

# **A Manual for Training Reclamation Inspectors in the Fundamentals of Hydrology**

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# Foreword

This handbook is intended to be a desk reference to help nonhydrologists achieve a basic understanding of hydrology as it relates to surface mining and reclamation. Surface coal mining and reclamation inspectors and other staff will find it useful in implementing regulatory programs. The handbook is not meant to be a comprehensive treatment of the subject. The handbook can be used in the training of surface mining and reclamation inspectors, both Federal and State, and as a basic reference for inspectors in carrying out their assigned duties. The handbook describes clues and indicators of potential problems, suggests ways to prevent or mitigate them, and discusses various observation and sampling techniques.

The use of trade names in this publication is for the information and convenience of the reader. Such use does not constitute an official endorsement or approval by the Office of Surface Mining, the U. S. Department of Agriculture, or the Forest Service of any product to the exclusion of others that may be suitable.

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