



## COMMUNITY WATER SYSTEMS | STANDARD ALIGNMENTS

### Common Core Math & ELA

5.MD.A.1

*Convert among different-sized standard measurement units within a given measurement system and use these conversions in solving multi-step, real world problems.*

5.MD.C.3

*Recognize volume as an attribute of solid figures and understand concepts of volume measurement.*

5.MD.C.4

*Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units.*

5.MD.C.5

*Relate volume to the operations of multiplication and addition and solve real world and mathematical problems involving volume.*

5.NF.B.6

*Solve real world problems involving multiplication of fractions and mixed numbers, e.g., by using visual fraction models or equations to represent the problem.*

### Next Generation Science Standards

5-ESS2-2

*Describe and graph the amounts and percentages of water and fresh water in various reservoirs to provide evidence about the distribution of water on Earth*

5-ESS3-1

*Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment.*

### Massachusetts Comprehensive Health Curriculum

13.1

*Describe types of natural resources and their connection with health.*

13.2

*Describe how business, industry, and individuals can work cooperatively to solve ecological health problems, such as conserving natural resources and decreasing pollution*

13.4

*Identify individual and community responsibility in ecological health*

*13.5: Evaluate solutions generated by science, technology/engineering, and individuals regarding ecological health problems (such as energy use, water use, waste disposal, and food shortage)*

14.2

*Identify ways the physical environment is related to individual and community health.*

