

**Course Title:** Watermain Breaks and Repairs

**Contact Hours:** 7.0

**CEU Value:** 0.7

**Course Description:**

This course is designed to teach operators the various types of watermain breaks and the methods of leak detection. Participants will develop a plan for the detection, public notification, isolation, safe excavation, watermain repair, disinfection, flushing, pressure testing, bacteriological sampling, documenting, and returning the watermain to service.

**Areas of study include:**

- Introduction to leak detection
- Leak detection techniques
- Leak detection procedure
- Causes of pipe failure
- The repair
- Repair material
- Disinfection and sampling

**Target Audience:**

This one-day course is designed to target an audience of water distribution operators and supervisors.