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# Walter Amory, P.E. (Retired)

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After a career of over 60 years in the civil engineering field Walter Amory retired at the end of 2010. A registered professional engineer in ten states, Walter was a member of the Massachusetts, New England and American Water Works Associations, a past president of New England Water Works Association and author of twelve papers for water works publications. Walter started Amory Engineers in 1973 to offer consulting services to New England clients. Amory Engineers is forever grateful for the standard of excellence and work ethic he set in guiding the company.

## PROFESSIONAL EXPERIENCE

- Over sixty years of experience in the field of civil engineering.
- Responsible for a wide variety of projects performed by the firm.
- Served on numerous technical committees for the purpose of improving waterworks standards.
- Involved extensively with monitoring conformance of subdivision development with appropriate regulations.

**Amory Engineers, P.C.** Duxbury, MA  
*President* 1973 - 2010

**Metcalf & Eddy, Inc.** Boston, MA  
*Vice President and Director of Water Division* 1972 - 1973

*Project Manager* 1965 - 1972

- Supervised work performed by project engineers in public water supply engineering.

*Project Engineer* 1956 - 1965

- Directed investigations, reports, design engineering, construction services and operating advice for public water supply systems throughout New England, as well as in many other parts of the U.S. This work related to:
  - Dams and Reservoirs
  - Water Treatment Plants
  - Groundwater Supplies
  - Pumping and Transmission Facilities
  - Distribution Systems

*Assistant Structural Engineer* 1954 - 1956

- Supervised structural design and drafting for sewage treatment plants and water and sewage pumping stations.

**Nichols, Norton & Zaldastani** Boston, MA  
*Structural Designer* 1953 - 1954

- Supervised structural design and drafting for churches, schools and other public buildings.

**U. S. Navy** 1951 - 1953

**Jackson & Moreland, Engineers** Boston, MA  
*Senior Draftsman and Structural Designer* 1947 - 1951

- Performed structural design, checking, and supervision of drafting for power generating stations.

**U. S. Navy** 1945 - 1946

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## EDUCATION

**Harvard College**, Cambridge, MA  
Bachelor of Arts, Engineering Sciences (1945)

**Harvard Graduate School of Engineering**, Cambridge, MA  
Master of Science, Civil Engineering, (1947)

## REGISTRATIONS

Professional Engineer

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|-----------------|------------------|------------|-----------------|
| ▪ Massachusetts | ▪ Connecticut    | ▪ Maine    | ▪ New Hampshire |
| ▪ Rhode Island  | ▪ Vermont        | ▪ Delaware | ▪ New York      |
| ▪ Iowa          | ▪ North Carolina |            |                 |

## PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers (Fellow)
- American Water Works Association
- New England Water Works Association (Past President, Honorary Member)
- Massachusetts Water Works Association
- Plymouth County Waterworks Association
- Diplomat, American Academy of Environmental Engineers

## SERVICE ON FOLLOWING TECHNICAL COMMITTEES

- AWWA Standards Council
- AWWA Distribution Division
- AWWA Committee on Vertical Turbine Pumps
- AWWA Committee on Steel Pipe
- American National Standards Committee on Cast Iron Pipe (Chairman)
- Massachusetts DEP Water Management Advisory Committee

## AWARDS

- AWWA Fuller Award

## PUBLICATIONS

- "Water System Improvements for Pittsfield, Massachusetts" - NEWWA Journal, September 1962
- "Presque Isle Water Treatment Plant" - Maine Water Utilities Association Journal, November 1962
- "Recent Water System Improvements in Clinton, Massachusetts" - NEWWA Journal, December 1965
- "New Pumping and Treatment Facilities for the Augusta Water District" - MWUA Journal, January 1970
- "Safety and Temperature Considerations for Water Pipelines in Utility Tunnels" - 1971 Proceedings of the Engineering Foundation Conference, APWA
- "Polyethylene Encasement for Cast Iron Pipe" - AWWA Journal, May 1976
- "Peak Demands: Planning is Prescribed" - Water and Wastes Engineering Magazine, November 1973
- "A New Standard for Flanged Iron Pipe" - AWWA, June 1975
- "Thoughts on Water Storage Tanks" - NEWWA Journal, March 1978
- "The Consultant in Our Future" - NEWWA Journal, December 1985
- "Master Water Plan: A Useful Management Tool" - NEWWA Journal, June 1993