

# Barbara Featherston, P.E., BCEE

## Education, Licenses, and Certifications

Bachelor of Science in Civil Engineering  
University of South Florida, 1989  
Registered Professional Engineer – Louisiana #26374  
Class 4 Operator Certifications in Water Production, Water Treatment, Water Distribution,  
Wastewater Collection and Wastewater Treatment - Louisiana #23007  
Board Certified Environmental Engineer – American Academy of Environmental Engineers

## Professional Experience

**December 2012 to Current      City of Shreveport      Shreveport, LA**  
**Director, Department of Water and Sewerage**

Current responsibilities include the management of the Department and it's employees and operations; presentations as necessary to City Council; meetings with the City Administration; Department budgeting and organization; and planning/discussions related to consent decree negotiations, infrastructure improvements, and future funding of Department activities.

**2007 to 2012      City of Shreveport      Shreveport, LA**  
**Assistant City Engineer**

Current responsibilities include the management of all water and wastewater capital projects for the City. This involves developing project scopes, funding and budgeting, assisting in the design selection process, design contract negotiations, design phase work, permitting, bidding and construction management of the projects. This position includes communication and coordination with other department/division staff for project development, execution and completion. Other non-project related activities include the preparation of the State of the Municipal Infrastructure report as well as other project status reports, briefings to Council, and various projects and planning activities as requested by the City Engineer.

**2002 to 2007      Camp Dresser & McKee      Shreveport, LA**  
**Principal**

Served as Project/Construction Manager for water and wastewater projects. These projects included the \$70 million expansion and upgrade of the City of Shreveport's Lucas and North Regional Wastewater Treatment Plants, a new 2 MG elevated water storage tank for Bossier City, a Computerized Maintenance Management System for the City of Monroe and various other projects for Hope, El Dorado, and Hot Springs, Arkansas.

**1992 to 2002      AFJMc      Shreveport, LA**  
**Manager of Environmental Department**

Served as Manager of the Environmental Department as well as Project/Construction Manager for water and wastewater projects. These projects included the \$15 million expansion of the Bossier City water treatment plant, a new biosolids processing facility, hydraulic water model, odor control study and design, and 14 miles of 24 and 36 inch wastewater force mains for Bossier City. Projects for the City of Shreveport included the 2 MG Linwood Elevated Tank and the 1999 Water and Wastewater Master Plan. Other clients included the City of Minden, Town of Benton, General Motors, the Caddo Bossier Port, and Barksdale Air Force Base.

**1990 to 1992**     **Dyer, Riddle, Mills & Precourt**     **Tampa, FL**  
**Project Engineer**  
Served as project manager for water and wastewater projects. These projects included wastewater treatment plants, odor control facilities, sewer mains and force mains for the City of New Port Richie, water mains and pump stations for the City of Dunedin, biosolids facilities for Hillsborough County and a wastewater effluent study for Southern States Utilities.

**1987 to 1990**     **Various**     **Tampa, FL**  
**Student Employment**  
Served as project inspector for water and wastewater projects for Pasco County Utilities. These projects included wastewater treatment plants, odor control facilities, re-use water mains and water mains. Research assistant for Progress Water Technologies. Company developed ion exchange media and equipment for water and wastewater remediation/treatment. Research assistant for the University of South Florida. Research included testing of reverse osmosis membranes. Construction manager and project assistant for Knepper and Willard Engineers. Work included management of water and sewer construction projects and water and sewer master planning projects.

**Honors,  
Awards,  
Activities and  
Presentations**

Recipient of the Louisiana Engineering Society's Hugh F. Coughlin Young Engineer of the Year  
Recipient of the American Society of Civil Engineers Young Civil Engineer of the Year (Louisiana Section)  
Recipient of the Northwest Region of the Louisiana Conference on Water, Sewerage and Industrial Waste Associate Member Recognition Award  
Biography included in the book "Changing Our World, True Stories of Women Engineers"  
Served as President of the Louisiana Section of the American Society of Civil Engineers (Served at all levels of local and state board)  
Co-author of "Ammonia Removal in Large Aerated Lagoons" presented at WEFTEC 2004  
Presenter at numerous conferences and meetings for the Louisiana Conference, Water Quality Technology Conference, the Southwest Section Annual Conference of the AWWA, and the Arkansas Water Works and Environment Association

**Professional  
Memberships**

American Water Works Association  
American Society of Civil Engineers  
American Academy of Environmental Engineers  
Water Environment Federation