

Hydrology Source and Water Conservation

7 Contact Hours

9 CC10 Hours

Water supply hydrology and conservation are the important topics to be covered in this one-day class. The participant will be introduced to many issues surrounding water sources and conservation, specifically groundwater and surface water sources. Other topics covered will include options available for the facility during emergency situations; alternative water sources; use and conservation of water, and practical application of the information covered.

1. Describe the Hydrological Cycle;
2. Explain the differences between Unconfined Aquifers and Artesian Wells;
3. List sources of groundwater contamination;
4. Identify alternative water sources during emergency situations; and
5. Prioritize use and conservation during drought conditions.

8:00 AM to 9:00 AM

Introduction
Hand out Materials
Pre-test

9:00 AM to 9:45 AM

Water Supply Hydrology

9:45 AM to 10:30 AM

Groundwater Sources

10:30 AM to 12:00 PM

Surface Water Sources

12:00 PM to 1:00 PM

LUNCH

1:00 PM to 1:45 PM

Emergency and Alternative Water
Sources

1:45 PM to 2:30 PM

Use and Conservation of Water

2:30 PM to 3:30 PM

Review
Discussion

3:30 PM to 4:00 PM

Final Exam

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