

**Training Sponsor:** Kentucky Rural Water Association  
**Session Title:** Chemical Safety for Operators  
**Date:** April 16, 2024  
**Location:** Carrollton Distribution and Operations Center, Carrollton, KY

**Learning Objectives:**

The objective of this session is to provide useful information to attendees to help them better perform their roles as water and wastewater operators and enhance the operations at their facilities.

**Criteria for Training Credits:**

This session is being offered as a hybrid event. Operators participating in-person will be granted credit for time attending the sessions. Through the use of Zoom reporting, those viewing the webinar will be tracked as they log in and log off during the presentation. The maximum number of continuing education credit hours offered will be six (6) hours for water and wastewater operators.

**TRAINING SUMMARY/TIMED AGENDA**

**Tuesday, April 16, 2024**

**8:00 a.m. – 11:00 a.m.**

**Session 1:** Chemical Safety for Operators, Part 1

**Presenter:** Corey Harper, Hawkings Water Treatment Group

**Core Content:** B3 - Chlorine Safety; B13 - Safe Handling of Water Treatment Chemicals and Materials

Regular training is crucial to ensure operators are well-prepared to handle common chemicals used in the daily operation of their utility. This session will focus on chemical safety tailored for drinking water and wastewater operators. It will delve into the common chemicals utilized in treatment processes. The instruction will encompass the following aspects for each chemical: its purpose, why it is employed, its composition, and guidelines for its safe handling, storage, and disposal.

**11:00 a.m. – 12:00 p.m. Lunch on your own**

**12:00 p.m. – 2:00 p.m.**

**Session 2:** Chemical Safety for Operators, Part 2

**Presenter:** Corey Harper, Hawkings Water Treatment Group

**Core Content:** B3 - Chlorine Safety; B13 - Safe Handling of Water Treatment Chemicals and Materials

This will be a continuation of Session 1.

**2:00 p.m. – 3:00 p.m.**

**Session 3:** LMI Pump Maintenance and Repair

**Presenter:** Marvin Flynn, Flynn Metering Systems

**Core Content:** C6 - Chemical Storage/Feed Systems

In this session, instructor will explore chemical feed pumps commonly utilized in drinking water and wastewater facilities. These pumps are integral to various applications necessitating precise mixing, storage, and dosing of specific chemical reagents crucial for treatment processes. Given their operation in corrosive environments and handling of corrosive chemicals, the session will also address common maintenance challenges and repair procedures frequently encountered by operators in their routine facility operations.

**SPEAKER BIOS**

**Corey Harper** is the Technical Manager for Hawkins Water Treatment Group. Corey has been involved in the water industry since the time of his infancy as he would accompany his father to work at a water treatment facility. He has assisted many water systems with the setup and use of various treatment chemicals. Corey has presented instruction at numerous training events and industry association events such as the Kentucky Water and Wastewater Operators Association, the Kentucky Rural Water Association, and AWWA. Corey holds a Bachelor of Arts in Criminal Justice from Kentucky Wesleyan College and an Associate of Science in Forensic Chemistry.

**Marvin Flynn** is the owner/operator of Flynn Metering Systems, a business he started in 2001. Before starting his own company, Marvin worked for a distributor of LMI pumps doing pump repairs (1987). He worked as the General Manager for this distributor from 1990 to 2000. Flynn Metering is a distributor of LMI Pumps along with other pumps and meters.