

# CEUs - CONTINUING EDUCATION UNITS

## Water Leak Detection

[ 1 DAY INSTRUCTION ]

### COURSE OVERVIEW

The economic benefits of leak detection and repair can be easily estimated. For an individual leak, the amount lost in a given period of **one** time, multiplied by the retail value of that water will provide a dollar amount. Leakage occurs in different components of the distribution system: transmission pipes, distribution pipes, service connection pipes, joints, valves, and fire hydrants. Causes of leaks include corrosion, material defects, faulty installation, excessive water pressure, water hammer, ground movement due to drought or freezing, and excessive loads and vibration from road traffic. Various methods of detecting water distribution system leaks will be investigated.

### COURSE OUTLINE

- Types and causes of leaks.
- Leak detection and repair strategies (including acoustic theory).
- Causes and implications of leakage.
- Appendices.
- Quiz.

### PREREQUISITE

Open.

### TARGET AUDIENCE

Water works operators and maintenance personnel, utilities staff and supervisors.

[Click here to download the KCE registration form.](#)

### DATE

TBD

### TIME

8:30 am to 4:00 pm

### LOCATION

TBD

### COURSE DURATION

1 day

### DIRECTOR APPROVED CEUs

0.7

### COST

\$300.00 + \$39.00 = \$339.00

### TRAINER

James Haskell



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