PERMISSION TO PHOTOCOPY JOURNAL PAPERS

Permission to photocopy for personal or internal reference beyond the limits in Sections 107 and 108 of the U.S. Copyright Law is granted by the American Society of Civil Engineers for libraries and other users registered with the Copyright Clearance Center, 21 Congress Street, Salem, Mass. 01970, provided the appropriate fee is paid to the CCC for all articles bearing the CCC code. Requests for special permission or bulk copying should be addressed to the Manager of Technical and Professional Publications, American Society of Civil Engineers.

CONTENTS

Discharge Assessment in Compound Channel Flow	
by Peter Richard Wormleaton, John Alle	n, and Panos Hadjipanos975
Vertical Turbulent Diffusion in Air-Drive	en Water Flows
by Louis H. J. Goossens, Hans J. A. van	n Pagee, and Piet J. Tessel995
Resistance to Flow in Alluvial Channels	
by Gerd Holtorff	1010
Self-Aerated Flow in Steep, Partially Fill	
by Peter U. Volkart	1029
Stability of Armour Layers in Rivers	
by Arved J. Raudkivi and Robert Ettema	1047

The Journal of the Hydraulics Division (ISSN 0044-796X) is published monthly by the American Society of Civil Engineers. Publications office is at 345 East 47th Street, New York, N.Y. 10017. Address all ASCE correspondence to the Editorial and General Offices at 345 East 47th Street, New York, N.Y. 10017. Allow six weeks for change of address to become effective. Subscription price to members is \$19.50. Nonmember subscriptions available; prices obtainable on request. Second-class postage paid at New York, N.Y. and at additional mailing offices. HY.

POSTMASTER: Send address changes to American Society of Civil Engineers, 345 East 47th Street, New York, NY 10017.

The Society is not responsible for any statement made or opinion expressed in its publications.