 APPA Institute
for Facilities Management
ENERGY & UTILITIES

304 WATER

Campus Domestic and Fire Protection Water Supply and Distribution Systems

AIA
Continuing
Education
Provider

*Sherril Jett
Brett Garrett*

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PRESENTATION PURPOSE



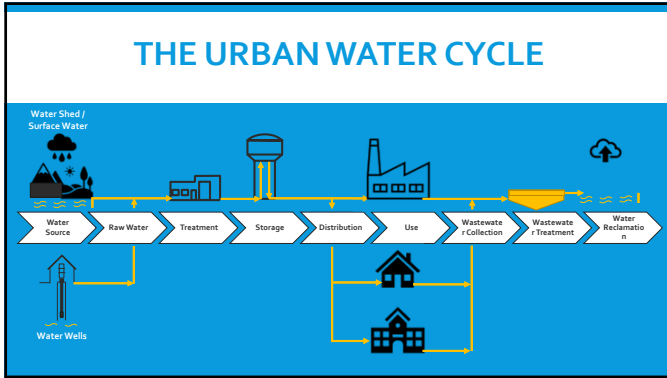
Provide a broad understanding of campus water systems

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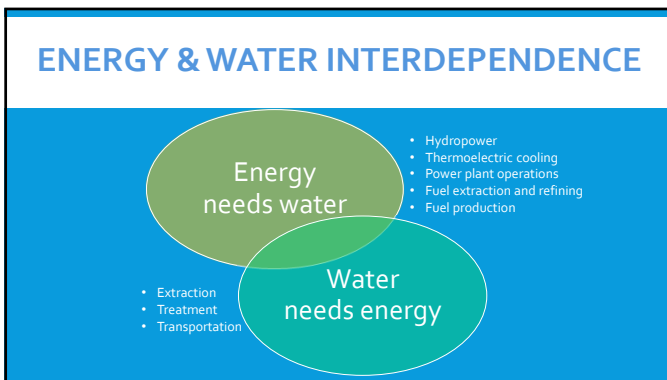
WATER IS LIFE



3



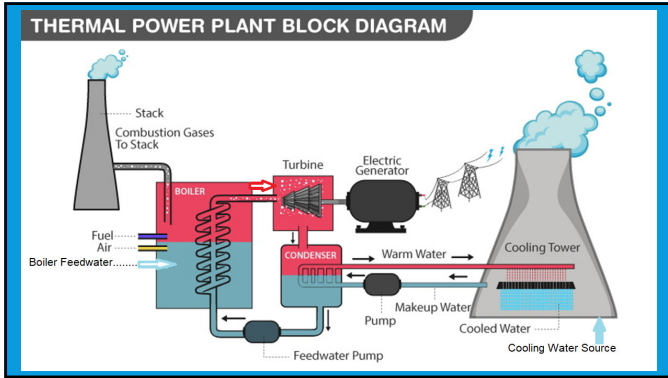
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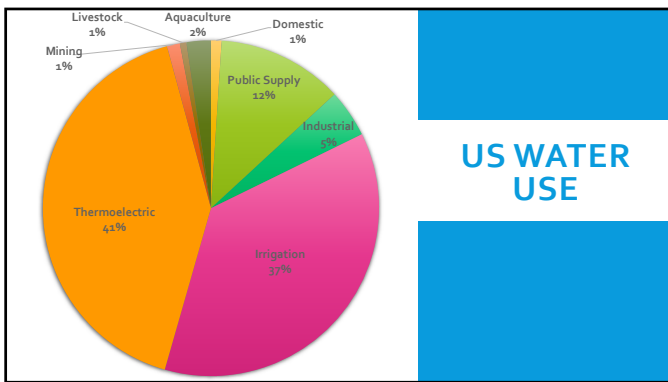
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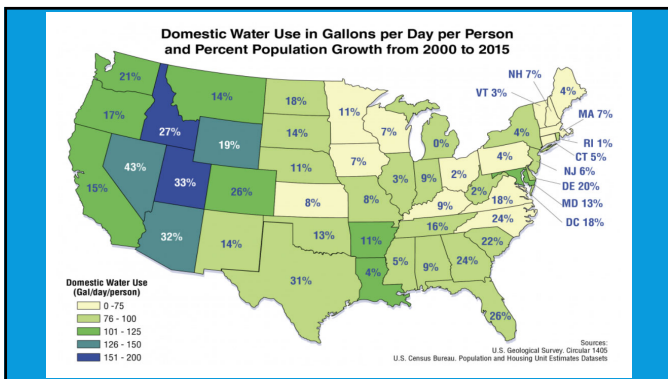
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**SAFE DRINKING WATER ACT
CERTIFIED OPERATORS**



ABC's Certification Program



Certification: Protecting public health and building strong careers.

ABC offers a voluntary certification program to water treatment, distribution, collection, wastewater treatment, and industrial waste operators, water and wastewater laboratory analysts, plant maintenance technologists, and biosolids land appliers. ABC certification is not only a way to protect public health and the environment, but provides numerous career benefits to both employees and employers.

