

Small Water System Apprenticeship

Overview

The Small Water System Apprenticeship is designed for new hires at small water treatment plants. This one-year program combines education with on-the-job work experience. Upon completion of this program, apprentices will know how to operate and maintain the water system where they are employed and have the skills and knowledge to take the Vermont Water Treatment Certification Exam for Class 2.

Training

Apprentices will receive a variety of trainings to prepare them for water system operations and the certification exam.

On-the-Job Training: The apprentice will work under a mentor at the treatment plant who must commit to providing on-the-job training. Vermont Rural Water will support the apprentice and mentor using the ABC Need-to-Know Criteria, developed by the Association of Boards of Certification, based on skills that will be covered in the water treatment certification exam.

Classroom Training: The type and amount of formal instruction apprentices receive will be tailored to the needs of the water system. Class options include the Small Systems Class 2 Water Operator Certification Course, Class 2 Exam Prep Course, and other classes offered by Vermont Rural Water. All apprentices must take an orientation and OSHA safety training.

Self-Study: Apprentices also have the option to take self-study courses through the Office of Water Programs: *Small Water Systems Operation and Maintenance; Water Treatment Plant Operations, Volume 1*. These six-month courses involve reading a textbook, answering review questions for each chapter, and taking an exam at the end. These courses are eligible for college credit.

It is recommended that apprentices who choose not to take these courses still read the textbooks to study for the exam.

Tours: The certification exam requires operators to know about many types of water treatment processes, including those that you do not have at your facility. It is encouraged that apprentices visit other water treatment plants with different processes to better understand different treatment processes.

Support

Vermont Rural Water's apprenticeship coordinator will provide support to apprentices and systems throughout the program. This includes orientation, guidance for on-the-job training, check-ins, quarterly evaluations, and coordination of training classes.

Cost

The cost of participating in the apprenticeship program is \$1,500, paid by the water system. This cost covers training classes, textbooks, and support for one year. It does not include the certification exam or any elective classes the apprentice chooses to take.

Summary

Apprenticeship length: 1 year

Registered with DOL: No

Position: Flexible

Training required: Flexible

Cost: \$1,500

Vermont Rural Water Association will not discriminate against apprenticeship applicants or apprentices based on race, color, religion, national origin, sex (including pregnancy and gender identity), sexual orientation, genetic information, or because they are an individual with a disability or a person 40 years old or older. Vermont Rural Water Association will take affirmative action to provide equal opportunity in apprenticeship and will operate the apprenticeship program as required under Title 29 of the Code of Federal Regulations, part 30.