

# CERTIFICATION

## Wastewater Collection and Treatment I-II

### COURSE OVERVIEW

This purpose of this course is to provide operators of wastewater collection and treatment systems with the knowledge required to successfully operate and maintain community facilities, and successfully challenge provincial certification exams.

### COURSE OUTLINE

🔵 Legislation 🔵 Wastewater fundamentals (bacteriology, sampling, lab safety, confined space, lift stations, force mains and sewer mains). 🔵 Preliminary and primary treatment (flow measurement, preliminary treatment, primary treatment). 🔵 Secondary treatment (secondary treatment process, activated sludge process, process control tests). 🔵 Solids handling and waste stabilization ponds (sources of solids, digestion, waste stabilization ponds / lagoons, types of ponds). 🔵 Disinfection (disinfection and chlorination, sodium hypochlorite, chlorine, ozonation, radiation disinfection (UV)). 🔵 Electrical / maintenance (electrical theory, safety, pump theory, valves, preventive maintenance). 🔵 Basic wastewater collection (collection system operations, pumping stations, hydraulics, piping, valves, distribution system maintenance).

### PREREQUISITE

Class I requires OIT.

### TARGET AUDIENCE

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

[Download the KCE registration.](#)

[Download the MOE exam form.](#)

[Download the OWWCO Acknowledgement.](#)

### DATE

May 30-June 3, 2016

### TIME

8:30 am to 4:00 pm

### LOCATION

Keewaytinook Centre of Excellence, 209-100 Casimir Avenue, Dryden, ON P8N 3L4

### COURSE DURATION

4 days + 1 exam day

### DIRECTOR APPROVED CEUs

2.6

### COST

\$1000.00 + \$130 HST = \$1130

### TRAINER

TBA



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