

Wayne E. Bates, PhD, PE

Title Vice President

Certifications -MA Licensed Drinking Water Distribution Operator (Grade 2D)
-MA Wastewater Treatment Operator (Grade 2M and 4I)
-MassDEP Certified Soil Evaluator
-MassDEP Septic System Inspector
-Certified Wastewater Operator Instructor – California State University

Registrations Registered Professional Engineer (MA -36402, KS - 20418, NH - 13159, RI - 9189)

Education -B.S., Civil Engineering, University of Massachusetts, Dartmouth
-M.S., Civil/Environmental Engineering, Northeastern University
-PhD, Civil/Environmental Engineering, Worcester Polytechnic Institute

Experience As Vice President, Dr. Bates is responsible for operations of the firm as well as industrial and commercial treatment design and permitting and the preparation of engineering design reports, specifications and plans. With more than 20 years of environmental engineering experience, he has assisted industrial clients and public agencies in managing production assets while minimizing the risks associated with industrial activities through pollution prevention, waste minimization and design for the environment.

Dr. Bates has designed and constructed numerous industrial wastewater systems for industrial manufacturing facilities in the United States and abroad. Dr. Bates is a well-respected and sought after technical specialist due to his depth of knowledge in wastewater treatment unit operations and his effectiveness in assessing existing wastewater treatment plants and the design of new wastewater operations. Dr. Bates is a wastewater training expert and has developed numerous MassDEP approved training courses for industrial waste treatment operators. He understands the complexities of wastewater treatment and is able to explain and train operators using practical methodologies.

Prior to joining CAPACCIO, Dr. Bates held positions in the private and public sectors. In the public sector, he served as the DPW Director/Town Engineer responsible for the design, permitting, public bidding and construction-related services for DPW projects. He managed ten full-time union staff and two department head supervisors as well as an operating budget of \$1.2 million and a capital improvement budget of \$15 million for sewer and water infrastructure improvements. In the private sector, Dr. Bates served as the Division Director of a publicly traded environmental consulting firm and was responsible for system design, environmental permitting, industrial wastewater characterizations, treatability studies, treatment system evaluations and construction-related services for municipal, commercial and industrial clients including several Fortune 100 companies. Dr. Bates assisted numerous clients in their return to compliance as the result of regulatory notices of noncompliance and administrative consent orders from the MWRA, MassDEP and EPA.

Memberships -National Society of Professional Engineers / Metro Chapter
-American Society of Civil Engineers (ASCE) /Boston Society of Civil Engineers
-New England Healthcare Engineers Society (NEHES)
-Water Environment Federation (WEF)/New England Water Environment Association (NEWEA)
-American Water Works Association (AWWA)

Awards Young Engineer of the Year award by the Massachusetts Society of Professional Engineers, 1998



293 Boston Post Road West
Marlborough, MA 01752
T: 508-970-0033 o F: 508-970-0028

www.capaccio.com - www.ems-hsms.com

