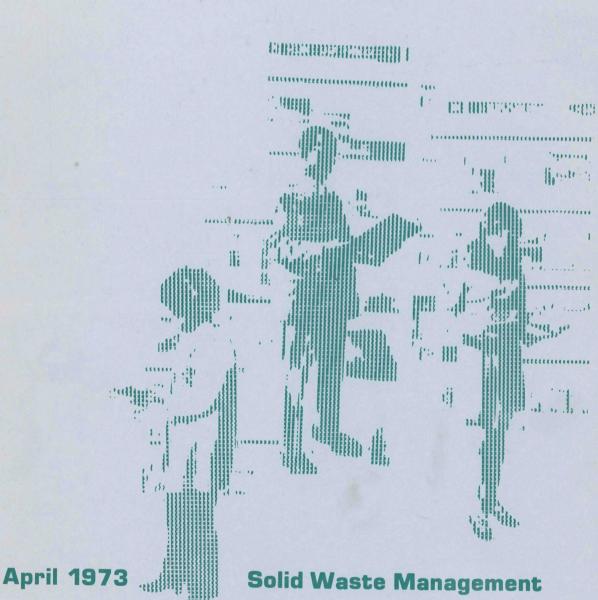
# **Available Information Materials**



### SOLID WASTE MANAGEMENT

Available Information Materials

Report SW-58.18

U.S. ENVIRONMENTAL PROTECTION AGENCY

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### **FOREWORD**

The importance of collecting and making available the information pertaining to solid-waste-related research, demonstration projects, and other activities was emphasized by the specific authorization contained in Section 204(b) of the Solid Waste Disposal Act, Public Law 89-272. The present booklet lists publications and other educational materials that have been collected or published by the U.S. Environmental Protection Agency in response to this directive.

--SAMUEL HALE, JR.

Deputy Assistant Administrator
for Solid Waste Management

### INTRODUCTION

The solid waste management information materials available from the U.S. Environmental Protection Agency (EPA) are from various sources. There are EPA publications and other materials reporting on results of the research, development, and demonstrations in progress, which are authorized by the Solid Waste Disposal Act of 1965, as amended by the Resource Recovery Act of 1970. This far-reaching Federal program of grants and contracts has generated solid-waste-related projects in many fields. The reports from the grantees and contractors are being published by EPA as soon as available. Presentations and policy statements by key personnel and results of technical investigations conducted by EPA staff are printed by EPA, or submitted to professional journals so that the reports will reach the most appropriate audience. In the latter case, reprints are frequently purchased and distributed by EPA. Conference proceedings, findings of various commissions and study groups, and other collateral literature are also made available as supplies Certain of the items have been grouped in various combinations in special information kits.

The publications listed herein are arranged in the categories that we have found useful in answering inquiries; they may appear in more than one category. For convenience in ordering and to expedite distribution, each publication has been assigned a permanent order number, and single copies may be ordered by using the form at the back of this

catalog. In addition to the approximately 275 titles that are available from us and the Superintendent of Documents, we are now listing a group of EPA publications on solid waste management that are available only from the Department of Commerce National Technical Information Service (NTIS). Certain of our reports on grant and contract activities have been published through NTIS because of the need to make this technical data available to a larger technical audience as speedily as possible. The reader must request these directly from NTIS, as indicated on page 45.

In gathering together and publishing this body of information on solid waste management, EPA hopes to assist those engaged in the task of finding ways to manage the Nation's burden of solid wastes. The Agency hopes, too, that by indicating the breadth of the solid waste management field, additional people may be attracted into the field—as investigators, as engineers, as managers—wherever their talent fits. And, most important, we hope that the American citizen will see in the publications and other materials available here, evidence of progress made and of the need for continued effort in response to the solid—waste—related legislation enacted by the Congress.

--THOMAS F. WILLIAMS, Director Technical Information Staff

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- 314. Don't leave it all to the experts; the citizen's role in environmental decision making. Washington, U.S. Government Printing Office, Nov. 1972. 20 p.
- 207. Films tell the story. [Film list.] 2d ed. Washington, U.S. Government Printing Office, 1973. Flyer. 6 p.
- \* Generation of steam from solid wastes. Metcalf & Eddy, Inc., and City of Lynn, Massachusetts. U.S. Environmental Protection Agency, 1972. [139 p.] (Distributed by National Technical Information Service, Springfield, Va., as PB-214 166.)
- \* Identification of opportunities for increased recycling of ferrous solid waste. W. J. Regan, R. W. James, and T. J. McLeer.

