

Disinfection A to Z **New!**

Description

This course addresses the safe use, operation and maintenance of chlorine gas and sodium hypochlorite disinfection systems, including relevant regulations. Dechlorination will also be covered, including newer EPA regulations, and state adoption of NPDES permits for tracking potable and wastewater dechlorination. Alternative disinfection methods, such as ozone, UV light and chloramination, will also be discussed. Content is general enough for the needs of both potable water systems and wastewater systems (prior to discharging to effluent).

08:00 – 08:30 Sign-in

08:30 – 10:00 Operations and Maintenance of Chlorination Systems

10:00 – 10:15 Break

10:15 – 11:30 Break Point Chlorination

11:30 – 12:30 Chloramines – Working Lunch

12:30 – 13:00 Ultra Violet Treatment

13:00 – 13:15 Break

13:15– 14:00 Alternative Disinfection Methods

14:00 Adjourn

Please pack lunch, if you wish. Lunch will not be provided.

Instructor: Loyd Rawlings—Technical Training Manager

Loyd brings over three decades of experience to the training room, including roles as a distribution operator, surface water treatment, ground water treatment operator, and public works director.

Loyd worked for Missouri Department of Natural Resources as a certification trainer and compliance assistance operator. With Missouri Rural Water Association, he led EPA Water Quality Action Specialists (WQAS) trainings, worked as a USDA Wastewater Technician, served as a circuit rider, and taught numerous water and wastewater certification classes.

Loyd holds certifications in Water Treatment, Wastewater Treatment and Distribution systems in Missouri. He holds a Utility Management Certification (UMC) from NRWA's Water University.

Date and Location:

June 4, 2026 – Rockaway Township Water Utilities Operations Building

17 Old Middletown Road, Rockaway, NJ

Accreditation:

5.5 TCH Water & WW, Course Number 04-062603-30. CPWM (5.5 Tech) DLGS-NJWA-313

Please plan to arrive at 8:00 am.

Registration is free of charge and is available at: www.njwater.org

The New Jersey Water Association