

## Winter/Spring 2018 Training

# Wastewater Operator School

Meets Every-Other Thursday  
January 18 thru June 21, 2018  
Various Southern Maine Treatment Facilities  
8:00 a.m. - 3:30 p.m.  
Sign-in begins at 7:30 a.m.



In response to operator requests for more comprehensive wastewater education, this multi-week program was developed for beginner and intermediate operators.

This 6-month, 12-session Wastewater Operator Training School will give in-depth training to entry level operators, technicians, and other personnel seeking to increase their understanding of biological wastewater treatment concepts.

Beginning January 2018, classes will meet every other week at varying southern Maine treatment facilities. Instruction will be led by industry consultants and professionals drawn from agencies and municipalities. JETCC will supply training materials, including a manual designed specifically for this course. Students will be expected to attend all classes and may receive short homework assignments between sessions.

Wastewater Operator School offers an excellent opportunity for students to increase their understanding of biological wastewater treatment concepts, gain new perspectives and explore issues they may be facing at their plant. It also offers an excellent opportunity for facilities wanting to cross train their personnel.

**Instructors:** Judy Bruenjes, Maine DEP  
Scott Firmin, Portland Water Dist.  
others TBA

**Cost:** \$850 (lunches not included)

**Credits:** 72 Training Contact Hours  
Approved for  
Wastewater Operators

**Course #:** J1816  
Registration Deadline 1/11/18

## Registration Form

Course Title \_\_\_\_\_ Course # \_\_\_\_\_

Your Name \_\_\_\_\_

Company/Facility \_\_\_\_\_

Street \_\_\_\_\_

City/Town \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_

E-mail \_\_\_\_\_

WW Operator # \_\_\_\_\_ DW Operator # \_\_\_\_\_

Indicate method of payment

Amount Enclosed \$ \_\_\_\_\_

Check No. \_\_\_\_\_  or PO No. \_\_\_\_\_  or Credit Card \_\_\_\_\_

Credit Card # \_\_\_\_\_

3-digit code \_\_\_\_\_ Expiration \_\_\_\_\_

located on back of card

Name on Card \_\_\_\_\_

Signature Required \_\_\_\_\_ Date \_\_\_\_\_

### Mail Form and Payment to:

**JETCC, 584 Main Street, ME 04106**

**Or fax with a purchase order to: (207) 771-9028 or call (207) 253-8020**

**PLEASE NOTE:** Enrollment is on a first-come, first-served basis, so please return your application as soon as possible. Due to limited classroom space and the popularity of certain subjects, we often reach capacity. We appreciate you taking time to notify us if you cannot attend a course for which you have registered. This makes a big difference to someone else who requires the training.

### THANK YOU!

• **Checks/Money Orders:** Should be made payable to "JETCC Training."

• **Returned Check Policy:** There is a \$15.00 fee for checks returned due to insufficient funds.

• **Registration Deadline:** Please note registration deadline above. Registrations after this time will incur a \$15 late fee.

• **Cancellations/No Shows:** Seven days notice is required IN WRITING (mailed or faxed) for you to cancel at no cost. Cancellations received after this time will be charged \$25 for programs under \$100 and \$50 for programs over \$100. Registrants who do not cancel or who fail to show are responsible for full payment.

• **Credits:** Participants must attend ALL hours of training to be eligible for Training Contact Hours. TCHs are awarded upon completion of a course. The certificates are mailed to participants.

• **Use one form per course.** Photocopy this page to apply for multiple courses.

# Wastewater Operator School

A 6-month, 12-session school designed to give in-depth training for entry level operators, technicians, and those interested in learning about the wastewater field.



## About JETCC:

The Joint Environmental Training Coordinating Committee (JETCC) was established in 1985 to coordinate training that meets the needs of Maine's environmental professionals. Our primary focus is wastewater treatment and water quality protection.

Our instructors are experts in their field such as professional trainers, water pollution control professionals, representatives from equipment and supply manufacturers, Maine Department of Environmental Protection (MEDEP) staff, municipal leaders and officials, and employees of engineering and consulting firms.

Maine JETCC is managed by the New England Interstate Water Pollution Control Commission (NEIWPCC) through a contract with the MEDEP.

## JETCC's Mission:

To help protect the environment, public health, and quality of life in Maine by coordinating affordable, high quality training that meets the needs of water pollution control personnel and other environmental professionals throughout the state.

Maine JETCC  
584 Main Street  
South Portland, ME 04106

Phone: 207-253-8020  
Fax: 207-771-9028  
E-mail: [info@neiwppc-jetcc.org](mailto:info@neiwppc-jetcc.org)  
Website: [www.jetcc.org](http://www.jetcc.org)

# Wastewater Operator School



**Maine Joint Environmental Training Coordinating Committee**  
Coordinating training to meet the educational needs of environmental professionals in Maine.



## Wastewater Operator School (WOS)

This 6-month, 12-session school is designed to give in-depth training to entry level operators, technicians, and others seeking to increase their understanding of biological wastewater treatment concepts. Includes demonstrations, treatment plant tours, applied wastewater math, and practice questions to help understand concepts and prepare for certification exams.

### Starts January 2018

Beginning January 18, 2018, classes will meet every other week at varying southern Maine treatment facilities. Instruction will be led by industry professionals drawn from agencies and municipalities. JETCC will supply training materials, including a manual and handouts designed specifically for this course. Students will be expected to attend all classes and complete short homework assignments between sessions.

This new Operator's School offers an excellent opportunity for students to increase their understanding of biological wastewater treatment concepts, gain new perspectives and explore issues faced by treatment facilities.

Class Date	Topic	Meeting in
1/18/18	MEPDES Permits, Operator Certification, Sampling, Chain of Custody, Applied Math	Portland
2/1/18	System Overview, Intro to Microbiology, Lab Demos	Portland
2/15/18	Preliminary Treatment, Headworks	Portland
3/1/18	Primary & Secondary Clarifiers, Lab Overview, Plant Tour	Portland
3/15/18	Activated Sludge Process Control, Filament ID	Portland
3/29/18	Activated Sludge Operations, Influent Schemes	Portland
4/12/18	Fixed Film, Ponds & Lagoons, Workplace Safety, Plant Tour	Brunswick
4/26/18	Collection Systems, Pumps, Workplace Safety	Portland
5/10/18	Solids Handling	Lewiston
5/24/18	Disinfection, SCADA	Portland
6/7/18	Lab Tests & MEPDES Reporting	Portland
6/21/18	Nitrification/Denitrification, Hands-on Testing	Portland

**Meets Every-Other Thursday**

**January 18 thru June 21, 2018**

**8:00 a.m.—3:30 p.m.**

**Cost: \$850 (lunch not included)**

**Registration Deadline: January 11, 2018**



## About Operator Certification

Operators are certified through examination. Eligibility to sit for a specific license exam is based on the operator's education and work experience. Exam applications can be found at [www.jetcc.org](http://www.jetcc.org).

Maine wastewater operator exams are offered through Computer-Based Testing (CBT). CBT gives examinees a convenient testing schedule, more opportunities to take the Biological or Physical-Chemical exam, and immediate results upon completion of the exam.

Applied Measurement Professionals (AMP) provides testing services for the exam throughout the year at AMP Assessment Centers in Portland and Holden, Maine, as well as a location in Portsmouth, NH. Exams can be scheduled Monday through Friday, 9:00 AM or 1:30 PM.

There is also a Paper-Based Test (PBT) option twice a year (May and November) in Presque Isle, as needed.