Journal of the SANITARY ENGINEERING DIVISION

Proceedings of the American Society of Civil Engineers

SANITARY ENGINEERING DIVISION EXECUTIVE COMMITTEE

Ray E. Lawrence, Chairman; Lewis A. Young, Vice-Chairman; Richard R. Kennedy; John J. Baffa; Arthur D. Caster, Secretary

COMMITTEE ON PUBLICATIONS I. W. Santry, Chairman

CONTENTS

January, 1959

Papers

	Page
Discussion	3
Field Test of the Movement of Radioactive Cations by Ben B. Ewing	39
Treatment of Liquid Radioactive Wastes by Conrad P. Straub	61
Water Pollution in Our Changing Environment by C. H. Atkins	69
Radioactive Pollutants by the Committee on Atmospheric Pollution of the Sanitary Engineering Division	7 5

Page

Journal of the

SANITARY ENGINEERING DIVISION

Proceedings of the American Society of Civil Engineers

CONTENTS

DISCUSSION

	-
Writing Engineering Specifications—For Quality, Not Price, by Morris M. Cohn. (Proc. Paper 1179, February, 1957. Prior discussion: 1349. Discussion closed.)	*
Flow of Concentrated Raw Sewage Sludges in Pipes, by Sterling G. Brisbin. (Proc. Paper 1274, June, 1957. Prior discussion: 1466, 1557. Discussion closed.)	*
Vortex Flow Through Horizontal Orifices, by J. C. Stevens and Richard Kolf. (Proc. Paper 1461, December, 1957. Prior discussion: 1614, 1688. Discussion closed.) by J. C. Stevens and Richard Kolf (closure)	3
Media Characteristics in Water Filtration, by Gaurchandra Ghosh. (Proc. Paper 1533, February, 1958. Prior discussion: 1688. Discussion closed.) by Gaurchandra Ghosh (closure)	11
Sewage Disposal in Santa Monica Bay, California, by C. G. Gunnerson. (Proc. Paper 1534, February, 1958. Prior discussion: 1786. Discussion closed.) by C. G. Gunnerson (closure)	17
SED Research Report No. 19 Sewage Treatment by Lagoons, by Sanitary Engineering Research Committee, Sewage Treatment Section. (Proc. Paper 1678, June, 1958. Prior discussion: 1855. Discussion closed.) by Herbert Moore	19
Forced Circulation of Large Bodies of Water, by Thomas M. Riddick. (Proc. Paper 1703, July, 1958. Prior discussion: none. Discussion closed.) by C. H. J. Hull	21
(over)	

Note: Paper 1921 is part of the copyrighted Journal of the Sanitary Engineering Division, Proceedings of the American Society of Civil Engineers, Vol. 85, SA 1, January, 1959. *There will be no closure.

	Page
Design Details for Individual Sewage Disposal Systems, by Harrison Martin. (Proc. Paper 1715, July, 1958. Prior discussion: none. Discussion closed.) by Louis Finaly	25
Controlled Submergence of Pittsburgh's Deep Sewers, by J. F. Laboon. (Proc. Paper 1717, July, 1958. Prior discussion: none. Discussion closed.) by Edwin B. Cobb and Allen J. Burdoin	27
Proposed Changes in Eastern Water Use Policies, by Murry Stein. (Proc. Paper 1777, September, 1958. Prior discussion: 1855. Discussion open until February 1, 1959.) by Samuel A. Greeley	33
Planning the Future for Chicago's Water System, by W. W. DeBerard. (Proc. Paper 1782, September, 1958. Prior discussion: none. Discussion open until February 1, 1959.) by Charles H. Capen	35
Forests and Water Yield, by Nadavia Bethlamy. (Proc. Paper 1848, November, 1958. Prior discussion: none. Discussion open until April 1, 1959.) by J. C. Stevens	37
	31