CONTENTS

by Willard Bascom					1
Factors Affecting Nitrification by Melvin R. Hockenbury, Glen T. Daigger, and C. P. Leslie Grady, Jr.	•	٠		•	9
Unstratified-Bed Filtration of Wastewater by Mohamed F. Dahab and James C. Young					21
Health Considerations in Use of Tertiary Effluents by Robert C. Cooper					37
Water Quality Impacts of Urbanization—A Methodology by Kazi F. Jalal			•		49
Predicting Dispersion Coefficient of Streams by Henry Liu	٠				59
Conceptual Model for Activated Sludge Processes by Anthony F. Gaudy, Jr., Rengachary Srinivasaraghavan, and Medhot Saleh					71
Treatment of Cooling Tower Blowdown by Jack V. Matson					
Game Theory Approach to Design under Uncertainty by Peter M. Meier					

This Journal is published bimonthly 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 \$10.00. Nonmember subscriptions available; prices obtainable on request. Second-class postage paid at New York, N.Y. and at additional mailing offices. EE, EM, TE.

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

by Keith W. Bedford and Christos Babajimopoulos
DISCUSSION
Proc. Paper 12702
Physicochemical Approach to Water and Wastewater Filtration, by Mriganka M. Ghosh, Thomas A. Jordan, and Ronald L. Porter (Feb., 1975. Prior Discussion: Feb., 1976). closure
Effect of Media Intermixing on Dual Media Filtration, by John L. Cleasby and Gary D. Sejkora (Aug., 1975. Prior Discussion: Aug., 1976). closure
Water Supplies for Low-Income Communities in Developing Countries, by Richard G. Feachem (Oct., 1975. Prior Discussions: Apr., Aug.,
1976). closure
Some Features of Wind Action on Shallow Lakes, by Robert B. Banks (Oct., 1975. Prior Discussion: Aug., 1976). closure
Atmospheric Reaeration in a River Using Productivity Analysis, by George M. Hornberger and Mahlon G. Kelly (Oct., 1975. Prior Discussion: Aug., 1976).
closure
Feedlot Wastes to Useful Energy—Fact or Fiction? by Lawrence A. Schmid (Oct., 1975. Prior Discussion: Aug., 1976). closure
Design Graphs for Activated Sludge Process, by Michael D. Mynhier and C. P. Leslie Grady, Jr. (Oct., 1975. Prior Discussions: Apr., Aug., 1976). closure
Cost and Pricing Relationships in Water Supply, by Robert M. Clark (Apr., 1976). by Harris F. Seidel

^aDiscussion period closed for this paper. Any other discussion received during this discussion period will be published in subsequent Journals.

Energy Recovery from Refuse—State-of-the-Art, by John Payne (Apr., 1976).	
errata	139
Distribution of BOD and DO in Rivers and Lakes, by Robert B. Banks (Apr., 1976).	
by Narendra K. Pareet	139
Is Undergraduate Environmental Engineering Education Desirable? ^a by P. Walton Purdom (Apr., 1976).	
by J. Paul Hartman and Waldron M. McLellon	141
Theory of Storage and Treatment-Plant Overflows, by Charles D. D. Howard (Aug., 1976).	
errata	142
Optimization of Water Distribution Network Systems, by Arun K. Deb (Aug., 1976).	
Kenneth D. Kerri	143

INFORMATION RETRIEVAL

The key words, abstract, and reference "cards" for each article in this Journal represent part of the ASCE participation in the EJC information retrieval plan. The retrieval data are placed herein so that each can be cut out, placed on a 3×5 card and given an accession number for the user's file. The accession number is then entered on key word cards so that the user can subsequently match key words to choose the articles he wishes. Details of this program were given in an August, 1962 article in CIVIL ENGINEERING, reprints of which are available on request to ASCE headquarters.

^a Discussion period closed for this paper. Any other discussion received during this discussion period will be published in subsequent Journals.