

Training Evaluation Request
Oregon Environmental Services Advisory Council
Watura
Additional Treatments in Drinking Water

Course title: Additional Treatments in Drinking Water

Drinking Water CEUs: 1.5 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: Additional treatment processes such as lime softening, corrosion control, fluoridation, and iron and manganese treatment are used to address the specific challenges of each water source. In other cases, specialized treatment processes such as activated carbon treatment, membrane filtration, ion exchange, and PFAS removal are used. This course explores how these processes are selected and used to meet local conditions and applicable regulations, ensuring safe and high-quality drinking water for all consumers.

Learning goals:

- Explain the goal of additional treatment
- Describe the main functions of each type of additional and specialized treatment

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: Additional Treatments in Drinking Water

Initial Test		6 min
1. Additional Treatment Processes	1.1. Course Overview	1 min
	1.2. Additional Treatments in Drinking Water	6 min
	1.3. Lime Softening	6 min
	1.3. Corrosion Control	5 min
	1.4. Fluoridation	6 min
	1.5. Iron and Manganese Treatment	5 min
	1.6. Chapter 1 - Fact Sheets	3 min
	Chapter final test	7 min
2. Specialized Treatment Processes	2.1. Activated Carbon	6 min
	2.2. Membrane Filtration	5 min
	2.3. Ion Exchange	5 min
	2.4. PFAS Treatment	6 min
	2.5. Additional Treatments in Drinking Water - Activity	4 min
	2.6. Course Glossary	5.5 min
	2.5. Chapter 2 - Fact Sheets	3 min
	Chapter final test	7 min
Total Learning Time		86.5 min
Requested Contact Hours		1.5 h