Oregon Health Authority Drinking Water Services Spring Partner Training

OAWU

May 7, 2024

Introductions

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Presentation Goals

- OAWU-Who we are and what we do
- Circuit Riders/Wastewater Tech/other services
- Water and Wastewater Utility Operations Measured by: Technical, Managerial and Financial Capacities (capabilities)
- Utility Challenges

Types of Utilities

- Cities-large and small
- Districts
- Coops
- HOA
- Private

Oregon Association of Water Utilities

- History
- Programs and Services
- Board and Membership
- OAWU Today
 - Technical Assistance
 - Training
 - Legislative Representation
 - Professional Services

Things a Water System should have

- Coliform site sampling plan
- Operations and Maintenance manuals
- As built maps of system
- Emergency response plan and Vulnerability Assessment
- Cross connection control program
- Standard operating procedures
- Source water assessment
- Water management and conservation program
- Current Master plan if system is over 300 connections
- Cross connection specialist if the system is over 300 connections
- Risk and Resilience assessment if system is over 10,000 population
- Service line inventory on or before October 16, 2024.
- Emerging contaminates

Drinking Water System annual reports

• Annual Cross Connection Summary report Due before the last business day of March.

http://public.health.oregon.gov/HealthyEnvironments/DrinkingWater/CrossConnection/Pages/reports.aspx

• Annual Fee for Cross Connection/Backflow Prevention Program Due by January 3rd.

http://public.health.oregon.gov/HealthyEnvironments/DrinkingWater/CrossConnection/Pages/annualfee.aspx

• Consumer Confidence Reports delivered to customers and a copy to Oregon Drinking Water Services by July 1.

http://public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Pages/ccr.aspx

Water Use Reporting to Oregon Water Recourses Department.

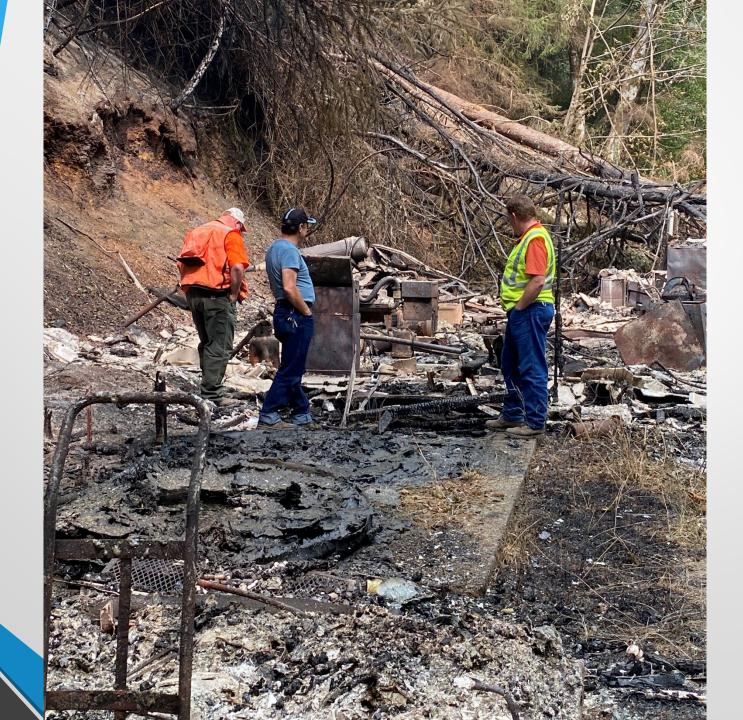
//www.oregon.gov/owrd/pages/wr/water use report.aspx

Good things for a Water System to have Meter replacement program
Flushing program
Valve exercising program
Fire hydrant exercising program
Source water protection program
Public relations

