

# CEUs - CONTINUING EDUCATION UNITS

## Lagoon Systems

[ 2 DAYS INSTRUCTION ]

### COURSE OVERVIEW

This course provides guidance to wastewater operators on the recommended procedures and practices for operating lagoon systems. Lagoons are especially well suited to small communities because they can cost less to construct, operate, and are simpler to maintain than other systems.

### COURSE OUTLINE

- General: overview, expected benefits, risks.
- Work Description: fundamentals, types, design, performance, monitoring
- Design and Operation Considerations: facilities, instrumentation, equipment, types of pond operations, handling excess flows, total suspended solids, BOD, seasonal operations, maintenance of lagoons, monitoring of lagoons.
- Lagoon Microbiology: bacteria, organisms, protozoans.
- Nitrification Basics: the nitrogen cycle.
- Applications and Limitations.
- Troubleshooting Lagoon systems: the critical 5, common lagoon problems.
- Appendices: fact sheets, provincial policy statement, technical briefs.

### PREREQUISITE

Open.

### TARGET AUDIENCE

Wastewater utility field staff, wastewater utility construction inspectors, and wastewater system design personnel.

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

### DATE

TBD

### TIME

8:30 am to 4:00 pm

### LOCATION

TBD

### PHONE

807-737-1135 x4000

877-737-5638 x4000

### FAX

807-223-8426

### E-MAIL

[info@watertraining.ca](mailto:info@watertraining.ca)

### WEB SITE

[www.watertraining.ca](http://www.watertraining.ca)



### COURSE DURATION

2 days

### DIRECTOR APPROVED CEUs

1.2

### TRAINER

Jim Haskell

### COST

