

Slurry Trench Construction for Pollution Migration Control, by P. Spooner, R. Wetzell, C. Spooner, C. Furman, E. Tokarski, G. Hunt, V. Hodge and T. Robinson, Noyes Publications, Park Ridge, NY, 1985, 237 pages, \$36.

The problems of migration of soluble pollutants from uncontrolled hazardous waste sites has required the development of barrier techniques to stop the flow of groundwater with its attendant load of undesirable contaminants. This need resulted in this book which originally was a report commissioned by the U.S. Environmental Protection Agency and compiled by JRB Associates.

Major chapters include:

- Theory of slurry and back-fill function (with bentonite slurries and formulations)
- Slurry wall application
- Site investigation and characterization
- Design and construction of slurry walls
- Slurry wall monitoring and maintenance
- Evaluation procedures

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Emergency Action Guides, by P.C. Conlon and A.M. Mason (Eds.), American Association of Railroads, 1920 L Street, NW, Washington, DC, 800 pages approximately.

This is potentially the most useful book to come across my desk since the U.S. Coast Guard CHRIS Manuals were published over ten years ago. The core of the book are the Emergency Action Guides for 134 different chemicals that combined make up 98% of the volume of the hazardous materials carried by U.S. railroads. Data reported for each chemical include:

- General Hazards: threshold odor concentration, STEL, TLV, conditions to avoid
- Health Hazards: public health, skin, eye contact, inhalation, ingestion
- Fire Hazards: lower and upper flammable limits, behavior in fire, hazardous combustion products
- Explosive Hazards
- Protective Clothing and Equipment
- First Aid
- Fire Response
- Spill Response
- Air Spills
- Land Spills
- Water Spills
- NFPA Hazard Diamond