ABC Certification Program

Certification Process

- Certification through Examination
- Certification by Reciprocity

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FIRE PROTECTION

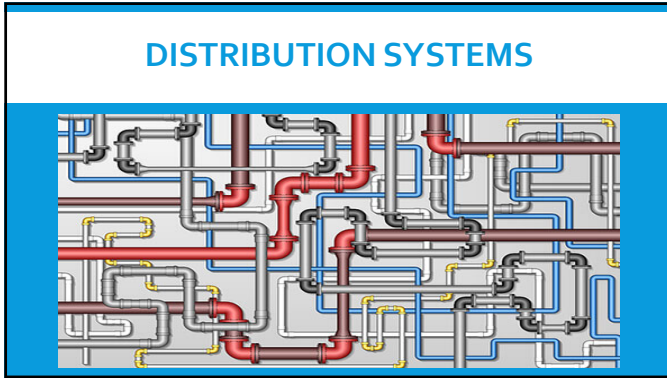
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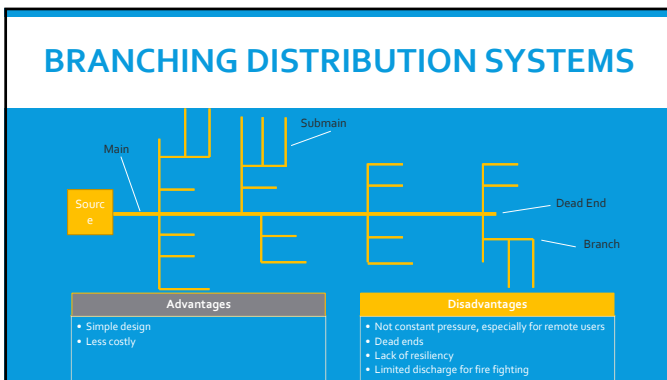


