, research, and demonstration.



Areas of Service

Continuing Education Units for onsite wastewater practitioners licensed through the Texas Commission on Environmental Quality

- The 16-hour “Analyzing Wastewater Treatment Systems for High Strength Waste” course covers describes how to analyze facility management practices for estimating wastewater characteristics. Wastewater treatment train configurations and components are described for managing high strength wastewater residential and commercial wastewater.
- The 8-hour course “Overview of Advance Wastewater Treatment Course” covers a broad spectrum of technologies and maintenance practices.

Homeowner Education and Outreach

- Two- and six-hour programs for homeowners wanting to understand more about the operation and maintenance of their septic system or aerobic treatment unit.
- Publications and e-learning courses also provide additional information for homeowners and policy makers.

Research & Demonstration

- The Onsite Wastewater Treatment Training Center located on the RELLIS Campus in Bryan, TX, provides a means for bench and field scale research, performance testing, and demonstration.
- Research and Extension Experience for Undergraduate (REEU) summer program for hands-on training on learning about reuse water quality.

Inventory & Mapping

- OSSF count and moving towards geolocation with permit and operation information.
- Coastal zone inventory and geolocation completed and now working on similar projects for other watersheds in Texas.



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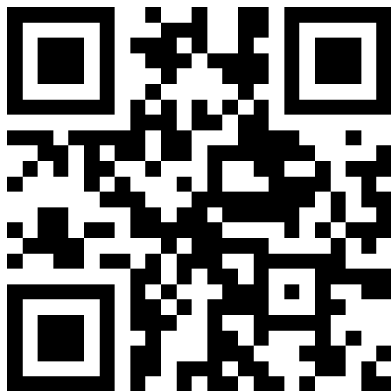
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2-Acre facility on REllis with access to water and sewer lines, wastewater treatment & reuse technologies, POU drinking water treatment technologies, and a field laboratory!

Educational programs of Texas A&M University System members are open to all people without regard to race, color, sex, religion, national origin, age, disability, genetic information, or veteran status. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating