

COURSE TITLE

Aquifer Remediation

COURSE DURATION

1 hour

OVERVIEW

This course is divided into two key chapters. First, we are going to review some of the most common sources of groundwater contamination. And, in the second half, we are going to review some remediation alternatives to help restore the water quality of the impaired underground water resources. Through this course, engineers, architects, planners, and contractors will learn about the most common contamination sources and the industry best practices used for groundwater aquifer remediation.

This training course has 4 learning modules with a 10-question exam.

PREREQUISITES

No prior knowledge is required.

BEHAVIORAL OBJECTIVES

After successfully completing this course, you will be able to:

- List the six main categories of groundwater contamination sources
- Describe at least three common sources of groundwater contamination
- Identify the three principal remediation goals for the restoration groundwater aquifers to safeguard the health, safety and welfare of the public.
- Define the three general strategies used for cleanup and remediation of groundwater aquifers

COURSE OUTLINE

- Introduction – 5 minutes
- Common Sources of Groundwater Contamination - 30 minutes
- Remediation Alternatives – 20 minutes
- Conclusion – 5 minutes

AVAILABILITY

This course is offered online and is available 24 hours a day, 7 days a week, 365 days a year.

TRAINING METHODOLOGY & EVALUATION

This course is self-paced online training. Review exercises reinforce the content, and students are evaluated with a multiple-choice exam. Upon completion, students are prompted to submit a course evaluation.

REFERENCES

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10. Cooper, H. H., Jr., J. D. Bredehoeft, and I. S. Papadopoulos, "Response of a Finite-Diameter Well to an Instantaneous Charge of Water," *Water Resources. Res.*, vol. 3, pp. 263-269, 1967.
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