

Bevin A. Beaudet, P.E.
National Director for Water Services

Education

M.E., Environmental Engineering, University of Florida, 1974
B.S., Chemical Engineering, University of Massachusetts, 1969
Executive Certificate in Public Management, Florida Atlantic University

Professional Registrations

Professional Engineer: Florida, Georgia, and Maryland

Distinguishing Qualifications

President of the American Water Works Association, a technical and scientific organization with 54,000 members, 1997-98

Honorary membership for distinguished service to the American Water Works Association, 1996

George Warren Fuller Award for engineering skill and diplomatic talent in water supply field, Florida Section of the American Water Works Association, 1995

Government Engineer of the Year, Palm Beach County Chapter of the Florida Engineering Society, 1994

Administrator of the Year, Treasure Coast Chapter of the American Society for Public Administration, 1995

Administrator's Golden Palm Award for implementing cost saving measures throughout county government, Palm Beach County, 1996

Relevant Experience

Mr. Beaudet offers more than 28 years of broad-based, progressively responsible technical and management experience in both the private and public sector. Earlier career experience involved applied research, and the planning and implementation of water and wastewater infrastructure projects. The past 10 years have involved utility management and other significant and varied responsibilities within Florida County government. As CH2M HILL's National Director of Water Services, Mr. Beaudet provides considerable utility management and technical experience to CH2M HILL clients worldwide.

Administrative Experience

As Deputy County Administrator for Palm Beach County, Florida Mr. Beaudet was responsible for internal direction and coordination of all County departments, troubleshooting issues of importance to the

County Administrator and the Board of County Commissioners, and numerous special projects. Mr. Beaudet had direct line responsibility for more than 700 employees in 4 major departments: Facilities Planning and Construction; Water Utilities; Planning, Building and Zoning; and Environmental Resources Management. He was also responsible for coordinating all environmental, water resource, and utility-related issues. Under Mr. Beaudet's guidance, the County adopted a comprehensive plan to implement alternatives to its historic shallow groundwater wells including construction of a 10 MGD membrane plant treating brackish water from the Floridan Aquifer, extensive use of reclaimed water for both constructed wetlands and irrigation of green spaces, and pilot evaluation of Aquifer Storage and Recovery (ASR) technology.

Mr. Beaudet also served as Director of Palm Beach County Water Utilities Department (PBCWUD), a water and wastewater utility with more than 400 employees serving 300,000 people in the rapidly growing unincorporated area of the County. In this position, he directed master planning and implementation of a \$385 million, 6-year capital expansion and improvements program that included construction of a regional wastewater treatment plant (WWTP) with water reclamation, ozone improvements to existing water treatment plants (WTPs), and design of a new membrane softening WTP. Mr. Beaudet conducted organizational development activities including career progression training and total quality management (TQM) programs. He instituted automated project tracking and management systems; conducted financial planning, bond financings, and rate and connection fee reviews and revisions; and negotiated bulk users agreements and consulting engineering contracts.

Project Experience

Mr. Beaudet serves as Senior Consultant to the Nature Conservancy for a project geared toward developing consensus between water purveyors, farmers, environmentalists and the South Florida Water Management on implementing and funding the Lower East Coast Water Supply Plan for South Eastern Florida. This plan includes increased storage of existing water currently going to tide, including ASR technology, the increased use by water utilities of reclaimed wastewater for irrigation and identification and development of alternative raw water supplies.

Mr. Beaudet is principal in charge of an ongoing engineering contract with Highland Beach, Florida, which includes a major task to identify supplemental and alternative water supplies for the Town, whose primary wells are subject to salt water intrusion during drought conditions. Mr. Beaudet is also Senior consultant to West Palm Beach, Florida, for a project which involves negotiation of agreements between the City and prospective bulk users of water and wastewater service.

Additional Experience Prior to CH2M HILL

As Principal Engineer for a national consulting engineering firm, Mr. Beaudet served as project manager for Water and Wastewater Master Plan for the Palm Beach County utility system, which included an evaluation of the vulnerability of the County's groundwater supply, and the identification and evaluation of water supply alternatives to meet growth needs. The master plan also included a traditional analysis of the water distribution and wastewater collection systems. Mr. Beaudet also served as project manager of water supply evaluations for several other area utilities, including a master plan for Port St. Lucie, Florida which weighed the installation of membrane treatment versus acquiring and improving the private utility which was providing service to the city at that time.

Mr. Beaudet served as Vice President for Water and Wastewater Treatment Engineering at another environmental science and engineering firm, developing its emerging potable drinking water supply and treatment and hazardous waste engineering markets. His responsibilities included managing an engineering division of 35 professionals responsible for \$2.5 million in annual fees. Mr. Beaudet

conducted numerous studies and implementation projects for upgrading and expanding WTPs and WWTPs throughout Florida and the southeastern U.S., as well as several federally-funded applied research projects.