OSHA
SDS book
Confined space program
Lock out tag out program
Safety committee









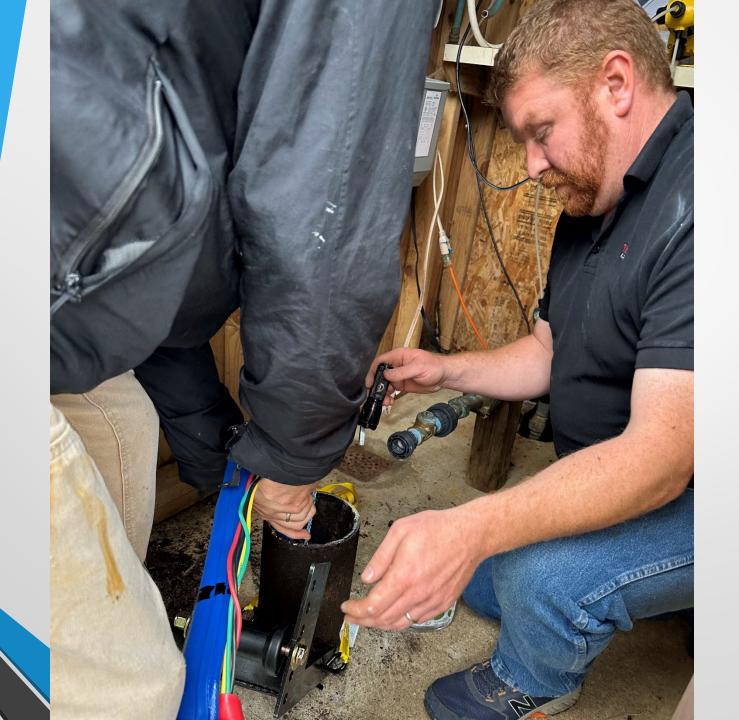












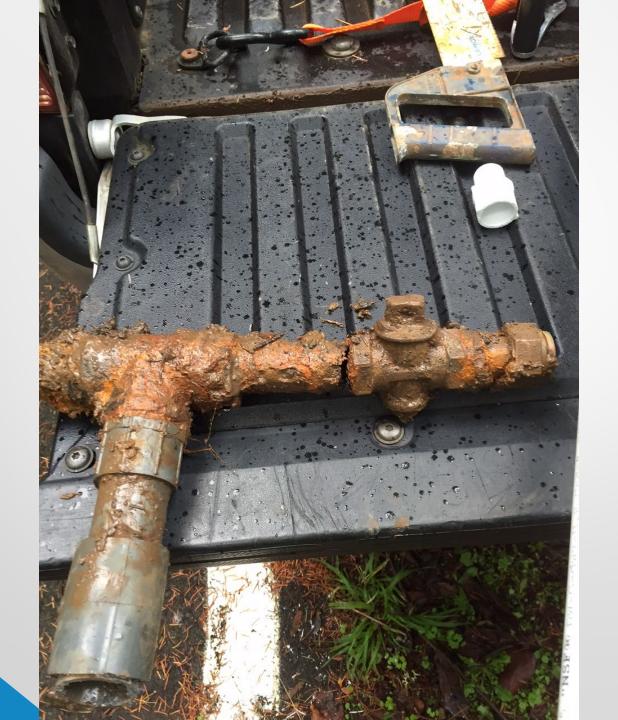






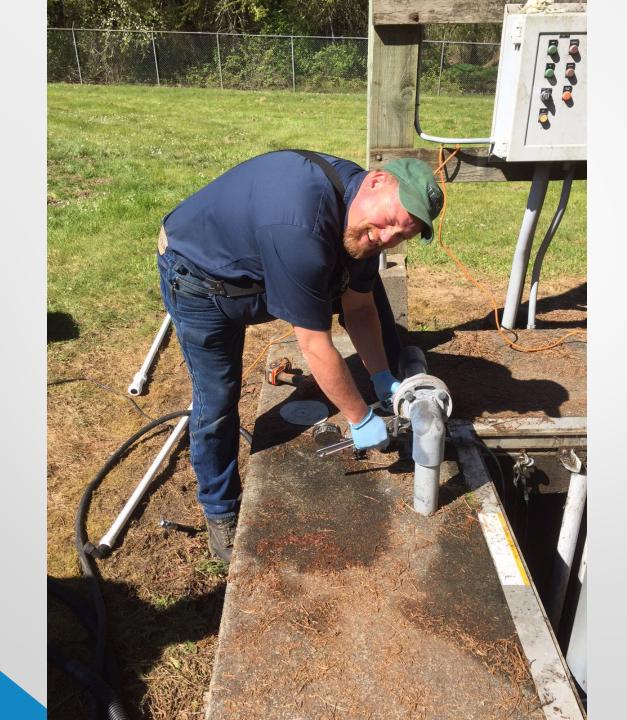


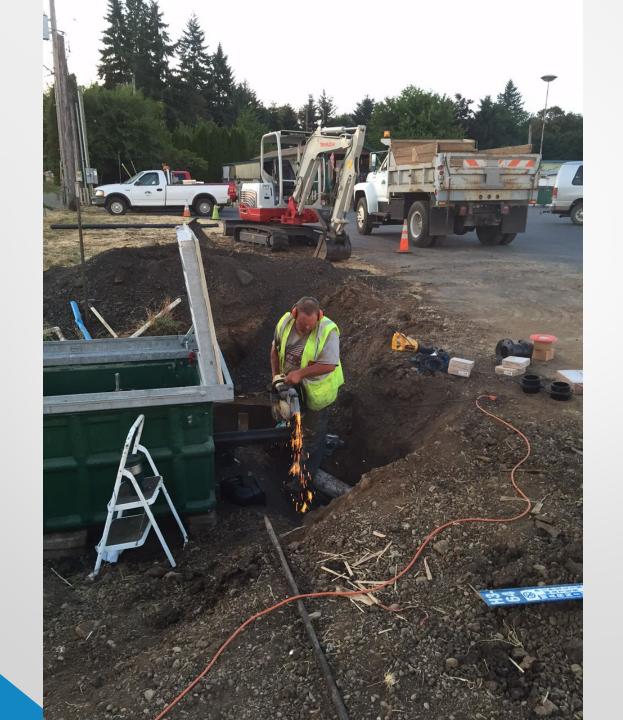








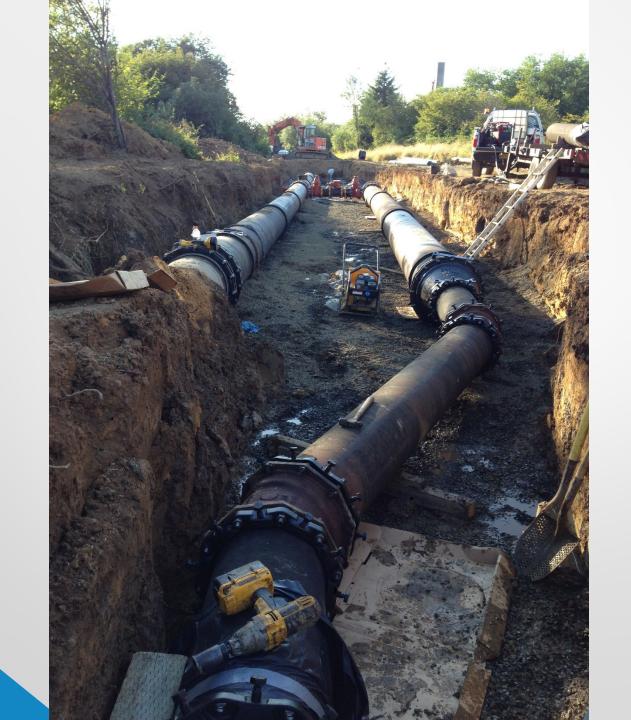








