



# Basic Environmental Technology: Water Supply, Waste Management and Pollution Control (6th Edition)

By Jerry A. Nathanson M.S. P.E., Richard A. Schneider M.S. P.E.

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**Basic Environmental Technology: Water Supply, Waste Management and Pollution Control (6th Edition)** By Jerry A. Nathanson M.S. P.E., Richard A. Schneider M.S. P.E.

**The clear, up-to-date, practical, visual, application-focused introduction to modern environmental technology.**

Now fully updated, *Basic Environmental Technology, Sixth Edition* emphasizes applications while presenting fundamental concepts in clear, simple language. It covers a broad range of environmental topics clearly and thoroughly, giving students a solid foundation for further study and workplace success. This edition adds new coverage of environmental sustainability, integrated water management, low impact development, green building design, advanced water purification, dual water systems, new pipeline materials, hydraulic fracturing, constructed wetlands, single stream municipal solid waste recycling, plasma gasification of waste, updated EPA standards, and more. Hundreds of clear diagrams and photographs illuminate key concepts; practice problems and review questions offer students ample opportunity to deepen their mastery. Math is applied at a basic level, and all computations are fully explained with example problems; both U.S. and metric units are used. Students with less academic experience will also appreciate this text's review of basic math, and its basic primers on biology, chemistry, geology, hydrology, and hydraulics.

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This easy-to-read text will help technology students quickly understand the latest issues and techniques related to water supply, waste management, and pollution control. It provides:

- **Thorough, up-to-date, application-focused coverage of the field's key issues, challenges, and techniques:** Prepares students for success in roles involving hydraulics, hydrology, water quality, water pollution mitigation, drinking water purification, water distribution systems, sanitary sewers, stormwater management, wastewater treatment/disposal, municipal solid waste,

hazardous waste management, and the control of air and noise pollution

- **Simple and clear, with plenty of numerical examples and basic primers for less prepared students:** Written and designed for maximum accessibility, with introductory math and science primers for every student who needs them, and step-by-step walkthrough examples for all significant computations
- **Hundreds of diagrams and photos, and extensive pedagogical resources for faster, more intuitive learning:** Teaches visually and through example wherever possible; contains clear chapter summaries, an expanded glossary, and comprehensive, updated Instructor's materials

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- Sales Rank: #758768 in Books

- Published on: 2014-01-17
- Original language: English
- Number of items: 1
- Dimensions: 10.90" h x 1.00" w x 8.80" l, .0 pounds
- Binding: Hardcover
- 456 pages

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