



# Training Highlights

## Components of a Water Distribution System

This session will cover piping, valves, storage tanks, and hydrants, impacts on water quality and solutions to common problems. Participants will be able to describe components of the Distribution System and how they can impact water quality, potential areas of water quality concern in system, and ways to improve.

## Distribution System Water Quality

Water quality changes that may occur as the water moves through the infrastructure in the distribution system and different water quality parameters and challenges will be discussed along with solutions. Participants will have the ability to describe what different water quality parameters tell us about distribution system health and apply key practices for managing water age and quality during storage.

## Main Breaks and Cross Connections

This session describes how main breaks and cross connections can compromise water quality in the distribution system and provides solutions to the most common challenges from the field. Upon completion, participants will be able to preserve water quality when responding to a water main break; describe the difference between proactive and reactive responses, the seriousness of cross connections, and importance of cross connection control, requirements for cross connection control; and outline the emergency response in the event of a backflow.

## Flushing

The importance of flushing in maintaining water quality will be the focus of this session. A well planned and systematically executed flushing program can decrease water age in dead ends of a distributions system, restore chlorine residuals, remove sediments and other deposits, and result in overall improvement in water quality. Participants will have the ability to describe the importance of flushing, prepare a simple checklist for flushing a hydrant, and identify the components in developing a flushing program.

## Training Location and Date

**August 22, 2018**

Aqua Office  
(Alcove, rear of building)

365 E Center

Marion OH 43302

Registration: 8:00 am

Training: 8:20 am -1:30 pm

[Click here](#) to register or  
contact **Clarissa McDermitt** at  
**800-775-9767**



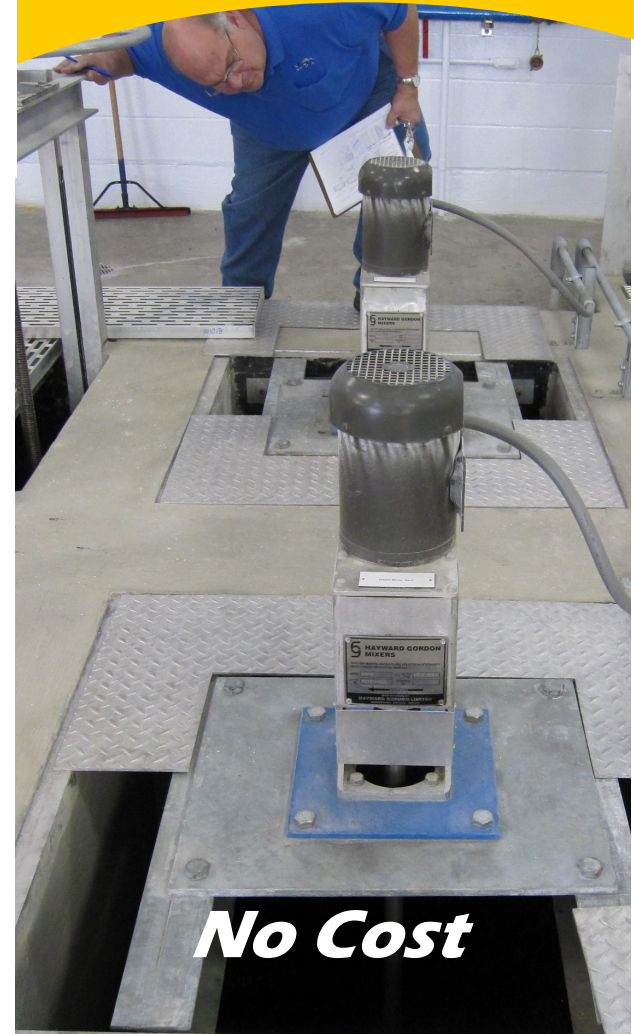
## *About RCAP*

Ohio RCAP is part of a national network of regional non-profit organizations, with a national office located in Washington D.C. Since 1980, RCAP has been providing training and technical assistance to solve problems in small communities throughout Ohio.

RCAP services focus upon project development and lowering project costs, achieving and maintaining compliance, minimizing impacts on low -income residents, using appropriate technologies, and building local capacity.

In the last decade alone, Ohio RCAP has helped small communities obtain over \$350 million in state and federal funding for their water and wastewater systems.

Maintaining  
Water  
Distribution  
System Water Quality



***No Cost***

Funded and Carried out as part of the  
EPA/RCAP Training/Technical  
Assistance to Improve Water  
Quality Project