

CONTENTS

Papers	Page
THE CHALLENGE OF SOLID WASTES RESEARCH by Ross E. McKinney	1
HYDROLOGY OF WATER QUALITY DILUTION REQUIREMENTS by Malcolm F. Kallus and Jack W. Keeley	7
MIXING AND DISPERSION STUDIES IN SAN FRANCISCO BAY by Thomas E. Bailey, Charles A. McCullough, and Charles G. Gunnerson	23
SAND FILTRATION OF PARTICULATE MATTER by Eric Davis and Jack A. Borchardt	47
EXPERIMENTAL EVALUATION OF SAND FILTRATION THEORY by David M. Fox and John L. Cleasby	61
THE RUHR AND THE DELAWARE by Allen V. Kneese	83

DISCUSSION

Proc. Paper 4920

EFFECT OF BENTHIC ALGAE ON STREAM DISSOLVED OXYGEN, by Richard L. O'Connell and Nelson A. Thomas (June, 1965). Prior Discussion: Oct., 1965, Feb., 1966). closure	95
--	----

This Journal is published bi-monthly by the American Society of Civil Engineers. Publications office is at 2500 South State Street, Ann Arbor, Michigan, 48104. Editorial and General Offices are at 345 East 47th Street, New York, N.Y. 10017. Subscription price is \$8.00 per year with discounts to members and libraries. Second-class postage paid at Ann Arbor, Michigan. EM, HY, SA, SM, ST.

	Page
MANIFOLDS, ROTATING AND STATIONARY ^a , by Chester J. Ordon (Feb., 1966). by Joseph B. Franzini	126
RATIONAL ASPECTS OF SPLIT TREATMENT LIME SOFTENING ^a , by John L. Cleasby and James H. Dillingham (Apr., 1966). correction	127
FIELD TECHNIQUES FOR EVALUATING AERATORS ^a , by Richard A. Conway and Gordon W. Kumke (Apr., 1966). by Ross E. McKinney	127
FEDERAL WATER POLLUTION CONTROL LABORATORIES ^a , by David H. Howells (Apr., 1966). by John J. Baffa	129
EFFECTS OF N ₂ AND CO ₂ ON ANAEROBIC DIGESTION ^a , by Kenneth E. Hartz and R. Rupert Kountz (Apr., 1966). by Henry A. Dirasian	131

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