

PROJECT FACT SHEET

Project Title: Dairy Waste Management – Phosphorous Reduction Demonstration Project

Project Lead: [Brazos River Authority](#)

Funding Source(s): EPA-TCEQ / USDA-NRCS / Authority / Altria / TSSWCB / TFB / United Cooperative Services / Dairy Producer

Project Partner(s): [TCEQ](#) / [TFB](#) / [TIAER](#) / [USDA-NRCS](#) / [TSSWCB](#) / [United Cooperative Services](#) / Dairy Producer

Project Description: The project will utilize both solid and liquid dairy waste through an anaerobic digester in a multi-step process that will produce both electricity and compost, while reducing phosphorus in the liquid waste stream by approximately 80 percent. Dairy producers in the watershed are faced with the challenges of reducing phosphorus in their waste stream and preventing animal manure from entering their lagoons or implementing changes in their waste management practices.

United Cooperative Services, a rural electric cooperative in Cleburne, has agreed to compensate the producer for the amount of electricity produced by the digester for a period of two years. This will help to offset the costs of operation and maintenance. Compost sales, outside the watershed, will be part of the ongoing Texas Commission on Environmental Quality composting program.

Project Benefits: Not only will this project reduce phosphorous in the waste stream and produce electricity and compost, it will also demonstrate the application of a developing technology for dealing with animal waste.

Project Schedule: Construction started in June 2004. Estimated completion is late Fall 2004.