



# William E. Chesney, P.E.

Staff Consultant



Sheppard T. Powell  
Associates, LLC

## EXPERIENCE

### *Staff Consultant*

1998-Present

### *Associate*

1969-1997

### *Senior Engineer*

1963-1968

## EDUCATION

### *University Of Maryland*

B.S. Biological Sciences

### *The Johns Hopkins University*

Graduate Studies - Department  
Of Sanitary Engineering

## MEMBERSHIPS

American Institute Of Chemists  
American Society For Testing  
And Materials

American Water Works  
Association

New York Academy Of  
Sciences

Engineering Society Of  
Baltimore

Water Environment Federation

Mr. Chesney's major areas of work experience have pertained to aspects of industrial and commercial cooling water systems with emphasis on definition and control of biological and corrosion problems. He has developed and applied methods for chemically cleaning industrial cooling water systems. Mr. Chesney also has been involved in the design and startup of several major industrial wastewater treatment plants. Current projects include investigating corrosion mechanisms in "high-rise" building cooling systems and developing methodologies for control. He is also experienced in defining power plant condenser corrosion problems, including metallurgy and water quality factors, and developing remedial measures. Other areas of expertise include primary water treatment, potable water supplies, wastewater treatment and cooling water disinfection practices.

Prior to joining Sheppard T. Powell Associates, LLC, he was Director of Laboratories for The Baltimore Division of Foster D. Snell, Incorporated, consulting chemists and engineers in New York City. Mr. Chesney also was employed by the Institute for Cooperative Research of The Johns Hopkins University. Before joining Johns Hopkins, Mr. Chesney was a member of the Research and Development Staff of the United States Industrial Chemical Company in Baltimore.

Mr. Chesney is a former member of the State of Maryland Chlorine Residual Control Committee and has acted as instructor in the field of industrial wastewater treatment for the Engineering Society Of Baltimore. He was a contributor to the American Society For Testing And Materials Power Plant Water Analysis Manual.

Mr. Chesney coauthored "The Use Of Irrigation Water In The United States" (The Johns Hopkins University, 1958) and the *Manual On Chemical Cleaning Of Fossil-Fueled Steam Generation Equipment* (Electric Power Research Institute, (EPRI) 1993). Also, he has written a number of technical papers, including "Treatment For Building Cooling Water Systems in Manhattan", presented at the Building Owners and Management Association's (BOMA) meeting in New York City, June 1989.