

Training Evaluation Request
Oregon Environmental Services Advisory Council
Watura
Surface Water Sources

Course title: Surface Water Sources

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: Lakes, rivers, and reservoirs provide drinking water for millions—but they also bring challenges. Surface water quality can change quickly due to a range of factors – from storm runoff that carries sediment, to agricultural nutrients that trigger algae blooms, or pollutants that travel long distances through the watershed. This course helps you understand how surface water systems work, what risks they pose, and how to protect them. You’ll explore intake structures, seasonal variations, pollution sources, and strategies to protect water from its source to the treatment plant.

Learning goals:

- Describe how surface water systems work
- Identify the main risks and challenges affecting surface water
- Recognize and describe key strategies used to monitor, protect, and manage surface water sources

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: Surface Water Sources

Initial Test		8 min
1. Surface Water Sources	1.1. Course Overview	1 min
	1.2. Surface Water Sources in the US	6 min
	1.3. Water Cycle and Surface Runoff	5 min
	1.4. Activity - The Water Cycle	1 min
	1.5. Surface Water Contamination	6 min
	1.6. Source Water Protection	5 min
	1.7. Intake Structures	5 min
	1.8. Operating Challenges	6 min
	1.9. Aquatic Species Control	6 min
	1.10. Activity - Aquatic Species	2 min
	1.11. Course Glossary	3 min
	1.12. Chapter 1 - Fact Sheet	3 min
	Chapter final test	10 min
Total Learning Time		67 min
Requested Contact Hours		1.0 h