

Sixty-first Annual Meeting Papers

Symposium on

RADIOACTIVITY IN INDUSTRIAL WATER AND INDUSTRIAL WASTE WATER



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SYMPOSIUM ON RADIOACTIVITY IN INDUSTRIAL WATER AND INDUSTRIAL WASTE WATER

Presented at the
SIXTY-FIRST ANNUAL MEETING
Boston, Mass., June 26, 1958
AMERICAN SOCIETY FOR TESTING MATERIALS



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FOREWORD

This symposium on Radioactivity in Industrial Water and Industrial Waste Water reflects the increasing need for detection and control of contamination of water by radioactive waste from atomic energy installations.

The papers in this symposium were presented June 26, 1958, at the thirty-eighth session of the Sixty-first Annual Meeting of the Society, Boston, Mass. The symposium, sponsored by ASTM Committee D-19 on Industrial Water, was held in conjunction with the reading of the Annual Report of Committee D-19 and the presentation of the Max Hecht Award to F. R. Owens, Cyrus William Rice and Co., Inc., Pittsburgh, Pa.

Because it complements the papers presented at Boston, another paper of great practical value has been included in this volume. The paper, "Analysis of Radioactivity in Surface Waters—Practical Laboratory Methods," by L. R. Sutter, G. R. Hagee, and C. P. Straub, first appeared in the ASTM BULLETIN, No. 227, Jan., 1958, p. 35 (TP 1).

Mr. A. R. Belyea, Consolidated Edison Co. of N. Y., Inc., acted as symposium chairman and presided over the session.

NOTE.—The Society is not responsible, as a body, for the statements
and opinions advanced in this publication.

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THIS PUBLICATION is one of many issued by the American Society for Testing Materials in connection with its work of promoting knowledge of the properties of materials and developing standard specifications and tests for materials. Much of the data result from the voluntary contributions of many of the country's leading technical authorities from industry, scientific agencies, and government.

Over the years the Society has published many technical symposiums, reports, and special books. These may consist of a series of technical papers, reports by the ASTM technical committees, or compilations of data developed in special Society groups with many organizations cooperating. A list of ASTM publications and information on the work of the Society will be furnished on request.