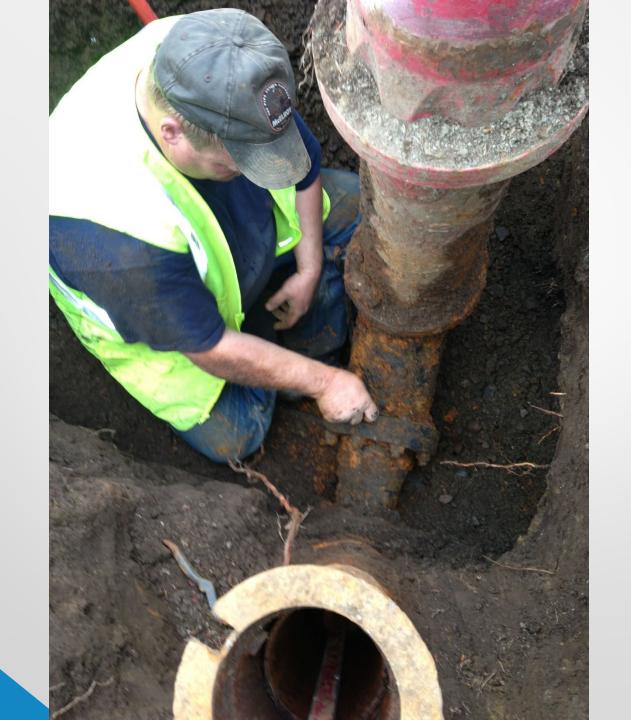




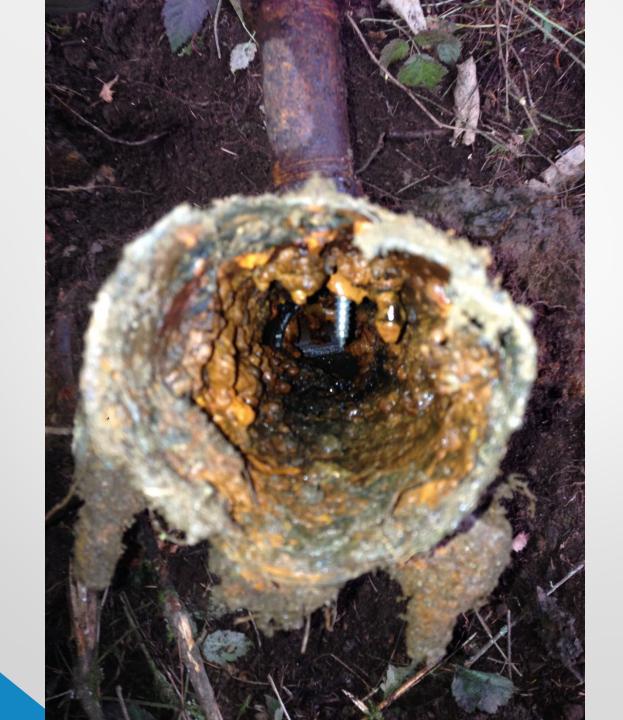


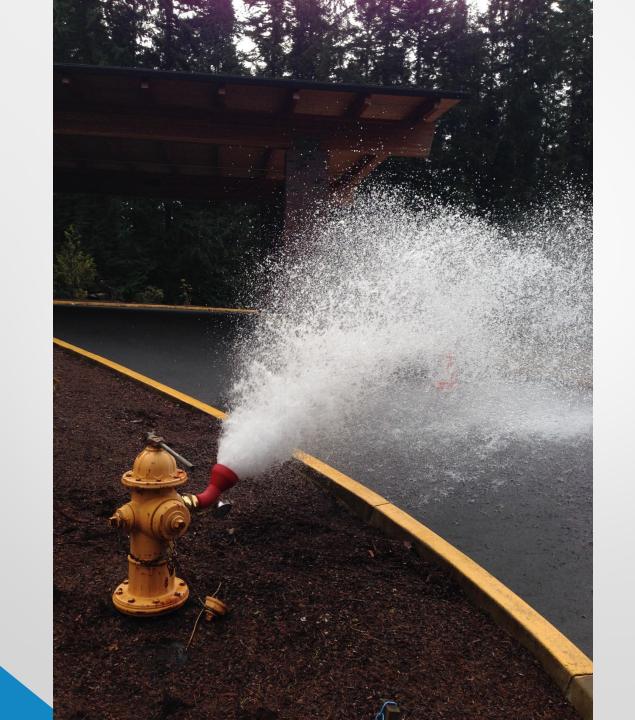


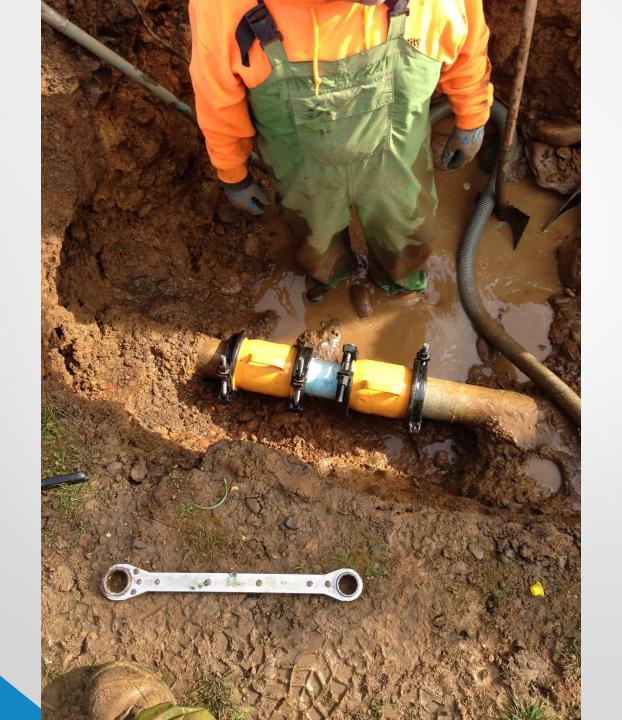


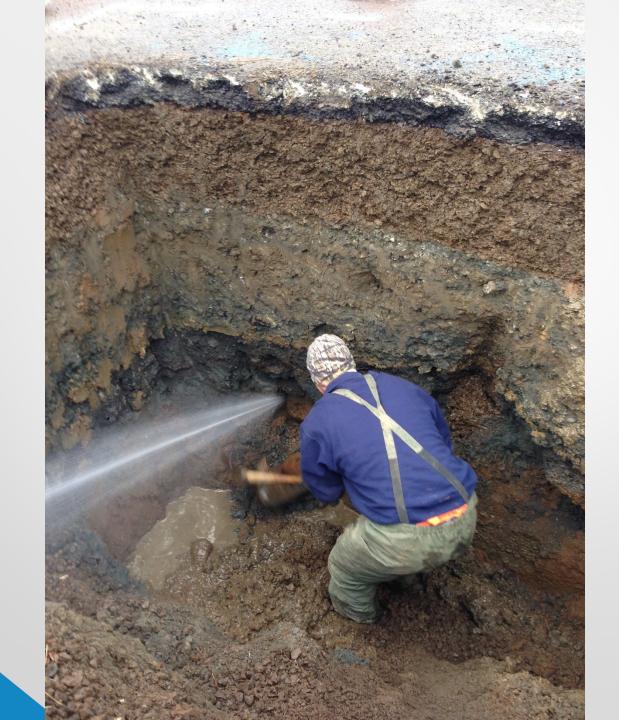




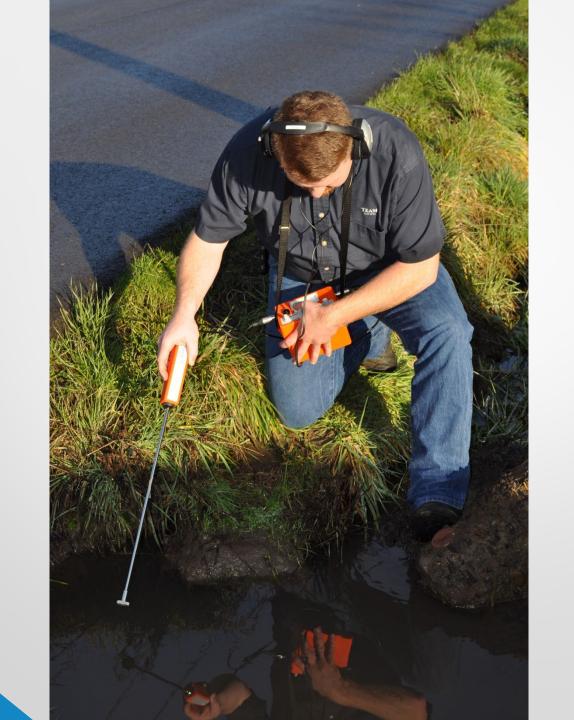




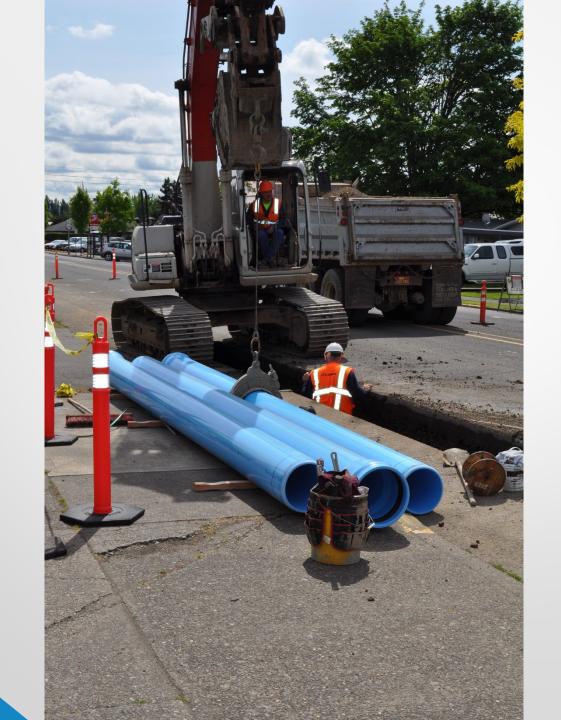


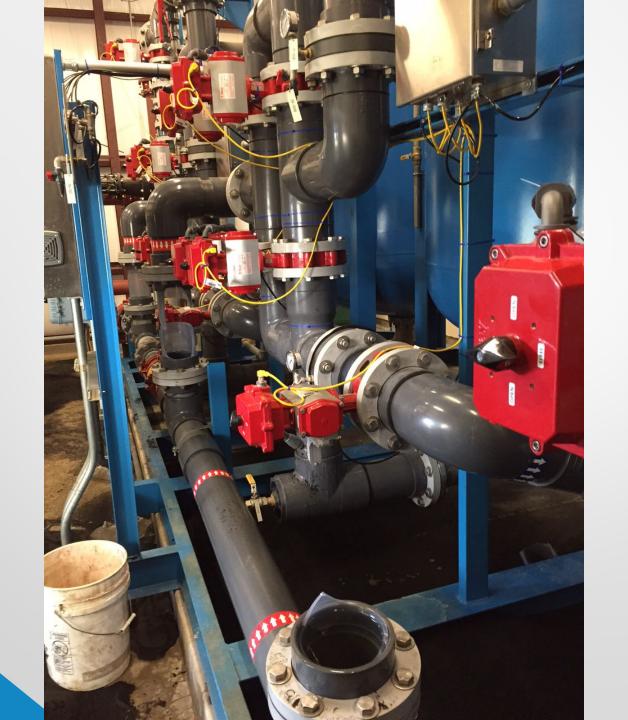




