

---

---

Journal of the  
SANITARY ENGINEERING DIVISION  
Proceedings of the American Society of Civil Engineers

---

---

SANITARY ENGINEERING DIVISION  
EXECUTIVE COMMITTEE

John B. Nesbitt, Chairman; William W. Aultman, Vice-Chairman;  
Paul D. Haney; R. E. Stiemke; Raymond C. Loehr, Secretary;  
Samuel I. Zack, Board Contact Member

COMMITTEE ON PUBLICATIONS

Roy E. Ramseier, Chairman; William A. Cawley; Earnest Gloyna;  
Raymond C. Loehr; James M. Symons

CONTENTS

June, 1965

Papers

	Page
Effect of Benthic Algae on Stream Dissolved Oxygen by Richard L. O'Connell and Nelson A. Thomas . . . . .	1
Dispersion Measurement in Open Channels by Calvin C. Patterson and Earnest F. Gloyna . . . . .	17
An Oxidation Pond as a Tertiary Treatment Device by Raymond C. Loehr and Ralph L. Stephenson . . . . .	31
Compartmentalization of Aeration Tanks by William F. Milbury, Wesley O. Pipes, and Robert B. Grieves . . . . .	45
(over)	

---

Copyright 1965 by the American Society of Civil Engineers

Note.—Part 2 of this Journal is the 1965-26 Newsletter of the Sanitary Engineering Division.

The three preceding issues of this Journal are dated December, 1964, February, 1965, and April, 1965.

	Page
Role of Protozoa in the Diphasic Exertion of BOD by Manmohan N. Bhatla and Anthony F. Gaudy, Jr. . . . .	63
Filtration Through Size-Graded Media by Ernest W. J. Diaper and Kenneth J. Ives . . . . .	89

---

DISCUSSION

---

Kinetics of Aerobic Removal of Organic Wastes, by K. Keshavan, V. C. Behn, and W. F. Ames. (February, 1964. Prior discussion: August, October, 1964. Discussion closed.) by K. Keshavan, V. C. Behn, and W. F. Ames (closure) . . . . .	117
Equilibria and Capacities for Adsorption on Carbon, by Walter J. Weber, Jr., and J. Carrell Morris. (June, 1964. Prior discussion: Feb- ruary, 1965. Discussion closed.) by Walter J. Weber, Jr., and J. Carrell Morris (closure) . . . . .	121
Population Forecasting by Sanitary Engineers, by Frederick E. McJunkin. (August, 1964. Prior discussion: December, 1964, April, 1965. Discussion closed.) errata . . . . .	123
Quality Aspects of Waste Water Reclamation, by Paul R. Bonderson. (October, 1964. Prior discussion: February, 1965. Discussion closed.) by George A. Whetstone . . . . .	124
Estuarine Water Quality Management and Fore- casting, by Robert V. Thomman and Matthew J. Sobel. (October, 1964. Prior discussion: None. Discussion closed.) by Hugo B. Fischer . . . . . by Carl A. Rambow . . . . .	126 128
Analysis of Biological Filter Variables, by William S. Galler and Harold B. Gotaas. (December, 1964. Prior discussion: None. Discussion closed.) by Karl L. Schulze . . . . . by John W. Hernandez, Jr. . . . .	129 131

	Page
Water for the World—Desalinization, by Donald F. Othmer. (February, 1965. Prior discussion: None. Discussion closes July 1, 1965.) by C. Scott Clark and F. Pierce Linaweaver, Jr. . . . .	135
Second Order Equation for BOD, by James C. Young and John W. Clark. (February, 1965. Prior discussion: None. Discussion closes July 1, 1965.) by K. Keshavan . . . . .	136
by Walter J. Weber, Jr., and Roger H. Carlson . . . . .	140