

# Maintaining Water Quality in the Distribution System

## ABOUT THIS TRAINING / EVENT

This class will cover drinking water distribution system quality operations and management.

Objectives:

- Gain an understanding of how water detention times affect water age and quality including the development of disinfection byproducts.
- Describe the process of nitrification in water storage tanks and list methods to prevent it.
- Explain microbiological water quality contamination causes and prevention.
- Calculate detention time and CT values for chlorine disinfection.
- Describe causative factors that lead to corrosion in water distribution systems and explain how it is prevented and mitigated.

## REGISTRATION & EVENT DETAILS

**Event Date** : April 12th, 2023

**Event Time** : 1:00 PM - 2:00 PM (ET)

**Event Cost** : FREE

**Registration Deadline** : April 11th, 2023

**Please note this event is virtual only**

Visit [gleic.org](http://gleic.org) to learn more about GLEIC

## OUR INSTRUCTOR



Gregory Pearson, MBA  
Water & Wastewater Systems Trainer  
GLEIC

## WHO SHOULD ATTEND?

- Water Operators
- Utility Managers
- Technical Assistance Providers

## QUESTIONS?

Email [ctt@mtu.edu](mailto:ctt@mtu.edu) for more information!

*Registration is required for fulfillment of continuing education. Read the Center for Technology & Training policy [here](#).*

*No-shows/cancellations within three business days of the event are charged the full registration fee; substitutions accepted.*

*Michigan Technological University is an Equal Opportunity Educational Institution/Equal Opportunity Employer that provides equal opportunity for all, including protected veterans and individuals with disabilities.*

*Accommodation requests related to a disability should be made at least ten business days prior to the event by emailing [ctt@mtu.edu](mailto:ctt@mtu.edu).*