PROCEEDINGS

The Surgeon General's Conference on Solid Waste Management

FOR METROPOLITAN WASHINGTON

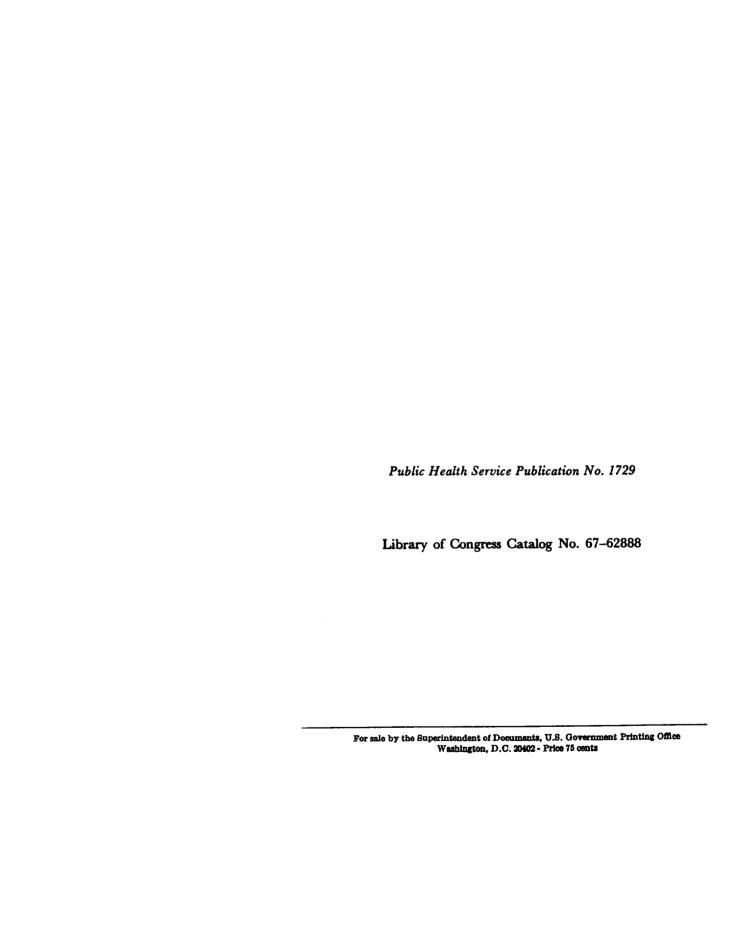
July 19-20, 1967

Edited by Leo Weaver

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service

NATIONAL CENTER FOR URBAN AND INDUSTRIAL HEALTH
Solid Wastes Program
CINCINNATI

1967



FOREWORD

Several months have gone by since we met to discuss Metropolitan Washington's area-wide solid waste management problems. Since that time, much has happened and I believe significant progress has been made toward the solution of these problems. One important action was the announcement by the Secretary of the Interior and the Engineer Commissioner of the District of Columbia of a timetable of 60 to 90 days for the conversion of Kenilworth from an open burning dump to a sanitary landfilling demonstration for community improvement.

The Kenilworth Dump has long been an ugly, enormous, burning pile of solid waste, befouling the air of our nation's capital with great plumes of smoke. It has been a menace to health in Washington, D.C. and its environs. Unfortunately, in other cities and towns across the nation, similiar dumps pose the same problem.

The idea of getting rid of the Kenilworth Dump was a top priority subject for discussion in the proceedings that make up the subject of this volume. It is a pleasure to be able to report, so soon after the conference, that the meeting stirred prompt action.

But much remains to be done. In calling the conference I stressed that lack of technology is not the real barrier to safe and sanitary solid waste disposal. The barriers are chiefly political and economic. The local governments of the Washington area, working together toward a common solution, constitute the vital force required to achieve the environmental health benefits inherent in effective solid wastes management. The many salutary comments received indicate the conference answered both a regional and a national need. Certainly it has put the Washington area problems of solid waste management in better perspective and created a more favorable environment for innovative solutions.

The conference approach itself is applicable to our many metropolitan areas. The conference format, together with input from the well-chosen speakers with various viewpoints, present in these proceedings a valuable dialogue concerning the problem here in the Washington area and elsewhere in the country.

WILLIAM H. STEWART Surgeon General

November 1967 Bethesda, Maryland

CONFERENCE STAFF

JEROME H. SVORE General Chairman

LEO WEAVER

Executive Secretary

G.LaMar Hubbs

Deputy Executive Secretary

Leroy Stone and John T. Talty

Program Officers

KENNETH FLIEGER

Information Officer

JOAN F. TUDOR

Administrative Officer

Secretaries and Aides

Barbara K. Apostol Jacquelyn S. Jordan Sandra L. Loos GERRI METSCH ERNESTINE ROGERS LINDA TRAVERS

Special appreciation for assistance and cooperation is extended to the staff of the National Center for Air Pollution Control and the Training Program of the National Center for Urban and Industrial Health.

CONTENTS

First Plenary Session	I	PAGE
WELCOME TO THE CONFERENCE, Leo Weaver	,	. 1
INTRODUCTION OF KEYNOTE SPEAKERS, Jetome H. Svote		. 3
Keynote Address, William H. Stewart	,	. 5
Keynote Address, Joseph D. Tydings		. 9
HEALTH ASPECTS OF SOLID WASTE DISPOSAL, Richard A. Prindle		. 15
Luncheon Address: Politics and Trash, Royce Hanson		. 21
Second Plenary Session		
PANEL A: PRESENT PRACTICES AND NEEDS IN THE METROPOLITAN AREA		. 25
Solid Waste Disposal Study for the Washington Metropolitan Area, L. W. Bremser		. 25
Air Pollution and Solid Waste Disposal Practices John T. Middleton		. 35
Solid Waste Handling by Federal Installations Fred W. Binnewies		. 41
Solid Waste Handling by Federal Installations William H. Eastman		. 45
Abandoned and Scrap Automobiles, William A. Vogely		. 51
LEGISLATIVE NEEDS FOR A METROPOLITAN SOLID WASTE DISPOSAL PROGRAM, John J. Bosley		. 61
OPEN DISCUSSION: PANEL A	•	. 65
PANEL B: TECHNOLOGY TODAY		. 73
Transportation Systems, Robert D. Bugher	•	. 73
LAND RECLAMATION, Frank R. Bowerman	•	. 87
REFUSE REDUCTION PROCESSES, Elmer R. Kaiser		. 93

V

PAG	Æ
RECYCLING AND UTILIZATION, C. I. Harding)5
OPEN DISCUSSION: PANEL B	:1
PANEL C: DEVELOPMENT OF A REGIONAL SOLID WASTE DISPOSAL PLAN . :	31
The Need For Long-Range Planning For A Solid Waste Disposal Plan, Paul M. Reid	31
Administrative Problems in the Regional Approach To Solid Waste Management, Ross L. Clark	39
Public Administration Aspects of Area-Wide Planning Hugh Mields, Jr	1 9
Assistance Available Under the Solid Waste Disposal Act Richard D. Vaughan	55
OPEN DISCUSSION: PANEL C	63
LUNCHEON Address, William B. Spong, Jr	67
Third Plenary Session	
Summaries by Panel Chairmen, Achilles M. Tuchtan, Abraham Michaels, and Walter A. Scheiber	73
Conference Summary — A Pattern For Action, Leo Weaver 18	85
CONFERENCE ADJOURNMENT, Jerome H. Svore	89