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## W. WESLEY ECKENFELDER, Jr., D.Sc., P.E., D.E.E.

### EDUCATION:

D.Sc. Honorary Doctorate, Manhattan College, Riverdale, New York, 1990  
M.S. Civil Engineering, New York University, Manhattan, New York, 1954  
M.S. Sanitary Engineering, Pennsylvania State University, State College, Pennsylvania 1948  
Post Graduate Studies, Chemical Engineering, North Carolina State University, Raleigh, North Carolina, 1947  
B.C.E., Civil Engineering, Manhattan College, Riverdale, New York, 1946

### PROFESSIONAL LICENSES:

Professional Engineer: Texas

### PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS:

Water Environmental Federation (HON)  
International Water Association (HON)  
American Institute of Chemical Engineers (AIChE)  
American Society of Civil Engineers (ASCE)  
American Academy of Environmental Engineers (AAEE)

### OTHER PROFESSIONAL ACHIEVEMENTS:

KAPPE Lecturer – AAEE – 2000  
Delegation leader, Citizen Ambassador Program in Water Quality to South Africa, 1996  
Served as president and founding member of the International Association for Water Pollution Research, 1962  
Recipient – Gordon Maskew Fair Award, AAEE – 1999  
Recipient of the Lawrence K. Cecil Award given by AIChE, 1996

#### Books (Most Recent)

*Industrial Water Pollution Control* (1999)  
*Water Pollution Control* (1999)  
*Developing Industrial Water Pollution Control Programs: A Primer* (1997)  
*Activated Sludge Treatment of Industrial Wastewaters* (1995)  
*Toxicity Reduction in Industrial Effluents* (1989)  
*Design for the Eighties* (1981)  
*Sludge Treatment* (1981)  
*Application of Adsorption to Wastewater Treatment* (1981)  
Who's Who in America  
Who's Who in Engineering  
Who's Who in the Frontiers of Science and Technology

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### CURRENT PROFESSIONAL INVOLVEMENT: 2004 – present, **AquAeTer**, Technical Director

Dr. Eckenfelder provides Technical Direction and management of wastewater related projects at **AquAeTer**. These projects include process evaluation and design, independent review of designs, and optimization upgrades. Dr. Eckenfelder is recognized as one of the world's foremost authorities on wastewater treatment and industrial water quality management, and has been responsible for the development of many wastewater treatment processes and design principles used around the world. During the course of his career, Dr. Eckenfelder has authored 24 books and over 200 scientific and technical papers. He has conducted advanced technical workshops worldwide to over 10,000 professionals.

### PRIOR PROFESSIONAL INVOLVEMENT:

1970 - 2004 Aware, Inc., Eckenfelder, Inc., Brown and Caldwell, Nashville, TN

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### AREAS OF EXPERTISE:

Wastewater System Evaluation and Optimization	Treatment Plant Capacity Analysis
3 <sup>rd</sup> Party Design Reviews	Treatability Investigations
Biological Treatment Process Modeling	Treatment of Volatile Organics
Nutrient Removal	Wastewater Workshops/Seminars
Physical/Chemical Treatment Analysis	

### KEY CLIENTS AND INDUSTRIES:

<u>Industrial</u>	Iron and Steel	Rubber
Battery	Meat Packing	Paint
Boiler/Power Generation	Machine Manufacturing	
Brewery	Organic/Inorganic Chemicals	<u>Government/Municipal</u>
Electric Utilities	Pulp and Paper	POTWs
Electroplating/Metal	Refinery/Petrochemicals	USEPA
Finishing	Specialty Chemicals	Regional Authorities
Foods/Flavors/Fragrances	Textiles	State Environmental Agencies
	Pharmaceuticals	