

APPA Institute for Facilities Management

Energy & Utilities

Water (304)

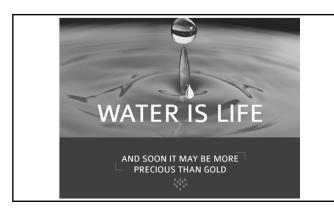
Campus Domestic and Fire Protection Water Supply and Distribution Systems

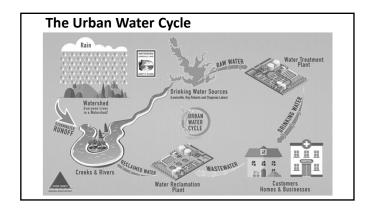
Mark St. Onge, EFP

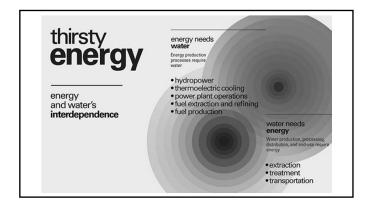
Purpose of Today's Presentation

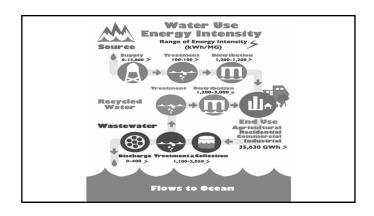


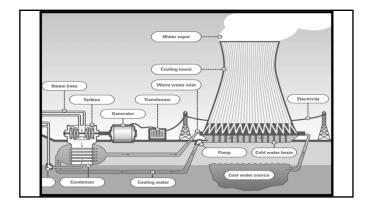
To provide a broad understanding of campus water systems

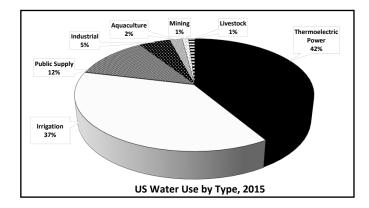


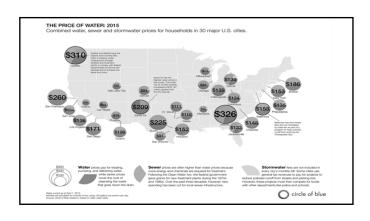












Flint, Michigan, Declares State of
Emergency Amid Lead in Drinking Water
Scare

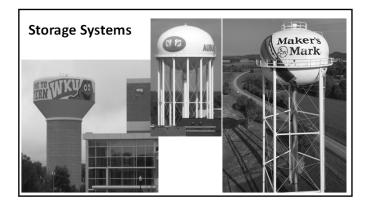
by Erik Ortiz / Dec 15,2015

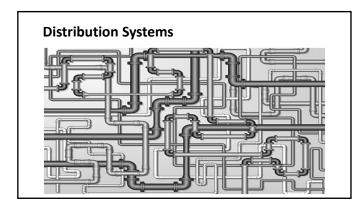
Detroit schools to use bottled water due to lead, copper concerns

by Dennis Romero / Aug 29,2018

ABC Certification Program ABC Certification Program Certification Program Certification Process - C



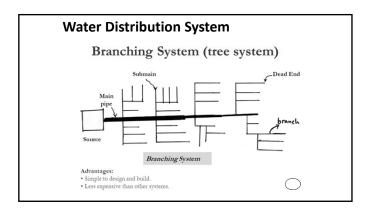




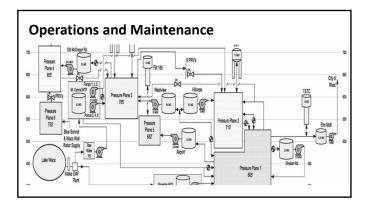
Dead-Legs

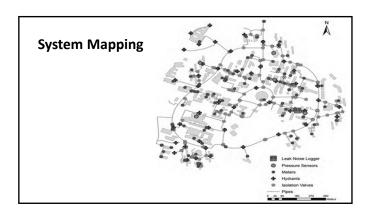


Dead-Legs 3 pipe diams max max

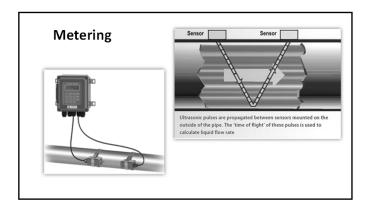


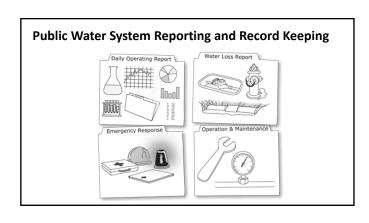
Water Distribution System Grid System (Looped system) Advantages: • The grid system overcomes all of the difficulties of the branching system discussed before. • No dead ends. (All of the pipes are interconnected). • Water can reach a given point of withdrawal from several directions.

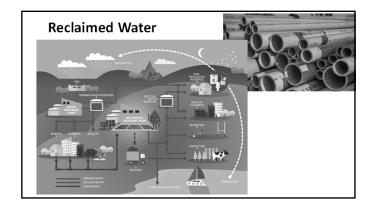




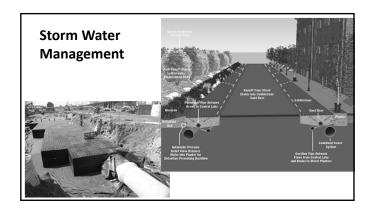
Cross Connection Control











Key Takeaways

- •Water and energy are interdependent
- •Be prepared for emergencies
- Drinking water is regulated under the SWDA
- Contaminates in drinking water are regulated by standards set by the EPA; these standards are typically enforced by state agencies

Questions / Comments



Sign-in Sheet / Evaluation Form

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