



## Drinking Water

### **Water Distribution System Hydraulic Modeling 101- An Introduction**

Introduction to hydraulic modeling benefits, limitations, and applications for distribution systems.

*Offerings: #7056 Water Distribution System Hydraulic Modeling 101- An Introduction (Virtual) IEPA#19697*

### **Water Leak Detection**

This seminar will provide attendees with a basic background to leak detection and leak detection methods.

Offered annually (Spring–Summer)

### **Lead & Copper- Water Treatment & Corrosion Control in Dist. Systems**

This seminar will cover the definition of corrosion and how to determine if corrosive water is present in the distribution system.

Offered annually (Spring – Summer)

### **Control Valves O&M**

Training will be on diaphragm valves involving the main valve; basic/common applications, troubleshooting and maintenance.

Offered annually (Spring – Winter)

### **Hands on Basic Water Quality Testing**

Learn how to run chlorine, phosphate, pH, turbidity, hardness, alkalinity, fluoride, iron, and conductivity then this class is for you.

Offered annually

### **Understanding Control Panel Drawings**

Understanding the different types of drawings and documents that are generally associated with control panels



## Drinking Water cont.

### **Design, Operation, and Maintenance of Gravity Filters - A Three-Part Series**

Covers filter design, media, backwashing, operations, instrumentation, start-up, and maintenance.

*Offerings: #7061 Design, Operation, and Maintenance of Gravity Filters - A Three-Part Series IEPA#20056 or bi-annually summer*

### **Water Dist Systems: Valves, Mains, & Meters Online**

Online course covering potable water distribution components, operations, and maintenance.

*Offerings: #3014 – Water Dist Systems: Valves, Mains, & Meters Online IEPA#5257*

### **Water Distribution Systems**

Comprehensive overview of storage, water mains, water quality, disinfection, and safety.

*Offerings: #3003 - Water Distribution Systems - IEPA#5445*

### **Introduction to the Repair of Breaks, Splits, Pinhole Leaks and Pit Corrosion**

Covers common break and leak repair techniques, clamps, sleeves, and encapsulation methods.

*Offerings: #2417 Intro to the Repair of Breaks, Splits, Pinhole Leaks, and Pit Corrosion - Illinois Section American Water Works Association*

### **Water Loss Control: Definitions and Methodology**

Explains non-revenue water, loss control concepts, and modern methodologies.

*Offerings: #2421 9/20 Water Loss Control: Definitions and Methodology IEPA#18706 - Illinois Section American Water Works Association*