

**Curtis Gentile, PE - Project Manager, Resident Engineer**  
Water/Wastewater Treatment, Collection, and Distribution  
Process Engineering ♦ Commercial Construction

**Qualifications**

For over 40 years, Mr. Gentile has been involved in substantial infrastructure projects from the perspective of Project Manager, Resident Engineer, Design Engineer, Equipment Supplier, Contractor, and Owner's Representative. This varied and hands-on work history has given him a unique perspective and advantage in controlling all aspects of project delivery. Progressively responsible management experience in the areas of design and construction administration, particularly in the municipal water & wastewater market. Mr. Gentile has been employed in guiding small and large-scale projects, both domestically and internationally. Coupled with his commitment to completing projects on time and within budget, and recovering stalled projects, Mr. Gentile's leadership skills and technical knowledge have proven valuable in bridging communication gaps between different engineering disciplines, different ethnic groups, and competing business interests.

**Expertise**

Mr. Gentile has prepared bid and construction documents on multiple projects related to the upgrade, expansion, and replacement of treatment plants, collection systems, distribution and storage infrastructure, and pump stations. On the front end, he has prepared and presented planning documents, followed by design management of a variety of engineering disciplines including Surveying, Geotechnical, Structural, Process, Architecture, HVAC, Electrical, and Instrumentation & Control. During the Construction phase, he has served as the liaison between Owner, Contractor, and regulatory agencies, while coordinating all responses to contractor-generated RFIs and owner-generated RFPs, chairing weekly Progress Meetings, and reviewing and approving Change Orders and Pay Requests. Upon project close-out, Mr. Gentile has been responsible for the preparation and delivery of Record Drawings and O&M Manuals, and for writing 6-month and 12-month performance assessments. Mr. Gentile has also led teams and advised Sewer Authorities in the development of Long-Term Control Plans (LTCP) to comply with consent decrees. Solutions involved the addition of wet-weather storage facilities, followed by the abatement of Combined and Sanitary Sewer Overflows (CSO/SSO).

**Past & Present Positions**

Sr. Engineer, Larson Design Group - Cranberry Township, PA (2024)

Expert Witness and Forensic Consultant - Structural Forensic Experts, Pensacola, FL (2024)

Forensic Consultant - Allied Engineering and MBP Engineering, Pinecrest, FL (2020-2023)

Sr. Project Manager, Mittauer & Associates; Orange Park, FL (2019-2020)

Past position: Sr. Engineer, Baskerville-Donovan, Inc; Pensacola, FL (2016 – 2019)

Project Manager, TSG Water Resources, Inc; Gainesville, FL, St. John, USVI (2015 – 2016)

### **Past & Present Positions (cont.)**

Resident Engineer, Project Manager, Burns & McDonnell, Doha, Qatar, St. Louis, MO (2005 – 2014)

Project Manager, Civil & Environmental Consultants; St. Louis, MO (2004-2005)

Project Engineer, URS: St. Louis MO (2000-2004)

Chief Engineer, Fasteel; St. Louis, MO (1996-2000)

Project Engineer, Layne Western Company; St. Louis, MO (1991-1994)

Sales Engineer, Progress Environmental Corp; St. Louis MO (1986-1990)

Sales Engineer, Ulmer Equipment Company; St. Louis, MO (1982-1986)

### **Accolades**

Mr. Gentile served as both Assistant Project Manager and Resident Engineer on St. Louis MSD's Missouri River Wastewater Treatment Plant Improvements, which, upon completion, earned a first-place award by the Missouri Chapter of the American Council of Engineering Companies (ACEC), in the Public Sector category. The project involved a novel siloxane removal system and Mr. Gentile, along with the MSD's plant manager, presented a paper on siloxane removal at the Missouri Water Pollution Control Association's annual conference.

### **Professional Society Affiliations**

Former member, Water Pollution Control Federation (WPCF)

Former member, American Water Works Association (AWWA)

Former member, National Association of Professional Engineers (NSPE)

Former member, Instrument Society of America (ISA)

### **Qualifications and Background as an Expert Witness**

Since October 2020, Mr. Gentile has been working as an Expert Witness/ Forensic Engineer in Florida, performing inspections, and writing Damage Assessments for several Forensic Engineering firms. As a Forensic Engineer, Mr. Gentile has written over 180 Damage Assessments, and has provided expert testimony in 24 depositions and 2 jury trials. Cases have been related to construction deficiencies, ruptured water lines, wind damage from both named and unnamed storms, and structural damage from blasting and heavy earth moving equipment.