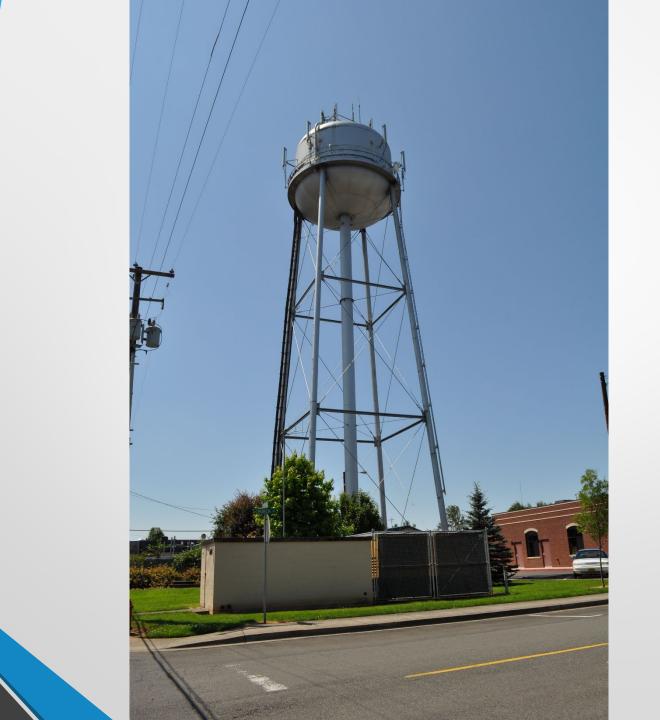














Regulations

- Drinking Water
- Wastewater
 - Capacity Development: Managerial, Technical and Financial Capabilities
 - Various OARs and ORS
 - Safe Drinking Water Act
 - Clean Water Act
 - OSHA, FEMA, etc.

Utility Management

- Policies
- Budgets
- Utility Rates
- Loans and Grants
- Regulations
- Staff and Personnel
- Written Plans
- Master Plans/Utility Goals

Capital Improvement

- Projects
- Utility Growth
- Plan Review
- Cash vs. Loans and Grants
- Funding Applications

Physical System

- Water Sources and Quality
- Operations and Duties
- Time Management
- Issues and Challenges
- Ageing Infrastructure and Planning
- Projects and Project Management
- Small vs. Large Utilities

Utility Challenges

- Governance, Politics and Training
- Customers and PR
- Utility Personnel
- Increasing Workloads/Demands
- Ageing Infrastructure
- Growth
- Utility Rates/Revenue
- Regulations
- Water Sources and Wastewater Permits
- Projects and Project Management

Thank You!

Questions?