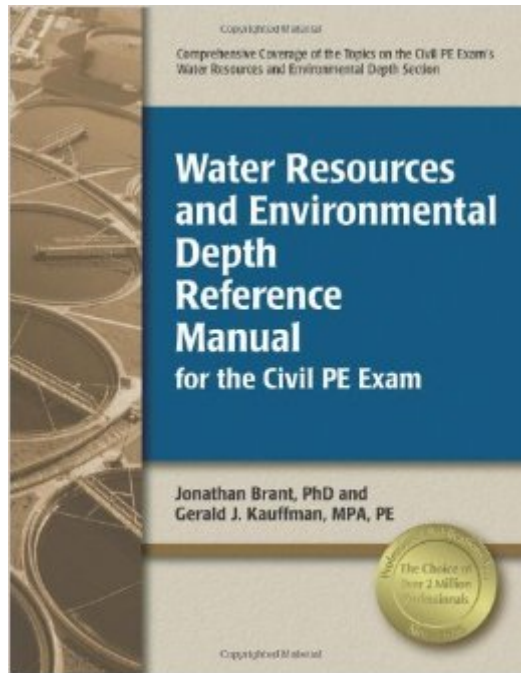


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Water Resources And Environmental Depth Reference Manual For The Civil PE Exam



Synopsis

To pass the Civil PE exam's water resources and environmental depth section, you'll need to be familiar with the exam topics and how to use relevant equations. The Water Resources and Environmental Depth Reference Manual for the Civil PE Exam provides comprehensive coverage of the exam topics. Detailed tables, figures, and appendices make it possible to solve many exam problems using the Depth Reference Manual alone. Example problems demonstrate how concepts are applied, and end-of-chapter problems provide opportunity for independent practice.

Comprehensive Reference and Practice for the Civil PE Exam's Water Resources and Environmental Depth Section

Clear, easy-to-understand explanations of water resources and environmental engineering concepts

A complete introduction to the water resources and environmental depth section of the Civil PE exam

An overview of the Ten States Standards

115 solved example problems

101 exam-like, end-of-chapter problems with complete solutions

230 equations, 65 tables, 102 figures, and 8 appendices

An easy-to-use index

Topics Covered

Activated Sludge

Environmental Remediation

Groundwater Engineering

Hazardous Waste and Pollutants

Hydraulics

"Closed Conduit Hydraulics"

"Open Channel Hydrology

Waste and Wastewater Composition and Chemistry

Wastewater Treatment

Water Treatment

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Customer Reviews

It's typically assumed you're going to have the big Lindeburg Civil Engineering Reference Manual

(CERM) for the PE exam, especially the morning section. This book bills itself as having all the extra information that you would need for the specialty afternoon session. However, there's not much in here that isn't already in the CERM. In fact, sometimes the CERM has *more* information on a given topic. I got this book and compared the sections, ultimately deciding that didn't offer any significant advantage over what was already in the CERM. The overlap of this book with the CERM is at least 80%. It has a few more step-by-step breakdowns, examples, and practice problems, but you'll need to spend a lot of time on PPI's errata site to correct all the errors in the book. It feels like pages were wasted with needlessly large graphics, lists, and tables that aren't going to be used on the exam. Save the hundred-plus dollars and carefully go through the CERM and a few of your water resources and environmental textbooks from school.

I was hoping this reference manual was going to be better. It seems like much of it was copied from the CERM and is full of typos (be sure to download the most current errata from PPI's website before test day). With that being said, the Water Resources and Environmental Depth Reference Manual is slightly useful for the PE exam. It covers topics such as stormwater collection inlets, gutter flow, street flow, flood plains/floodways, the momentum equation, cavitation, etc. which are not covered or are somewhat vague in the CERM. I would not recommend keeping this book for your engineering library, but it may help you get a couple more answers correct on PE exam.

As a comprehensive review of the water resources and environmental topics, it is a decent book. However, as a study guide for the PE, it is pretty worthless. It goes over the same topics as the CERM and doesn't provide much additional help. Taking the water resources PE exam just this spring, I thought this book might help both with studying and with during the exam, but I found that I barely used it for studying and didn't even use it during the exam. It is a decent book to have for the rest of my life at my desk at work if I need a quick review of certain topics, since it is better than the CERM, but there are better and cheaper options for that.

This book was not worth it at all. When you begin prep for the PE you buy things thinking you will need them and I found that this book was completely useless. Not worth purchasing as a matter of fact I'm not even a really big fan of the Lindeburg guy his books are overrated.

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