



ROBERT M. STEIN, P.E., BCEE

EDUCATION:

M.S., Environmental Engineering, Vanderbilt University, 1971
B.E., Civil Engineering, Memphis State University, 1969
B.A., Applied Sciences, Memphis State University, 1968

PROFESSIONAL LICENSES:

Professional Engineer, 1975 Wastewater Treatment Plant Operator, Grade IV

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS:

Technical Association of the Pulp and Paper Industry (TAPPI), Vice Chairman of Water Quality Committee
Water Pollution Control Federation
American Water Works Association

OTHER PROFESSIONAL ACHIEVEMENTS AND AWARDS:

F.W. Kellogg Award, Memphis State University
TAPPI - Roy F. Weston Award

CURRENT PROFESSIONAL INVOLVEMENT: 2010 - present, AquAeTer, Sr. Consultant

Mr. Stein, former president of AWARE Environmental is now a Senior Consultant with AquAeTer. Mr. Stein has worked with AquAeTer for many years as a senior advisor and partnering consultant. With over 40 years of experience in water quality and wastewater consulting, Mr. Stein has considerable experience in all phases of environmental control for both municipal and industrial facilities. Mr. Stein has extensive experience in the pulp and paper industry. This includes in-mill environmental audits, design of grass roots treatment facilities, odor control programs, treatment plant optimization, biomonitoring, stormwater monitoring, treatment plant start-up, and negotiations with regulatory authorities. Mr. Stein has published a number of papers and presented several courses on environmental control in the pulp and paper industry.

PRIOR PROFESSIONAL INVOLVEMENT:

1988-2010 AWARE Environmental, Inc., President and Senior Consultant
1984-1988 HDR Environmental Technologies, Inc., Director of Process Engineering
1970-1984 AWARE, Inc., Vice President in Charge of Process and Operational Services Division

REPRESENTATIVE PROJECTS:

- Review of water and wastewater treatment plants, design of treatment plant upgrade, Bear Island Paper Company, Ashland, Virginia.
- Biomonitoring of a Paper Mill Wastewater, Stone Container, Coshocton, Ohio
- Alternatives for upgrade of an ASB treatment plant, Mead Corporation, Stevenson, Alabama.
- Mill Water Balance and Analysis of Water Quality Requirements, James River Corporation, Parchment, MI.
- Evaluation of a sulfite mill wastewater treatment facility, Flambeau Paper Corporation, Park Falls, Wisconsin.
- Development of wastewater treatment modifications for a mill expansion, Westvaco Corporation, Covington, Virginia.
- Aeration analysis and treatment plant optimization, Boise Cascade, Rumford, Maine.
- BAT investigations for a 2,400-TPD linerboard mill, Great Southern Paper Company, Cedar Springs, Georgia.
- BAT evaluations for upgrading the wastewater management system, Gilman Paper Company, St. Mary's, Georgia.
- Process and operational assessment at a joint municipal/industrial wastewater treatment plant, Erie, Pennsylvania.
- Process and operational evaluation at a combined industrial/municipal treatment plant, Hopewell, Virginia.

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- Wastewater treatability investigations and process design, Westvaco Corporation, Charleston, South Carolina.
 - Aerated lagoon treatment of cold climate pulp and paper mill wastewater, Parsons and Wittemore, Prince Albert, Saskatchewan.
 - Wastewater characterization, process design and start-up assistance, James River Corporation, Kalamazoo, Michigan.
 - Review of water and wastewater treatment plants, design of treatment plant upgrade, Bear Island Paper Company, Ashland, Virginia.
 - Aeration Analysis and treatment plant analysis, Abitibi Bowater, Coosa Pines, Al.