

Years of Experience

28 Total
3 With Firm

Professional Experience

Brown and Root, Inc.

Houston, Texas
Project Engineer 4
(1983 – 1987)

**Flood Engineers,
Architects, and
Planners, Inc.**

Jacksonville, Florida
Vice President
(1987 – 1992)

BHR, Inc.

Jacksonville, Florida
Vice President
(1992 – 1995)

**North Beach
Engineering, Inc.**

Jacksonville, Florida
Principal, Owner
(1995 – 2005)

**Dyer, Riddle, Mills &
Precourt, Inc.**

Jacksonville, Florida
Vice President
(2005 – 2008)

WET Engineering Inc.

Jacksonville, Florida
Principal, Co-Owner
(2008 – Present)

Education

BS in Mechanical
Engineering, Rice
University, 1983

Professional Affiliation

American Society of Civil
Engineers

American Society of
Mechanical Engineers

National Society of
Professional Engineers

Florida Engineering Society

William Smoot, P.E. currently serves as a principal of WET Engineering. Mr. Smoot has been providing project management and design services for all types of utility projects over his 28 year career. These services include water and wastewater treatment facilities, water distribution and wastewater collection systems, hydraulic modeling, pump station, permitting on federal, state, and local levels, utility system capacity analyses, feasibility studies, and consumptive use permitting. In addition, he is involved with all project phases, to include design, permitting, quality assurance and quality control, construction administration, and business development. Mr. Smoot has worked with all types of utilities clients including municipal, private, industrial and military.

Project Experience

Naval Submarine Base, Kings Bay, Georgia: Design and construction engineering for the replacement of three 48" diameter, 72,000 gpm dry-dock pumps. Project includes pump specification assistance, shop drawing reviews, design of necessary system modifications and observation of installation.

BCR Environmental LLC, Proprietary Effluent and Sludge Treatment, Jacksonville, Florida:

Principal responsible for: creating and writing several installation manuals for the BCR's proprietary processes, recommending system modifications, and establishing system requirements.

Consumptive Use Permitting and Compliance, North Beach Utilities, St. Johns County, Florida:

Principal and project manager responsible for permit renewal activities in response to NBU's Consumptive Use Permit with SJRWMD. Consulting services include providing the annual update, which requires the compilation of water consumption data, providing water use projections, reviewing water quality data, and evaluating conservation efforts. Project included conducting water audits, water plant evaluation, and population and water user projections.

Camachee Island Company, Water Treatment Plant, and St. Augustine, Florida:

Principal responsible for permitting and designing a new 22,000 glass fused steel ground storage tank and a new prefabricated pump building containing two new 200 gpm high service pumps to replace an aging package water plant which included an existing water storage tank, hydropneumatic tank and high service pumps. The system remained in operation while the improvements were constructed and installed.

Groundwater Modeling, CCUA, Florida: Project Manager for utility wide and site specific groundwater modeling project in support of long term consumptive use permitting with the St. Johns River Water Management District.

Oakleaf Plantation Water Treatment Plant, CCUA, Florida: Project Manager and lead engineer for the design, permitting, and construction administration of a new water treatment plant, including high service pumps, water supply wells and ground storage.

M J Wood Warehouse, Jacksonville, Florida: Design and permitting for expansion of an existing equipment warehouse and expansion of a gravel parking area.

Water Treatment Plant, North Beach Utilities, St. Johns County, Florida: Project Manager and lead engineer for the design and permitting of an additional reverse osmosis skid and a 250,000 gallon prestressed concrete storage tank.

Oakleaf Plantation Reclaimed Water Pumping Station Clay County Utility Authority, Clay County, Florida: Project Manager and lead engineer for the design and permitting of a new reclaimed water pumping station including a 750,000 gallon ground storage tank and high service pumping facility.

Fleming Island Reclaimed Water Pumping Station, Clay County Utility Authority, Clay County, Florida: Project Manager and lead engineer for the design and permitting of an expansion to the existing reclaimed water pumping station including an additional ground storage tank and high service pump.

Daytona Speed Park, Daytona Beach, Florida: Design and permitting of a modification to the existing stormwater system to allow construction of a roller coaster at an existing family entertainment center.

Fruit Cove Family Eye Care, St. Johns, Florida: Site design and permitting for converting a former convenience store into a professional office space. Project included shepherding the project through the St. Johns County Development Review process. The existing on site water plant and onsite septic system were re-permitted through the appropriate agencies as well.

Jacksonville Urgent Care Facility, Jacksonville, Florida: Site design and permitting for conversion of a former restaurant site to a professional office. Project included shepherding the project through the City of Jacksonville Development Review process.

Fleming Island Wastewater Treatment Plant Expansion, Clay County Utility Authority, Clay County, Florida: Project Manager for the design and permitting of a 2.5 million gpd expansion to an existing 1.5 million gpd treatment facility. Project included an oxidation ditch, clarifier, filter, chlorine contact basin and chlorination/dechlorination facilities.

Spencer's Wastewater Treatment Plant Expansion, Clay County Utility Authority, Clay County, Florida: Project Manager for the design and permitting of the interim expansion to the existing wastewater treatment plant for a capacity of 500,000 gpd.

Mayport Water Treatment, Storage and Pumping Facility/Mayport Naval Station, United States Navy, Southern Division Engineering Command, Charleston, South Carolina: Design Engineer for a 20 MGD forced draft aeration and chlorination plant with remote wells, six new high service pumps, new two million gallon ground storage reservoir and laboratory facilities.

Nine Pump Stations and Force Mains/Naval Submarine Base, Kings Bay, Camden County, Georgia: As part of the Utility and Site Improvement Project, managed and participated in the design of nine grinder type pump stations for phase-out of existing septic systems on base.

Southeast Regional Water Treatment Plant for Mayo Clinic, City of Jacksonville, Duval County, Florida: Project Manager for the design and construction administration for a 5 MGD water treatment plant with a two million gallon ground storage reservoir, two new deep wells, aeration facility, chlorination facility, high service pumping, standby power and large diameter transmission mains.

Advanced Wastewater Treatment Facility, Jasper, Hamilton County, Florida: Project Engineer responsible for providing the preliminary engineering plans, funding application, development of construction plans, and construction administration of a 1.2 MGD Bardenpho process advanced wastewater treatment plant with discharge to a receiving wetland. Project included new aeration facilities, clarifiers, effluent filter and laboratory upgrade. Grant and loan funds were obtained through Farmer's Home Administration.