Mr. Beaudet has experience conducting a variety of research projects and studies: an EPA research project on radium removal from potable water supplies; an EPA research project on minimizing total trihalomethane (TTHM) production in a water-softening plant in Daytona Beach, Florida; and a study on cooling water intake design requirements for Gulf Power Corporation. He also participated in WTP upgrading studies in North Port, Port Malabar, and Port St. Lucie, Florida, and Chesapeake, Virginia.

Mr. Beaudet spent the first five years of his career serving as a commissioned officer in the Army Corps of Engineers (ACOE).

Membership in Professional Organizations

American Water Works Association
Florida Engineering Society
American Society of Civil Engineers
Water Environment Federation
Diplomate of The American Academy of Environmental Engineers
American Water Resources Association

Professional and Educational Honors

Tau Beta Pi, National Honor Society for Engineering, 1975
Phi Eta Sigma, National Honor Society for Freshman Students, 1966
Honorary Graduate, US Army Engineer Officer Advanced Course, Fort Belvoir, VA, 1974
Florida Section AWWA Fuller Awardee, 1995
FES Palm Beach County Chapter, Government Engineer of the Year, 1994
Treasure Coast Chapter American Soc. for Public Administration, Administrator of the Year, 1995
Palm Beach County Administrator's Golden Palm Award, 1996
AWWA Honorary Membership, 1996
Elected as President-elect, National AWWA, 1996

Publications and Presentations

With Marlowe, H.A., Jr. Workforce Literacy in the Water Utility Industry. *Journal AWWA*. June 1992.

With Marlowe, H.A., Jr. Creating a High-Performance Utility: The Link Between Culture and Organizational Health. *Journal AWWA*. January 1992.

With Dunkelberger, G. Case History - DBP Control Using Membrane Technology. Presented at the Annual Conference of the American Water Works Association. Philadelphia, Pennsylvania. 1991.

With Marlowe, H.A., Jr. Developing Self-Renewal Capabilities in a Water Utility: Lessons Learned from Analysis and Action in Creating a Learning Organization. Presented at the 1991 Annual Conference of the American Water Works Association. Philadelphia, Pennsylvania. 1991.

With Marlowe, H.A., Jr. *et al.* Developing a Career Path for Utilities Maintenance Personnel, A Case Study. Presented at the Annual Conference of the National Environmental Training Association. Charleston, South Carolina. 1989.

With Marlowe, H.A., Jr. *et al.* Actual and Ideal Cultures in a Water Utility. Presented at the Joint Technical Conference, FSAWWA/FPCA/FWPCOA. Sarasota, Florida. 1989.

With Singley, J.E. *et al.* Treatment Processes for Removal of Inorganic Contaminants--A Chapter for *Water Treatment Plant Design*. Second Edition published by AWWA, ASCE, and CSSE. 1989.

Beaudet, B.A., *et al.* Use of Advanced Oxidation Processes for Control of Color in Groundwater. Proceedings of the 1989 International Ozone Association Conference. Berlin, Germany. 1988.

With Singley, J.E. *et al.* 1984. Corrosion Manual for Internal Corrosion of Water Distribution Systems. U.S. Environmental Protection Agency, 570/9-84-001. April 1984.

With Singley, J.E. *et al.* 1983. Radionuclide Removal for Small Public Water Systems. U.S. Environmental Protection Agency, 570/0-83-010. June 1983.

With Bilello, L.J. Evaluation of Activated Carbon by the Dynamic Minicolumn Absorption Technique. *Treatment of Water By Granular Activated Carbon*, American Chemical Society Advances in Chemistry Series, No. 202. Edited by McGuire and Suffet. 1982.

With Singley, J.E. *et al.* Wastewater Reclamation at Jeddah and Mecca, Saudi Arabia. *In: Proceedings of 9th Annual Conference of National Water Supply Improvement Association*. Washington, DC. 1981.

Beaudet, B.A., *et al.* Evaluation of a Rapid Method of Determining Carbon Usage Rates. Proceedings of the 35th Annual Industrial Waste Conference, Purdue University, Lafayette, Indiana. 1980.

Beaudet, B.A., *et al.* Removal of Specific Organic Contaminants from Industrial Wastewater by Granular Activated Carbon Absorption: Proceedings of the 8th Annual WWEMA Conference. Houston, Texas. 1980.

With Singley, J.E., and Ervin, A.L. Use of Powdered Activated Carbon for Removal of Specific Organic Compounds. Proceedings American Water Works Association Seminar. Denver, CO. 1979.

With Singley, J.E. Costs of Radium Removal from Potable Water Supplies. U.S. Environmental Protection Agency, 600/2-77-073. April 1977.

With Singley, J.E. Minimizing Trihalomethane Formation in a Water Softening Plant. U.S. Environmental Protection Agency, MERL. October, 1976.