STORAGE SYSTEMS

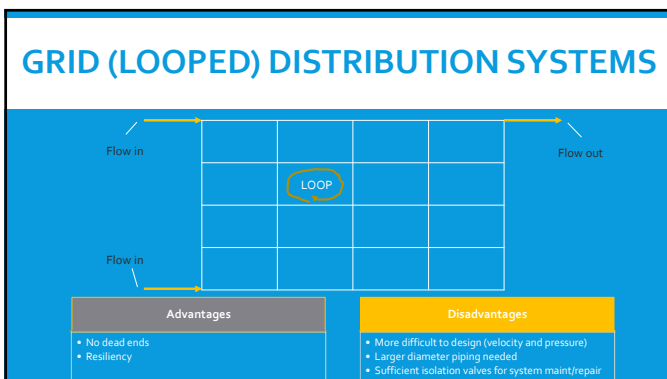
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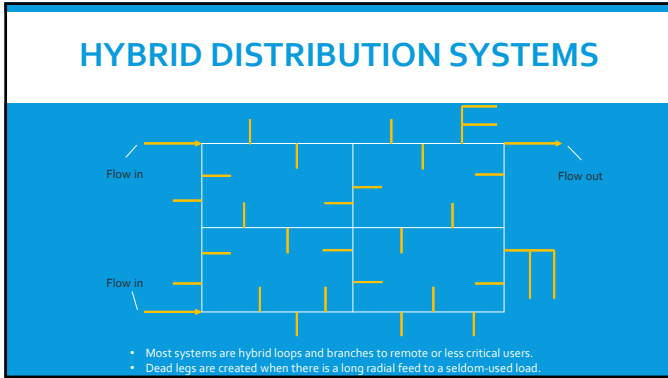
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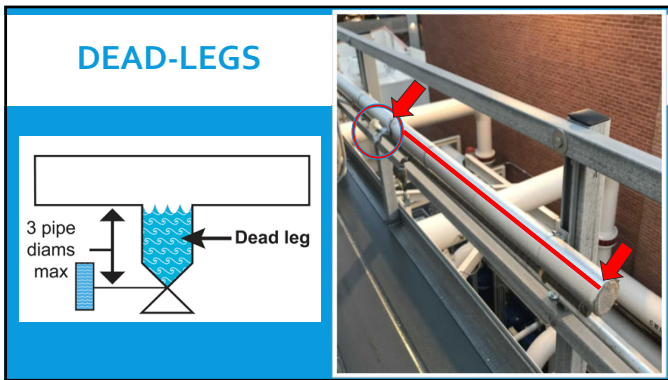
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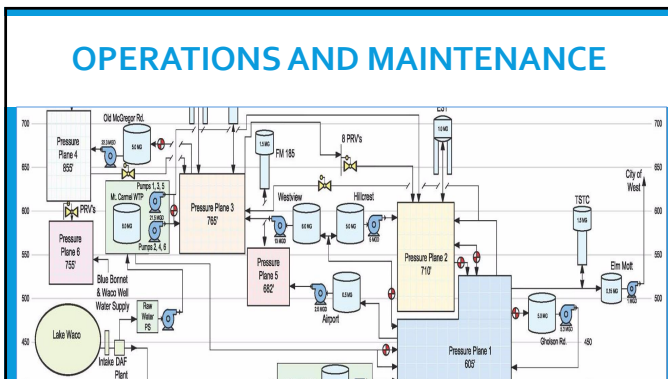
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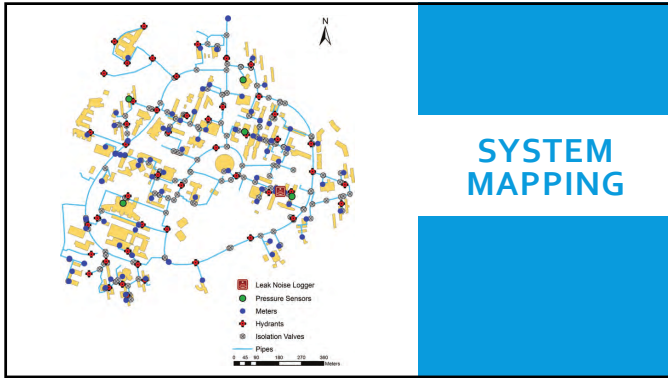
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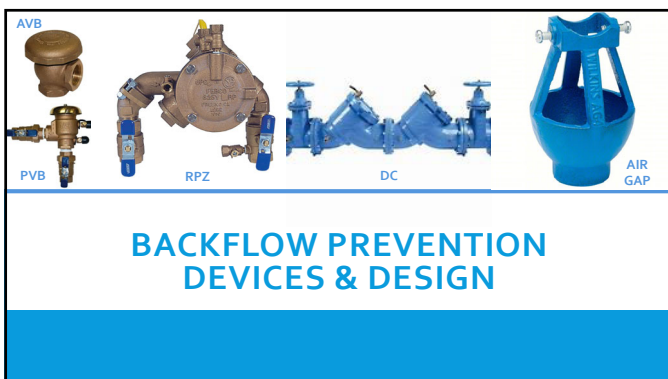
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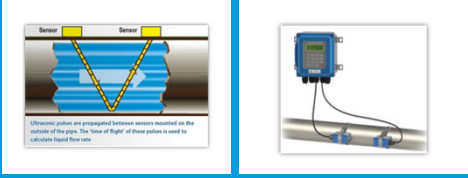
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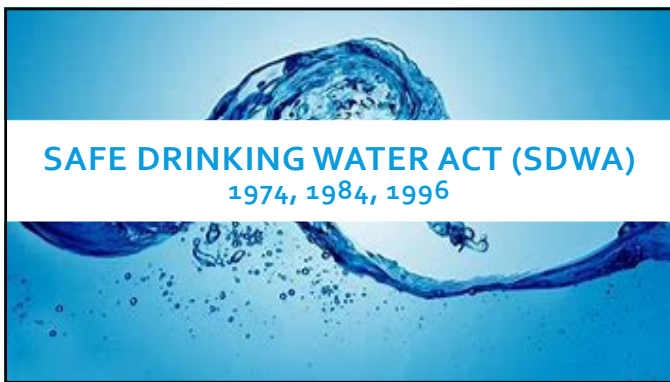
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Ultrasonic pulses are propagated between sensors mounted on the outside of the pipe. The "time of flight" of these pulses is used to calculate liquid flow rate.

METERING

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SAFE DRINKING WATER ACT (SDWA)

1974, 1984, 1996

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PUBLIC WATER SYSTEM RECORDS & REPORTING



Daily Operating Report

Water Loss Report

Emergency Response

Operation & Maintenance

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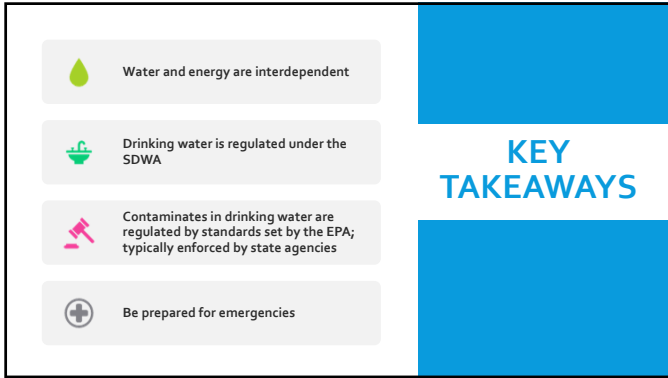
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Water and energy are interdependent

Drinking water is regulated under the SDWA

Contaminates in drinking water are regulated by standards set by the EPA; typically enforced by state agencies

Be prepared for emergencies

KEY TAKEAWAYS

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QUESTIONS / COMMENTS

- Sign-in Sheet
- Evaluation Form

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