

Vendor Demonstration Class Descriptions

Additional descriptions will be added weekly, please check back to see updates

AllChem Performance Products:

Title: Basic Chlorine Technologies

Overview: Gas, Bleach, Cal Hypo and TriChlor will be covered.

National Meter and Automation:

Title: Water Meters & Technology

Overview: Provide history of meters, design, and the evolution of reading technologies.

GSM Arizona:

Title: The Evolution of Couplings in the Waterworks Industry

Overview: This demonstration is going to show the evolution of couplings in the waterworks industry. We will demonstrate the installation of steel size-on-size couplings to the new generation of wide range couplings. In addition, we will show various restraint couplings and the basics of flange coupling adapters.

Armorock, LLC:

Title: Polymer Concrete Manholes, New and Rehab Installation

Overview: This demonstration will go over the new manhole installation process as well as what needs to be done for the polymer concrete sleeve system for rehab.

Hose Solutions:

Title: The Economic Significance of a Flexible Drop Pipe

Overview: This demonstration will discuss tensile strength, different installation and retrieval methods, PSI capability, and other benefits

Engineered with Layton, PLC:

Title: User Friendly Systems

Overview: The role that the design and engineering have in making new and old water and wastewater system operator friendly is critical. Systems that are user friendly require less maintenance to operate and this lowers all costs-employee, sub-consultants and operational.

Legend Technical Services

Title: Microbiology of Bacteria **Time Specific** (8:00am, 9:00am, 10:00am, 11:00am)

Overview: This session provides an educational discussion for drinking water and wastewater operators to further understand the microbiology of Total Coliform bacteria, Thermotolerant bacteria, and E. coli bacteria

Legend Technical Services

Title: Bacteria Sampling Tips **Time Specific** (8:30am, 9:30am, 10:30am, 11:30am)

Overview: This session provides valuable information for drinking water and wastewater operators regarding the 100 mL sodium thiosulfate container. The demonstration will focus on sampling and transportation tips to avoid invalid and qualified bacteria analysis

AZ Tap Master, Inc.

Title: Line Stopping

Overview: Attendee's will learn the basics of line stopping & its procedures, and applicability.

JCM Industries, Inc.

Title: Pipe OD's and Templates

Overview: Measuring pipe OD's and creating a pipe on template on out-of-round pipe. "How to get an accurate OD, without having an OD Tape."

Probiotic Solutions:

Title: Wastewater Bioremediation

Overview: Bioremediation is an efficient method for treating municipal wastewaters. Essential to successful bioremediation is that microorganisms must have specific bioavailable nutrients they need. Because poorly performing wastewater treatment systems can become a significant drain in municipal budgets, delivering bioavailable microorganism nutrition can have a significant impact on treatment efficiency. Probiotic Solutions® has developed Bio Energizer® and Bio Genesis® which are complexed with a proprietary carbon source as a nutrient carrier, Micro Carbon Technology® (MCT). This technology provides very small carbon particles that have low molecular weight, greater specific surface area, and high cation exchange capacity. When complexed with micro-carbon, nutrients are adsorbed and become more chemically active and available to microorganisms. A discussion of the MCT will provide more in depth understanding concerning the functionality of the technology to improve the carrier mechanism to improve the microbial activity. In addition, four case studies will be presented in which municipalities in the United States stimulate existing microbiology in the treatment system to more effectively treat the wastewater. Results demonstrate these products greatly improve bioremediation by improving the health and diversity of beneficial microorganisms, leading to system efficiencies, operational stability, and cost savings by reducing sludge volume, odor, and electrical costs.

A.Y. McDonald

Title: Water Works Repair Couplings

Overview: Demonstrate fast, effective, long-term solutions for CTS-Pipe & CTS-PE.

Tank Industry Consultants

Title: Types of Water Tank Evaluations, Drained...Dive...ROV, What's the right choice for you?

Overview: The three types of tank evaluations and the pros and cons of each type of evaluation.