

Course 1, Session 1

Drinking Water Regulations – What are they and how do they apply to my everyday operations?

Introduction (approximate run time 15 minutes)

- A. Topic, Moderator/Presenter, Organization Introductions (approximate time 5 minutes)
- B. How to interact with the platform (approximate time 3 minutes)
- C. Audience Polls/Topic Knowledge pre-quiz (approximate time 7 minutes)

Drinking Water Standards are important for Public Health and Safety (approximate run time 30 minutes)

- A. Introduction to Drinking Water Treatment History
 - 1. History of water-borne disease
 - 2. The need for regulation and oversight is still vital today
- B. Introduction to the Safe Drinking Water Act
 - 1. History
 - 2. Overview

What Regulations apply to me? (approximate run time 45 minutes)

- A. Inorganic Contaminants
 - 1. Origins and health impacts
 - 2. Monitoring requirements
- B. Volatile Organic Contaminants
 - 1. Origins and health impacts
 - 2. Monitoring requirements
- C. Synthetic Organic Contaminants
 - 1. Origins and health impacts
 - 2. Monitoring requirements
- D. Bacteriological Contaminants
 - 1. Origins and health impacts
 - 2. Monitoring requirements
- E. Ground Water Rule requirements
 - 1. Origins and health impacts
 - 2. Monitoring requirements
- F. Disinfection By-Products & Precursors
 - 1. Origins and health impacts
 - 2. Monitoring requirements
- G. Lead & Copper
 - 1. Origins and health impacts
 - 2. Monitoring requirements
- H. Surface Water Monitoring Requirements
 - 1. Origins and health impacts
 - 2. Monitoring requirements

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I. Miscellaneous requirements

Smart Strategies for ensuring on-going compliance (approximate run time 45 minutes)

- A. Awareness of Annual Sampling Requirements
 - 1. What samples are due this year?
 - 2. Developing and implementing a sampling plan
- B. Records Retention
 - 3. Review of record keeping requirements
 - 4. Backing up and cleaning up data
- C. Monthly Inspections of Facility components
 - 1. The importance of inspection and routine maintenance and the consequences of failure
 - 2. Components of a quality inspection and how to spot deficiencies

Review (approximately 15 minutes)

- A. Review of topics covered (approximately 2-3 minutes)
- B. Questions and Open Discussion Period (approximately 7-8 minutes)
- C. Topic Knowledge post quiz (5 minutes)

Attendance Tracking

- Training will be done on the Go To Training (GTT) platform
- Attendee participation will be tracked through GTT data reports, including pre- and post-tests, poll questions, chat box interaction.

Course 1, Session 2

Drinking Water Regulations – What are they and how do they apply to my everyday operations?

Introduction (approximate run time 15 minutes)

- A. Topic, Moderator/Presenter, Organization Introductions (approximate time 5 minutes)
- B. How to interact with the platform (approximate time 3 minutes)
- C. Audience Polls/Topic Knowledge pre-quiz (approximate time 7 minutes)

Drinking Water Standards, why we sample (approximate run time 30 minutes)

- A. Introduction to the Safe Drinking Water Act
 - 1. History
 - 2. Overview

What Regulations apply to me? (approximate run time 30 minutes)

- A. Inorganic Contaminants
 - 1. Origins and health impacts
 - 2. Monitoring requirements
 - 3. Sampling procedures
- B. Volatile Organic Contaminants
 - 1. Origins and health impacts
 - 2. Monitoring requirements
 - 3. Sampling procedures
- C. Synthetic Organic Contaminants
 - 1. Origins and health impacts
 - 2. Monitoring requirements
 - 3. Sampling procedures
- D. Bacteriological Contaminants
 - 1. Origins and health impacts
 - 2. Monitoring requirements
 - 3. Sampling procedures
- E. Ground Water Rule requirements
 - 1. Origins and health impacts
 - 2. Monitoring requirements
 - 3. Sampling procedures
- F. Disinfection By-Products & Precursors
 - 1. Origins and health impacts
 - 2. Monitoring requirements
 - 3. Sampling procedures
- G. Lead & Copper
 - 1. Origins and health impacts
 - 2. Monitoring requirements
 - 3. Sampling procedures

Course 1, Session 2

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H. Surface Water Monitoring Requirements

1. Origins and health impacts
2. Monitoring requirements
3. Sampling procedures

I. Miscellaneous requirements

Developing and conducting a sampling program (approximate run time 60 minutes)

A. Developing a sampling plan

1. What type of samples are your required to collect?
2. What is the frequency for required samples are collected?
3. What samples are to be collected this year?
4. What are the materials required to collect samples?
5. Sample collection protocols/procedures
6. Laboratory information

B. Implementing a sampling plan

7. Training of personnel
8. Good sample collection procedures
9. Records retention
10. Maximum Contaminant Level Exceedances

Conclusion

- A. Review of topics covered (approximately 2-3 minutes)
- B. Questions and Open Discussion Period (approximately 7-8 minutes)
- C. Topic Knowledge post quiz (5 minutes)

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Course 1, Session 3
Public Notices & Consumer Confidence Reports
Introduction (approximate run time 15 minutes)

- A. Topic, Moderator/Presenter, Organization Introductions (approximate time 5 minutes)
- B. How to interact with the platform (approximate time 3 minutes)
- C. Audience Polls/Topic Knowledge pre-quiz (approximate time 7 minutes)

Public Notices
(approximate run time 60 minutes)

- A. Introduction to Public Notices
 - 1. Importance of PNs
 - 2. Different Tiers of PNs
 - 3. PN requirements
 - 4. Health Effects Language
 - 5. Drafting and issuing a PN

Consumer Confidence Reports (approximate run time 60 minutes)

- A. Introduction to Consumer Confidence Reports
 - 1. CCR Rule History
 - 2. CCR Requirements
 - 3. CCR tools, templates & EPA iWriter
 - 4. CCR iWriter exercise

Conclusion

- A. Review of topics covered (approximately 2-3 minutes)
- B. Questions and Open Discussion Period (approximately 7-8 minutes)
- C. Topic Knowledge post quiz (5 minutes)

Attendance Tracking

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