

Training Evaluation Request
Oregon Environmental Services Advisory Council
Watura
Drinking Water Quality Testing and Monitoring

Course title: Drinking Water Quality Testing and Monitoring

Drinking Water CEUs: 1.0 h

Wastewater CEUs: 0 h

Instructor bio: Maelle LIMOUZIN

Course description: This training course covers essential topics in drinking water quality testing and monitoring. It begins by exploring the significance of waterborne diseases and the importance of US drinking water regulations. The course also highlights the critical concepts of quality assurance and quality control, ensuring safe water delivery. Proper sampling techniques and record-keeping are emphasized for accurate testing, followed by a detailed look at key water quality tests, including chlorine residual, pH, turbidity, nitrates, nitrites, ammonia, and coliform bacteria.

Learning goals:

- Identify the importance of drinking water quality testing and monitoring
- Describe the key components of US drinking water regulations
- Describe the concepts of quality assurance and quality control

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: Drinking Water Quality Testing and Monitoring

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| Initial Test | | 6 min |
| 1. Basics of Water Quality | 1.1. Course overview | 1 min |
| | 1.2. Waterborne Diseases | 4 min |
| | 1.3. US Drinking Water Regulations | 6 min |
| | 1.4. Chapter 1 - Fact Sheets | 2 min |
| | Chapter final test | 4 min |
| 2. Drinking Water Quality Monitoring | 2.1. Drinking Water Quality Monitoring | 5 min |
| | 2.2. Quality Assurance and Quality Control | 6 min |
| | 2.3. Chapter 2 - Fact Sheets | 2 min |
| | Chapter final test | 4 min |
| 3. Drinking Water Quality Testing | 3.1. Drinking Water Quality Testing | 5 min |
| | 3.2. Common Drinking Water Quality Tests | 6 min |
| | 3.3. Chapter 3 - Fact Sheets | 2 min |
| | 3.4. Course Glossary | 2.5 min |
| | Chapter final test | 4 min |
| Total Learning Time | | 60 min |
| Requested Contact Hours | | 1 h |