

Professional Record

Mr. Bailey is an electrical engineer with over 28 years of experience in designing electrical and SCADA control systems for water and wastewater treatment facilities, above and below ground distribution systems and industrial facilities. His project management responsibilities encompass preliminary and final design, cost estimating, and construction/start-up services. He participates on quality assurance/quality control teams to evaluate electrical systems' technical conformance to codes and adherence to a project's overall design scheme. He interfaces with other project consultants, as well as client and vendor representatives. Mr. Bailey is also familiar with NFPA codes and their adoption to water and wastewater system design.

Mr. Bailey is experienced in 13KV installations and in complex electrical retrofits that require a keen understanding of the construction process. He has practiced applied electrical engineering on a variety of environmental projects having been involved from concept to preliminary and final design through construction start-up. His experience involves electrical engineering for water treatment plants, wastewater treatment and disposal facilities, water reuse and irrigation systems, and instrumentation and control systems.

Mr. Bailey was the project manager, in responsible charge, for all electrical design concerns for the following projects:

- Haines City WWTP Headworks Imp.
City of Haines, Florida – 2014
- Silver Springs Shores WWTP Imp.
Marion County, Florida – 2014
- Central Sumter Utility (CSU) WWTP
The Villages, Florida - 2012
- Palm Coast WWTF
City of Palm Coast, Florida – 2008
- Sanford "Ozone" WTP
City of Sanford, Florida - 2013
- Palm Coast "Membrane" WTP
Palm Coast, Florida - 2014
- Mount Dora East WTP
City of Mount Dora, Florida - 2012



Stephen E. Bailey, P.E. President

BAILEY ENGINEERING CONSULTANTS, INC.

Academic Credentials:

Bachelors of Electrical Engineering
Georgia Institute of Technology, 1983
Power and Control Theory

Professional Engineer - Florida, Georgia,

Employment Record:

1992-Present-Bailey Engineering Consultants
1986-1992 - C.E. Bailey & Associates, Inc.
1984-1986 - Advanced Micro Devices
1983-1984 - Hewlett-Packard

Principal Areas of Expertise:

Electrical and Control Design of Water and Wastewater Treatment Facilities, Pump Stations, Industrial, Environmental, Municipal and Commercial Projects

Electrical Studies, Value Engineering, and All Phases of Project Management

Professional Activities:

National Society of Professional Engineers (NSPE)
Institute of Electrical and Electronic Engineers (IEEE)
Florida Engineering Society (FES)
National Fire Protection Association (NFPA)
Instrument Society of America (ISA)