

Training Evaluation Request
Oregon Environmental Services Advisory Council
Watura
Water Storage

Course title: Water Storage

Drinking Water CEUs: 1.0 h

Wastewater CEUs: 0 h

Instructor bio: **Maelle LIMOUZIN** is a Water Resources and Environmental Engineer who studied at UT Austin. She spent 10 years working in a consulting company for drinking water and wastewater public utilities and 3 years in a company that manages drinking water and wastewater facilities. Currently, she uses her technical expertise and experience to train public and private organizations in managing their drinking water and wastewater systems.

Course description: Water storage tanks are essential for ensuring safe, reliable, and continuous water supply in any distribution system. They balance supply and demand, provide emergency reserves, support fire protection, and help maintain system pressure. This course explains how different types of storage facilities—ground-level reservoirs, standpipes, and elevated tanks—work and the equipment that keeps them safe and efficient. You will learn how to determine storage capacity needs, prevent water quality problems, perform inspections and maintenance, and prepare for emergencies and natural disasters.

Learning goals:

- Explain the role and importance of water storage in a distribution system
- Identify and describe different types of storage facilities and their key components
- Operate and maintain storage tanks

Tracking attendance method:

The e-learning platform offers a highly interactive experience designed to engage learners at every stage. It begins with an initial test to assess knowledge and tailor the learning journey. The course includes short, focused videos interspersed with mandatory training quizzes that reinforce key concepts and ensure active participation. Students are required to watch every video entirely and to answer practice questions before advancing to the next course module. Students cannot skip course content. A final quiz at the end of each chapter evaluates overall comprehension and certifies the learner's mastery of the material. Students must obtain a minimum score of 70% for every chapter's final quiz to successfully complete the course and obtain the certificate of attendance. The platform automatically tracks each learner's learning time. The real learning time is indicated alongside the delivered credits in the course completion certificate.

Course outline: Water Storage

Initial Test		8 min
1. Water Storage	1.1. Course Overview	1 min
	1.2. Purposes of Water Storage	5 min
	1.3. Storage Facility Types and Equipment	5 min
	1.4. Activity - Types of Storage Tanks	1 min
	1.5. Activity - Components of a Storage Tank	1 min
	1.6. Determining Storage Capacity Requirements	5 min
	1.7. Common Water Quality Issues in Storage	5 min
	1.8. Inspections and Maintenance of Storage Tanks	6 min
	1.9. Preparing for Emergencies and Natural Disasters	6 min
	1.10. Course Glossary	2 min
	1.11. Chapter 1 - Fact Sheets	5 min
Chapter final test		10 min
Total Learning Time		60 min
Requested Contact Hours		1.0 h