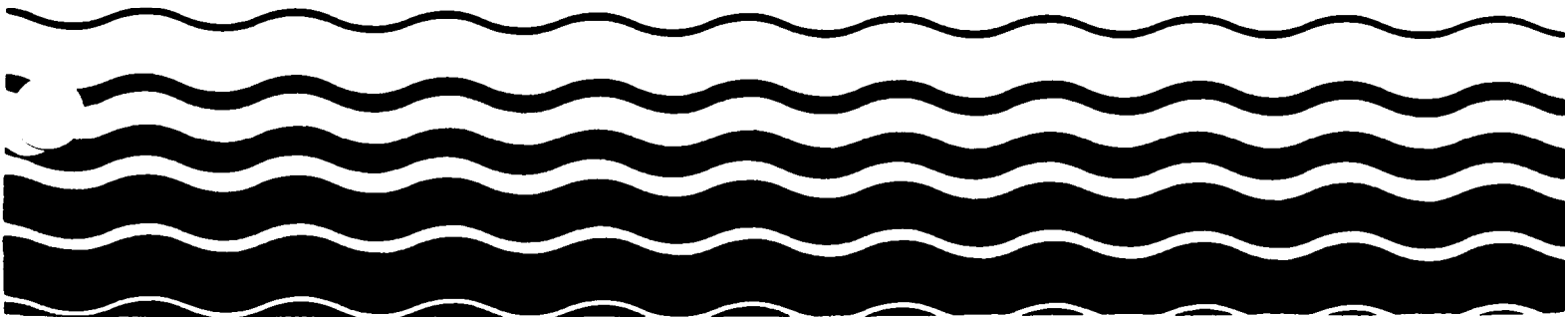




A COPY OF THIS MANUAL IS AVAILABLE UPON REQUEST.

# **PERMIT WRITER'S GUIDE TO WATER QUALITY-BASED PERMITTING FOR TOXIC POLLUTANTS**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
WATER

MEMORANDUM

FEB 20 1987

SUBJECT: Permit Writer's Guide to Water Quality-based  
Permitting for Toxic Pollutants

TO: Regional Water Management Division Directors  
NPDES State Program Directors

FROM: James R. Elder, Director  
Office of Water Enforcement  
and Permits (EN-336)

William A. Whittington, Director  
Office of Water Regulations  
and Standards (WH-551)

Attached is the final Permit Writer's Guide to Water Quality-based Permitting for Toxic Pollutants. It has been reviewed by Regional, State, and Headquarters staff and is ready for use by the Regions and States.

The purpose of this guidance document is to provide step-wise procedures for use by NPDES permit writers faced with issuing water quality-based permits for toxic pollutants. It complements the more detailed Technical Support Document for Water Quality-based Toxics Control (TSD) issued as guidance to the States and Regions in September 1985.

The Permit Writer's Guide gives background information to permit writers unfamiliar with aspects of water quality permitting and step-by-step permit limit derivation procedures. These permit limit procedures are based entirely on the recommendations found in the TSD, but present them in a more straightforward manner. Also, a section of the Permit Writer's Guide is devoted to Toxicity Reduction Evaluations (TREs). Although detailed procedural guidance is not given for conducting TREs, the basic process is described and case examples are given.

The recommendations contained in this document are not mandatory. They are intended to support water quality-based toxics control efforts by Regional and State regulatory authorities. Additional copies of the document will be sent to each Regional Office for distribution once they are typeset and printed.

Attachment

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