
David A. Jacobsen, P.E. (Retired)

After over 45 years of experience in the field of civil engineering, Dave retired in February 2012. Dave remains in close contact with Amory Engineers and is available as a consultant to Amory Engineers.

PROFESSIONAL EXPERIENCE

Principal-in-charge and project manager for water system evaluations and design and construction oversight of water supply, treatment, distribution and storage facilities, including:

- Preparation of water resources and distribution system master plans.
- Supply evaluation and development.
- Water facilities design.
- Water treatment and hydraulic analyses including computer modeling.

He has served on various technical and waterworks education committees and has presented seminars on various waterworks topics for the Massachusetts Water Works Association.

Amory Engineers, P.C.

Duxbury, MA

Vice-President

1975 - 2012

- Specializing in all phases of water works projects and conservation management.

Metcalf & Eddy, Engineers

Boston, MA

Project Engineer

1972 - 1975

- Directly responsible for water resources and distribution system reports and design of waterworks projects, including pipelines, pumping stations, treatment and storage facilities and advice on water quality.

Engineer

1966 - 1972

- Involved in water resources and distribution systems for various state, regional and municipal agencies, including:
 - Field-testing and use of computer techniques for modeling distribution systems
 - Preparation of contract documents
 - Field inspection for water mains, pumping stations, treatment works, and supply and distribution storage.

Hartford Metropolitan District

Hartford, CT

Assistant Engineer and Draftsman

1965 - 1966

- Provided preparation of building layout and design of distribution system storage tanks and transmission mains.

EDUCATION

Tufts University, Medford, MA

Bachelor of Science, Civil Engineering (1967)

REGISTRATIONS

Professional Engineer

- Maine
- Massachusetts
- Connecticut

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PROFESSIONAL AFFILIATIONS

- American Water Works Association
- National Ground Water Association
- New England Water Works Association
- Massachusetts Water Works Association (Past President)

AWARDS

- Massachusetts Water Works Association –
 - William A. McGuinness Award for outstanding service to the Association
 - Special Achievement Award
 - Harold Fletcher Award for commitment to continuing education
 - Past President’s Award for Service as President of the Association
- New England Waterworks Association –
 - Past President’s Award for authorship of meritorious paper in NEWWA Journal

TECHNICAL COMMITTEES

- NEWWA Committee on Wells
- AWWA Committee on Gate Valves and Swing Check Valves
- Mass DEP Groundwater Advisory Committee
- MWWA Education Committee, Finance Committee

PUBLICATIONS

- “Lime Treatment in Easton, Massachusetts Case Study” – NEWWA Journal, June 1994
- “Iron and Manganese Removal by Membrane Filtration” – NEWWA Journal, March 2003