

Disinfection/Oxidation

Description: This course developed by Michael Furrey from ILM Services will cover the basics, operations and maintenance of public water and wastewater disinfection and oxidation treatments. Attendees will get a great understanding of these concepts to help with their work duties while gaining insights into advancing their operations career. This course will help with taking any water distribution, water treatment or wastewater treatment license.

Agenda:

8:00-8:30	Registration and Sign-In
8:30-10:30	Regulatory Overview (0.5 hours) History of Disinfection (0.5 hours) Types of Disinfectants/Oxidants: Advantages and Disadvantages (1.0 hour) Science of Disinfection (0.25 hours) Disinfection By-Products (0.25 hours) Biofilm/Regrowth (0.25 hours) Oxidation Process (0.25 hours) Disinfectant types (0.25 hours) Question/Quiz (0.5 hours)
1:00-1:15	Paperwork/dismissal.

There will be two fifteen-minute breaks

Instructor: Michael Furrey, ILM Services.

Date and Location: April 8, 2026, Egg Harbor City Fire Department, 631 Philadelphia Ave., Egg Harbor City (Atlantic County)

Accreditation:

3.5 Training Contact Hours for NJ-Licensed Water and Wastewater Operators.

TCH Course Number 04-032604-30

3.5 Hours toward license renewal for NJ Certified Public Works Managers:

DLGS-NJWA-308 (3.5 Technical)

Please plan to arrive at 8:00 am.

No more than four registrants per employer or system.

Pre-registration at www.njwater.org is required.

The New Jersey Water Association