

RAYNETTA CURRY MARSHALL, P.E.

EXECUTIVE SUMMARY

Extensive administrative and technical experience in water resources management that includes: 1) executive management of water/wastewater and stormwater utilities; 2) development of long-term plans for water supply, wastewater treatment and reclaimed water distribution; 3) engineering management of design, construction and rehabilitation projects; 4) development and implementation of national water research programs; and 5) supervision of professional, managerial, technical and support personnel.

EXPERIENCE

JEA
Jacksonville, FL

2011 - Present

Director, Water/Wastewater Planning and Development

Responsible for long-term planning of JEA's water supply, wastewater treatment and reclaimed water needs. Oversees the development of the Water Resources Master Plan including establishing planning criteria, forecasting demand and developing capacity expansion plans for reliability, quantity and quality of supply and cost effectiveness. Leads communications and coordination with neighboring counties and utilities concerning inter-local and utility service agreements. Manages JEA's development process for engineering and construction review, approval and oversight of new water, wastewater and reclaimed water infrastructure. Responsible for administering JEA's Developer Cost Participation and Cost Recovery Agreements to meet JEA business and customer objectives.

Director, Water/Wastewater Project Engineering & Construction

Directed the design, engineering and construction management of JEA's \$150M+ annual capital improvement plan for water, wastewater, and reclaimed water infrastructure; including new capacity, system upgrades and renewal and replacement projects. Oversaw the coordination of joint utility and transportation infrastructure improvement initiatives with other agencies such as the City of Jacksonville, Florida Department of Transportation and the Jacksonville Transit Authority. Prepared agenda items and presentations for the JEA Board of Directors and stakeholder groups on the capital program.

Manager, Water/Wastewater Assets and System Controls

Managed the control center operation for water/wastewater including development, maintenance and reporting of the Supervisory Control and Data Acquisition systems at over 1400 wastewater pumping stations, 37 water treatment plants, 10 wastewater treatment plants and 30 reclaimed delivery stations. Developed operational plans and procedures to meet the requirements of the Saint Johns River Water Management District Consumptive Use Permit. Developed and implemented reporting activities to deliver solutions to make accurate decisions on asset health and reliability.

City of Titusville, Florida

1999 - 2011

Director, Water Resources Department

Directed the administration, planning and coordination of all operational and capital activities of the Water Resources Department of the City of Titusville. The Department consisted of the water/sewer utility and stormwater utility and was comprised of eight operational divisions (Administration, Engineering, Stormwater Management, Water Production, Field Operations, Water Reclamation, Environmental Laboratory Services and Electronic Services) with a total of 130 employees and a \$30 million operating and capital budget. Provided overall strategic planning, including water supply planning and water, sewer and stormwater master planning. Ensured regulatory compliance and obtained 10-year Consumptive Use Permit for a new wellfield in northwest Brevard County.

**Water Environment Research Foundation
Alexandria, VA**

1991 - 1999

Research Program Director

Directed water research programs valued at over \$20 million related to municipal wastewater collection, treatment and disposal. Established long-range planning initiatives, set priorities and determined program budgets. Reported on research program to 13-member Board of Directors. Supervised a staff of 15 project managers and support staff and directed all aspects of research and engineering projects. Examples of specific projects included reengineering wastewater treatment facilities, developing business process systems for water and wastewater utilities and benchmarking the operations and maintenance of wastewater treatment plants and collection systems. Established and maintained liaisons with government agencies and municipal water and wastewater utilities to coordinate activities and create partnerships.

**Fairfax County Department of Public Works
Fairfax, VA**

1988 - 1991

Engineer II

Managed design of capital improvement and development projects for storm drainage, stormwater management and flood control systems. Negotiated and administered Architect/Engineer design contracts and determined scope of services. Reviewed engineering designs and assured conformance with county standards. Conducted in-house design projects including establishing design parameters by applying hydrologic and hydraulic models, developing erosion and sediment control plans, and assessing water quality impacts. Provided engineering support during project construction. Coordinated and conducted public meetings with elected officials.

**Washington Suburban Sanitary Commission
Laurel, MD**

1984 - 1988

Project Manager/Planning Manager

Matrix management of in-house teams engaged in design contracts of water and wastewater treatment plants, pumping stations, stormwater management facilities and support facilities. Directly managed Architect/Engineer consultant teams for planning, design and construction of capital improvement projects. Conducted planning analyses of water and wastewater systems based on county growth and development projects. Provided technical review during planning and design states of development authorization process.

EDUCATION

Master of Science, Environmental Engineering
Howard University, Washington D.C.

Bachelor of Science, Civil Engineering
Howard University, Washington D.C.

LICENSURE

Registered Professional Engineer, State of Florida #55159

PROFESSIONAL AFFILIATIONS

Water Environment Federation, Utility Management Committee; Chair 2013 - 2015
Florida Water Environment Association, Board of Directors; President 2015 - 2016
American Water Works Association, QualServe Peer Reviewer
Florida Section American Water Works Association

REFERENCES AVAILABLE UPON REQUEST