

Resume for Anthony J. Clemente, P.E.  
9470 SW 116 Street  
Miami, Florida, 33176  
305. 6061232

Education

**MBA, Business,**

**University of Miami, 1987**

**M.S. Engineering,**

**University of Southern California, 1970**

**B.S. Engineering,**

**University of Florida, 1967**

Registrations

**Professional Engineer**

**Florida**

**California**

**Certifications Certified Environmental Professional by the Academy of  
Board Certified Environmental Professionals**

Professional Affiliations

**National Society of Professional Engineers**

**American Water Works Association**

**Water Environment Federation**

**National Association of Environmental Professionals**

Mr. Clemente is has been providing engineering consulting services as a Vice President for PBS&J and as President of his own firm after working for Miami-Dade County for 25 years.. His last assignment was director of the Miami-Dade Water and Sewer Department, the sixth largest water/wastewater utility in the United States. The system consisted of three water treatment plants with a combined rated capacity of 473 mgd and more than 4,500 miles of transmission lines, as well as three regional wastewater plants with a capacity of 340.5 mgd with ocean outfalls and a network of effluent injection wellfields. The collection system includes more than 900 pump stations, 2,500 miles of gravity sewer lines, 700 miles of force mains, and 66,000 manholes.

In 1997, Mr. Clemente was featured on the cover of and profiled in *Engineering News-Record* for his innovative leadership in the management of a \$1.5 billion capital improvement program over a five year period. Under his leadership, the department had 2,525 employees, an annual budget of \$400 million and supplied a population of 2 million. It consistently furnished a product that not only met, but also surpassed federal standards, while maintaining its rates among the lowest in the

nation. The department's combined water and sewer rates were significantly lower than those of other metropolitan areas across the nation. As director of the Miami-Dade Water and Sewer Department, Mr. Clemente was responsible for updating the water and sewer system and insuring that adequate capacity exists as Miami-Dade County prepared to enter the 21st century. He successfully led the county's negotiations with the state of Florida and the United States government in reaching four settlement agreements on repairs to, and expansion of, the department's sewage transmission system and treatment facilities. He also successfully expedited the construction of the 102-inch force main that crosses environmentally sensitive Biscayne Bay one year ahead of schedule and under budget.

Mr. Clemente negotiated two environmental settlement agreements with state and federal environmental agencies concerning migration of treated wastewater after discharge into deep disposal wells, one concerning groundwater under the influence of surface water determination, and one concerning the operation of a solid waste energy plant. He also negotiated environmental permits with the National Park Service and state environmental agencies concerning the construction of a new sanitary landfill between two national parks.

Prior to this assignment, Mr. Clemente was Assistant County Manager responsible for Miami-Dade County's Aviation, Building and Zoning, Developmental Impact, Environmental Resources Management, Planning, Public Works, Seaport, Metro Planning Organization, and Miami-Dade Water and Sewer Departments.

Mr. Clemente also worked with Miami-Dade County's Department of Environmental Resources Management and was eventually promoted to the position of Director. In this capacity, he helped formulate the Biscayne Bay Management Plan and Wellfield Protection Plan. He participated in the restoration of Biscayne Bay and the renourishment of beaches from Key Biscayne to Sunny Isles. During his seven-year tenure as Director of the Department of Environmental Resources Management, the department became self-supporting and grew to be the largest local environmental agency in the southern United States.

He is a member of the Association of Metropolitan Water Agencies; Ad Hoc Committee on Prioritization and the American Water Works Association Research Foundation Project Advisory Committee "A Balanced Evaluation of Public/Private Partnerships."

#### SPECIAL TRAINING

MIT - Harvard Public Disputes Program Courses; Dealing With An Angry Public and Environmental Dispute Negotiation

#### AWARDS

"Civilian Award for Humanitarian Service," Department of the Army

Outstanding Technical Achievement Award, 1988 and 1997, Engineer of the Year, Miami Chapter, Florida Engineering Society

Recipient, Award for Environmental Excellence from the Florida Exotic Pest Plant Control Council

#### PUBLICATIONS

"Miami-Dade County's Mandated Improvements Program to Reduce SSOs," U.S. Environmental Protection Agency's National Conference, Washington, D.C.

"WANTED: A Rational SSO Policy," for Miami-Dade Water and Sewer Department. Water Environment Federation, WEFTEC 95, Miami Beach, Florida.

"Miami-Dade County's Solution to Reducing Sanitary Sewer Overflows," Water Environment Federation, WEFTEC 95, Miami Beach, Florida.

"How will the SSO Guidance Documents Affect POTWS?," Florida Water Resources Conference, Fort Myers, Florida.

"Miami-Dade's SSO Control Program," Water Environment Federation, Urban Wet Weather Pollution from the Stream's Perspective, Quebec, Canada.

"WANTED: A Rational Regulatory Approach in Addressing Municipal Wastewater Discharge," for Miami-Dade Water and Sewer Department. Florida Water Resources Conference, Orlando, Florida.

"Living With Multiple Enforcement Actions," WEF/AWWA Joint Management Conference, Tulsa, Oklahoma.

"Sanitary Sewer Overflows: Regulatory Issues and Impacts on Florida's Wastewater Utilities." Florida Water Resources Conference, Orlando, Florida.

"Meeting the Competitive Challenge," FSAWW, Annual Conference, November, 1997.

"Miami-Dade County's Plan for Aquifer Management," Journal of the Environmental Engineering Division, Vol. 107 No. EE6, Dec. 1981, American Society of Civil Engineers.