

Program Registration & Fees:

The operator training program uses an electronic registration process 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.

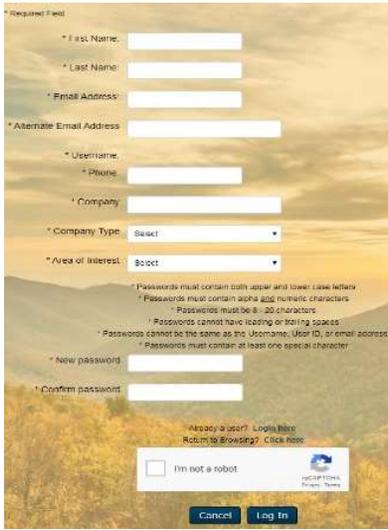
The online method must be used to register for all wastewater operator training workshops. No paper registration forms will be accepted; however payment by check will still be acceptable option.

Environmental Learning Management System (ELMS) Registration:

DEQ's Environmental Learning Management System (ELMS) is an online Learning Management System that can be used to enroll in DEQ classroom courses. If you already have a profile in the Virginia Learning Center (VLC) database, you will need to create a new username and password to register with the ELMS.

In order to create your profile in the ELMS, kindly follow the link below:

<https://vadeq.csod.com/client/vadeq/default.aspx>



The image shows a registration form for the Environmental Learning Management System (ELMS). The form is titled "Required Field" and contains several input fields: First Name, Last Name, Email Address, Alternate Email Address, Username, Phone, Company, Company Type (dropdown menu), and Area of Interest (dropdown menu). Below these fields are password requirements: Passwords must contain both upper and lower case letters, Passwords must contain alpha-numeric characters, Passwords must be 8-20 characters, Passwords cannot have leading or trailing spaces, Passwords cannot be the same as the Username, User ID, or email account, and Passwords must contain at least one special character. There are fields for "New password" and "Confirm password". At the bottom, there is a "Log In" button, a "Log In" link, a "Return to Browser" link, and a "I'm not a robot" checkbox with a CAPTCHA image.

***Once registered in ELMS, a separate link will be sent to register for the webinar and another will be sent for you to order the program manual.**

Program Content:

Current programs have been selected based on identified needs and availability. These programs and others are offered periodically, at different locations, throughout the year. If you would like to receive notification, by email, contact the operator training program staff.

Complete descriptions of the training programs are available upon request.

Program Approval:

Unless otherwise noted, these courses have been approved by the Virginia Board for Waterworks and Wastewater Works Operators and Onsite Sewage System Professionals for training credits. Approved programs can, when applicable, be used as substitution for required operational experience.

Continuing Professional Education (CPE):

Where appropriate, these workshops can be used for continuing professional education (CPE) requirements as defined by the Board. Registrants will typically receive up to 7 contact hours for each full day of completed training and 3.5 contact hours for each ½ day of completed training.

A full day is defined as 8:30 am – 4:30 pm minus 1 hour for lunch. A ½ day is defined as 8:30am – 12 noon (or 1:00pm – 4:30pm).

Additional Information:

For additional program and registration information contact DEQ program staff:

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Wastewater Operator Training Programs



October – December 2020

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

DEQ, Wastewater Operator Training Program List October - December 2020

Course #	Course Name	Dates	Location	Price
DEQ 18	Introduction to Biological Nutrient Removal (BNR)	October 20, 2020 8:30 AM – 4:30 PM	Go to Meeting Format	\$75.00
DEQ 16	VPDES Permit Reporting	October 28, 2020 8:30 PM- 12:30 PM	Go to Meeting Format	\$37.50
DEQ 17	Nutrient General Permit Reporting	October 28, 2020 1:30 PM- 4:30 PM	Go to Meeting Format	\$37.50
DEQ 100	Wastewater Works Operators Licensure Review	November 16-19, 2020 M- W 8:30 AM – 4:30 PM TH. 8:30 AM – 12:30 PM	Go to Meeting Format	\$262.50
DEQ 18	Introduction to Biological Nutrient Removal (BNR)	December 9, 2020 8:30 AM – 4:30 PM	Go to Meeting Format	\$75.00

Course Descriptions:

DEQ 18: Introduction to Biological Nutrient Removal (BNR)

This one (1) day workshop provides an introduction to the principles involved in biological nutrient removal. The focus of the program will be the suspended growth (activated sludge) BNR processes. The program will discuss the basic concepts associated with biological nutrient removal (nitrification, denitrification and biological phosphorus removal). It will identify performance factors, provide typical operating ranges for many of these factors and review various design and operational configurations currently being used for BNR. Managers, operators and operator trainees of BNR activated sludge treatment systems will find this program very helpful.

DEQ 16: VPDES Permit:

This program is designed to review recordkeeping and reporting requirements associated with the Virginia Pollutant Discharge Elimination System (VPDES) permit. The program will include discussions of recordkeeping requirements and the various reporting requirements established in VPDES permits. The program will include hands on exercises in performing required calculations and completing a VPDES monthly discharge monitoring report (DMR). ***This class qualifies for Utility Management CPE contact hours.**

DEQ 17: Nutrient General Permit:

This program is designed to identify reporting requirements associated with the General Permit for Total Nitrogen and Total Phosphorus Discharges in the Chesapeake Bay Watershed. The program will review what reports must be submitted to comply with permit requirements and will focus on the methods and procedures required for completion of the Nutrient General Permit monthly discharge monitoring report (DMR) and Annual Report Form. The program will include hands on exercises in performing required calculations and completing a DMR. ***This class qualifies for Utility Management CPE contact hours.**

DEQ 100: Wastewater Works Operators Licensure Review

This three and one-half day workshop provides a comprehensive overview of the subject matter covered in all classes (Class 4 – 1) of the Associations of Board of Certifications (ABC) Virginia wastewater licensing examinations. The program will focus on the information outlined in the Candidate Information Bulletin (CIB) provided by the exam vendor. The programs do not teach the actual licensing exams, and no actual exam questions are used as examples or in class evaluation processes (quizzes and final exams). However, there will be many examples of practice questions covered during the workshop. Operators and operator trainees of wastewater treatment plants who are planning to take the ABC wastewater works licensing exams will find this program very helpful. ***This class qualifies for Utility Management CPE contact hours.**