Assignment 11

Due on 2020-04-15, 2018-0-

Lesson 1 - week 11 - Introduction to Water Supply System

- Improper maintenance can lead to system inefficiency, poor service, and liability issues.
- An improperly designed system can result in outdated infrastructure, high operating costs, and maintenance costs.

Lesson 2 - week 2 - Key Elements of Water Supply System

- Key elements of a water supply system include:
  - Source of water supply
  - Treatment facilities
  - Distribution system
  - Customers

Lesson 3 - week 3 - Distribution System

- Distribution systems are designed to transport water from the treatment facility to the consumer.
- The distribution system must be able to distribute water efficiently and safely.
- Materials used in the distribution system must be corrosion-resistant and able to withstand high pressures.

Lesson 4 - week 4 - Water Quality

- Water quality is an important factor in the effectiveness of a water supply system.
- Proper treatment processes are necessary to ensure the safety and quality of the delivered water.
- Water quality standards must be met to protect public health.

Lesson 5 - week 5 - Water Demand

- Water demand varies depending on the season and location.
- Understanding water demand is crucial for effective water supply management.
- Proper planning and management are necessary to ensure a reliable water supply.

Lesson 6 - week 6 - Water Management

- Water management involves the planning and operation of water supply systems.
- Effective water management requires a holistic approach that considers environmental, social, and economic factors.
- Water management practices must be sustainable and resilient to changing conditions.

Lesson 7 - week 7 - Water Supply Systems

- Water supply systems are designed to meet the needs of communities.
- The system must be able to provide a safe and reliable water supply at an affordable cost.
- Water supply systems must be flexible and adaptable to changing conditions.

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