Journal of the

SANITARY ENGINEERING DIVISION

Proceedings of the American Society of Civil Engineers

SANITARY ENGINEERING DIVISION EXECUTIVE COMMITTEE

Dwight F. Metzler, Chairman; Robert E. Stiemke, Vice-Chairman; H. Loren Thompson; John B. Nesbitt; David H. Howells, Secretary Samuel I. Zack, Board Contact Member

COMMITTEE ON PUBLICATIONS

Roy E. Ramseier, Chairman; William W. Aultman, Vice Chairman; William A. Cawley; Werner N. Grune; James M. Symons David H. Howells, Executive Committee Contact Member

CONTENTS

August, 1963

Papers

	Page
Fluorescent Tracers for Dispersion Measurements by Donald L. Feuerstein and Robert E. Selleck	1
Waste Disposal in Tidal Waters by Alex N. Diachishin	23
Nuclear Power in the Antarctic Environment by Philip W. Brewer	45
(over)	

Copyright 1963 by the American Society of Civil Engineers.

Note.—Part 2 of this Journal is the 1963-30 Newsletter of the Sanitary Engineering Division.

The three preceding issues of this Journal are dated January 1963, April 1963, and June 1963.

	Page
Coliform Standards for Recreational Waters Progress Report of the Public Health Activities Committee of the Sanitary Engineering Division	57
Oxygen Relationships in the Sacramento River	٠.
by Charles G. Gunnerson and Thomas E. Bailey	95
	
DISCUSSION	
Stabilization Pond as a Nitrate Reducing Reactor, by E. J. Hermann. (September, 1962. Prior discussion: None. Discussion closed.) by William J. Oswald	127
Activated Sludge Kinetics and Effluent Quality, by A. W. Busch. (November, 1962. Prior discussion: June, 1963. Discussion closed.) by A. W. Busch (closure)	131
Billion-Dollar River Clean-up, by Edward J. Cleary. (November, 1962. Prior discussion: April, June, 1963. Discussion closed.) by G. A. Howell	133
Functional Design of Rapid Sand Filters, by H. E. Hudson, Jr. (January, 1963. Prior discussion: June, 1963. Discussion closed.) by K. J. Ives	135
Free Energy as a Parameter in Biological Waste Treatment, by J. A. Servizi and R. H. Bogan. (June, 1963. Prior discussion: None. Discussion closes November 1, 1963.)	139
by A. W. Busch	139