# CEUS - CONTINUING EDUCATION UNITS

## Distribution Swabbing

[ 2 DAYS INSTRUCTION ]

#### **COURSE OVERVIEW**

Common water quality problems that can occur in distribution systems can be categorized as biological (at the micro and macro levels), chemical/physical, and aesthetic. Many utilities have found that a program of regular mains cleaning to remove loose deposits and animal infestations has been of great assistance in maintaining water quality in distribution. A range of activities and solutions may be available, such as simple flushing of selected pipe lengths, swabbing, relining pipes with either structural or non-structural linings and mains renewal.

#### **COURSE OUTLINE**

- Rationale: background, biological problems, chemical / physical problems, aesthetic problems, benefits, and risks.
- Maintenance and survey of pipes: sanitary significance, strategies for pipe networks, planning mains cleaning programs, monitoring effectiveness of mains cleaning, summary.
- Work description: what needs to be done, how to do the work, applications and limitations, appendices.

#### **PREREQUISITE**

Open.

#### TARGET AUDIENCE

Water utility field staff, water utility construction inspectors, and water design personnel.

### DOWNLOAD THE KCE REGISTRATION FORM FROM OUR HOMEPAGE.

DATE

TBD

TIME

8:30 am to 4:00 pm

**LOCATION** 

**TBD** 

FAX

807-223-8426

E-MAIL

info@watertraining.ca

**WEB SITE** 

www.watertraining.ca



**COURSE DURATION** 

2 days

TIME

8:30 am to 4:30 pm

**DIRECTOR APPROVED CEUS** 

1.4

**TRAINER** 

Jim Haskell

COST

\$600.00 + \$78.00 HST = \$678.00