

# **Why Disinfection? – Fundamentals, MCLS, and Investigating Water Borne Pathogens**

## **Learning Objectives**

Disinfection is fundamental to protecting the public health and has been in common practice in the United States for over 100 years. Once very common, waterborne disease outbreaks in the US are now rare. Does this mean that we have eliminated the threat from all the pathogenic organisms out there in the environment?

In this course, we will discuss:

- The differences between acute & chronic exposure
- How MCLs are established for the National Primary Drinking Water Standards
- Investigate waterborne pathogens and how people are exposed to them

## **Training Methods**

*Our training methods that will be applied, are interactive learning through the videos displayed on our website, WaterLMS. Attendees will have to take quizzes and tests, as well as being interactive throughout the whole duration of the course. They can not skip forward, and is required to be active for the duration of the course, being able to get the full experience out of our courses and prepare them for the real duties they will encounter.*

*Courses can be taken in a learning plan, all together or be taken individually.*

## **Course Content**

- Why Disinfection? – Fundamentals, MCLS, and Investigating Water Borne Pathogens
- General Course Survey

## **Course Outline**

1. *Why Disinfection? – Fundamentals, MCLS, and Investigating Water Borne Pathogens* 1 hrs

*Self- Paced*

*Total 1 hrs*

## **Student Assessment**

*Upon class completion, students will be tested using an open question & answer session, to ensure there is a general understanding of the materials presented during the course.*

**Instructor Bio:**

*Is strictly online, so no instructor is needed.*

***Please reach out if you have any questions, or is wanting to take the course yourself, to provide a better understanding of the ones we provide.***