

Agenda: Disinfection Fundamentals

In Partnership with Water Environment Federation



This online eLearning course is being offered in partnership with Water Environment Federation (WEF).

Summary - The Disinfection Fundamentals course reviews the need for disinfecting water and the most effective processes. This chapter is a subset of the Wastewater Treatment Fundamentals I: Liquid Treatment course.

Estimate to Complete - 8.5 hours

Chapter 10: Disinfection - Waterborne diseases arise from the contamination of water by any dozens of potential pathogens including viruses, bacteria, and protozoa. Disinfection inactivates microorganisms or reduces their numbers to safe levels where infection becomes unlikely. This chapter will describe the most commonly used disinfection practices including gaseous chlorine (Cl_2), sodium hypochlorite (NaOCl), calcium hypochlorite [$\text{Ca}(\text{ClO})_2$], and UV irradiation.

Final Assessment - Students need to answer 70% of the questions correct to pass the final assessment and receive credit for the Disinfection Fundamentals course.

DF: End of Course Survey (not included in est. 8.5 hours) - After passing the final assessment, students are directed to an end of course survey to evaluate the learning experience and provide license information to ensure the information in the LMS is correct.

Course Schedule: Disinfection Fundamentals

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Estimate to Complete - 8.5 hours

Module Title	Average Time to Complete
Chapter 10: Disinfection	8 hours
Final Assessment	4 hours
DF: End of Course Survey (not included in est. 8.5 hours)	Not applicable