



# Design Considerations in Aquatic Engineering

## Course Objectives

- I. At the end of this program, participants will have an increased awareness of aquatic programming diversity and be able to recognize the programming needs of a given environment.
- II. At the end of this program, participants will be able to identify the significant limiting factors and determinants in aquatic design and construction.
- III. Throughout this program, participants will become familiar with Department of Health codes for their state and be able to locate specific information needed to complete DOH submissions
- IV. At the end of this program, participants will be able to recognize and discuss the design considerations resulting from the Virginia Graeme Baker Act and using the course worksheet, calculate the velocity of water through a grate.