

### Program Registration & Fees:

The operator training program has changed the registration process to an electronic format that facilitates online registration and payment options, including credit cards. This format also allows participants to create and manage their own student records to track class participation and print completion certificates.

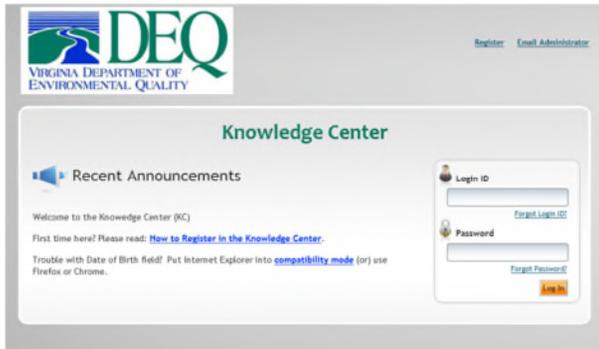
The online method must be used to register for all wastewater operator training workshops. No paper registration forms will be accepted; however payment by check will still be acceptable option.

### Knowledge Center (KC) Registration:

DEQ's Knowledge Center (KC) is an online Learning Management System that can be used by local and federal government officials, private developers, contractors and consultants to enroll in classroom courses, launch online training and access other useful learning resources. Please use only the Internet Explorer browser to access the KC. The browser must be in compatibility mode (see video instruction on the KC).

Before logging on to the KC you will need to create a profile for yourself by registering here:

<https://covkc.virginia.gov/deq/external>



Once a profile has been created and an online ID has been selected you will be granted access to the KC to begin registering for available training workshops.

For additional information regarding the Knowledge Center or the registration process contact the Operator Training Program staff:

### Who should attend:

Managers and lead operators who are responsible for the plants energy management planning and execution will find this program helpful.

### Training Credits:

0.6 training credits will be awarded upon successful completion of the workshop as per the Board for Water works Wastewater works and Onsite Sewage System Professionals regulations.

### Continuing Professional Education (CPE):

One (1) CPE contact hour is awarded for every 50 minutes of training.

### Cancellation:

We reserve the right to cancel any program when there are insufficient registrations. People who register will be notified of the cancellation.

### Additional Information:

For additional program information, contact the Operator Training Program staff:

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# Wastewater Operator Training Programs



Energy Optimization  
Fall 2016

Operator Training and Assistance Program  
Water Division  
Department of Environmental Quality  
P.O. Box 1105  
Richmond, Virginia 23218

# Wastewater Operator Training Program Energy Optimization Workshops: Fall 2016



The Department of Environmental Quality (DEQ) is conducting multiple energy optimization workshops throughout the commonwealth. The purpose of these workshops is to give wastewater treatment plant operators and managers the tools necessary to conduct an energy audit of their facilities. The participants will learn the key components of an energy management plan and why energy optimization is a concern for wastewater operators. To conduct an energy audit the operator must understand the importance of documenting a baseline of energy use for the overall facility and specific equipment along with how to understand the electric bill. The instructors will discuss energy saving measures that may be implemented to save energy and money and may also improve the removal of nitrogen and phosphorus. Hands-on examples will be provided and the participants will learn the math needed to determine what equipment costs to calculate and how to determine approximate cost savings from an energy saving project. How to finance an energy efficient project with the funds saved on energy will also be discussed. The workshop is being provided free of charge in cooperation with the U.S. Environmental Protection Agency (EPA). All workshops will be held from 9:00am – 4:00pm. Lunch is on your own.

## **Locations and Dates:**

Tidewater Regional Office Virginia Beach Virginia October 6, 2016

Southwest Regional Office Abingdon, Virginia October 20, 2016

Piedmont Regional Office Glen Allen, Virginia October 24, 2016

Blue Ridge Regional Office Roanoke, Virginia November 9, 2016