

Effective Leakage and Pressure Management eLearning course

OUTLINE / COURSE DESCRIPTION

.2 CEUs/2 PDHs/2 Contact Hours

Course participants will learn about the harmful impacts of leakage on system operations and the excessive costs it creates. The rapidly advancing technologies of proactive leakage control and pressure management are giving water utilities the tools they need to keep leakage contained. It is critical that water utilities control leakage in their water distribution systems and this course provides detailed guidance on this activity.

LEARNING OBJECTIVES

- Explain how leakage occurs in water distribution systems and the problems leakage causes
- Describe how leakage imparts direct and indirect costs on water utility operations
- Define proactive leakage management and its key activities
- Identify the ways to detect leaks and pinpoint them
- Assess your system's pressure levels and potential for improved pressure management
- Determine the best actions to cost-effectively monitor and control leakage in your system

COURSE REGISTRATIONS FOR YTD 8/28/24: 43

DEVELOPMENT AUTHOR / SPEAKER BIO

George Kunkel provides expert services on the technologies, policies and regulatory developments for effective water loss control in drinking water utilities. My services include consulting and training for water utilities, regulatory agencies, and other water stakeholders seeking water efficiency improvements. These services help water utilities to control leakage losses that waste water and energy resources; and allow water utilities to maximize their revenues by better controlling apparent losses from customer water meter inaccuracies, unauthorized consumption, and customer billing system errors.

He draws on experience of over 35 years with a large US water utility where I employed an award-winning water loss control program. I have been the pacesetter in the industry by promoting innovative approaches in water loss control. I am the technical editor of the leading guidance manual: "Water Audits and Loss Control Programs", published by the American Water Works Association (AWWA). I also conceived, and am a co-author, of the leading software used for auditing utility water supplies: the "AWWA Free Water Audit Software". I am also co-author of the McGraw-Hill book "Water Loss Control".