

**Training Evaluation Request**  
**Oregon Environmental Services Advisory Council**  
**Watura**  
**Operation of Drinking Water Distribution Systems**

**Course title:** Operation of Drinking Water Distribution Systems

**Drinking Water CEUs:** 1.5 h

**Wastewater CEUs:** 0 h

**Instructor bio:** Maelle LIMOUZIN

**Course description:** After describing how water gets from its natural source to the consumer, the components of drinking water distribution systems are described in detail. These include the different types of pipes, pumping systems, fittings, air valves and traps. The parts of the connections, such as metering points and water quality monitoring points in the distribution system, are also described.

**Learning goals:**

- Identify the different stages of water treatment
- Identify the main steps in setting up a construction site and the principle behind laying a pipe
- Describe the different protective devices in a drinking water distribution system
- Identify the components that make up a drinking water distribution system

**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:** Operation of Drinking Water Distribution Systems

<b>Initial Test</b>		10 min
<b>1. Water Path and Components of a Drinking Water Distribution System</b>	1.1. Course Overview	1 min
	1.2. From the Source to the Tap	7 min
	1.3. An Overview of Drinking Water Treatment	7 min
	1.4. Components of a Drinking Water Distribution System	6 min
	1.5. Chapter 1 - Fact Sheets	3 min
	<b>Chapter final test</b>	4 min
<b>2. Structures and Components of a Drinking Water Distribution System</b>	2.1. Pumping Installations	6 min
	2.2. The Functions of Tanks	5 min
	2.3. Choosing the Right Material	4 min
	2.4. Trench Digging and Pipe Laying	7 min
	2.5. Guidelines for Laying Pipes	6 min
	2.6. Valves and Other Fittings	5 min
	2.7. Fire Hydrants	6 min
	2.8. Course Glossary	3 min
	2.9. Chapter 2 - Fact Sheets	3 min
	<b>Chapter final test</b>	8 min
<b>Total Learning Time</b>		91 min
<b>Requested Contact Hours</b>		1.5 h