<sup>\*</sup>Not available from the Environmental Protection Agency.

- U.S. Environmental Protection Agency, 1972. 391 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-213 577.)
- \* Incentives for recycling and reuse of plastics. J. Milgrom.
  U.S. Environmental Protection Agency, 1972. [316 p.]
  (Distributed by National Technical Information Service,
  Springfield, Va., as PB-214 045.)
- 316. Incentives for recycling and reuse of plastics; a summary report.

  [Cincinnati], U.S. Environmental Protection Agency, 1973.

  18 p.
- 122. Municipal-scale incinerator design and operation. Formerly titled "Incinerator guidelines--1969." J. DeMarco, D. J. Keller, J. Leckman, and J. L. Newton. Public Health Service Publication No. 2012. Washington, U.S. Government Printing Office, 1969. 98 p. Reprinted 1973.
- 319. Patent abstracts; international solid waste management, 1945-1969. Washington, U.S. Government Printing Office, 1973. 437 p.
- 317. Patent abstracts; United States solid waste management, 1945-1969.

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  Service Publication No. 1793. Washington, U.S. Government
  Printing Office, 1973. 452 p. Suppl. A.
  - \* Ski mountain; a conceptual feasibility study in solid waste management. Metropolitan Sanitary District of Greater Chicago. U.S. Environmental Protection Agency, 1972.
    [324 p.] (Distributed by National Technical Information Service, Springfield, Va., as PB-213 697.)
- 311. Solid Waste Demonstration Projects; Proceedings of a Symposium, Cincinnati, May 4-6, 1971. P. L. Stump, comp. Washington, U.S. Government Printing Office, 1972. 256 p.
  - \* Solid waste and fiber recovery demonstration plant for the City of Franklin, Ohio; an interim report. N. T. Neff. U.S. Environmental Protection Agency, 1972. 83 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-213 646.)
- \* Solid waste transfer stations; a state-of-the-art report on systems incorporating highway transportation. T. A. Hegdahl. U.S. Environmental Protection Agency, 1972. 160 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-213 511.)

<sup>\*</sup>Not available from the Environmental Protection Agency.

- 313. Waste not, want not. Washington, U.S. Government Printing Office, 1972. Flyer. 2 p.
- 315. What the people want you to do with solid waste. L. Sharpe.

  APWA Reporter, 40(1):8-9, Jan. 1973. Reprinted, [Cincinnati],

  U.S. Environmental Protection Agency, 1973. 2 p.

## **Titles, NTIS Reports**

The following solid waste management publications are available from the National Technical Information Service, U.S. Department of Commerce, Springfield, Virginia 22151.

- Appendix A: codification of solid waste management authority in Kentucky. Kentucky State Department of Health. U.S. Environmental Protection Agency, 1971. 175 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-201 205. HC\* \$3.00; MF† \$0.95.)
- Baling solid waste to conserve sanitary landfill space; a feasibility study. City of San Diego. U.S. Environmental Protection Agency, 1973. 89 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-214 960. HC \$4.85; MF \$0.95.)
- Collection, reduction, and disposal of solid waste in high-rise multifamily dwellings. National Academy of Sciences--National Research Council. U.S. Environmental Protection Agency, 1971. 169 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-197 623. HC \$3.00; MF \$0.95.)
- Combustion power unit-400; CPU-400; a technical abstract. Combustion Power Company, Inc. U.S. Department of Health, Education, and Welfare, 1969. 15 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-187 299. HC \$3.00; MF \$0.95.)
- Development of construction and use criteria for sanitary landfills.

  County of Los Angeles, Department of County Engineer, and
  Engineering-Science, Inc. U.S. Environmental Protection Agency,
  1973. [51] p.] (Distributed by National Technical Information
  Service, Springfield, Va., as PB-187 307. HC \$6.00; MF \$0.95.)

<sup>\*</sup>Hard copy. †Microfiche.

- Evaluation, extraction, and recycling of certain solid waste components.

  Great Lakes Research Institute. U.S. Environmental Protection
  Agency, 1972. [110 p.] (Distributed by National Technical Information Service, Springfield, Va., as PB-208 674. HC \$5.45;
  MF \$0.95.)
- Evaluation of a multi-functional machine for use in sanitary landfill operations in sparsely populated areas. V. L. Hammond. U.S. Environmental Protection Agency, 1972. 209 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-212 589. HC \$6.75; MF \$0.95.)
- Gainesville compost plant; an interim report. Gainesville Municipal Waste Conversion Authority, Inc. U.S. Department of Health, Education, and Welfare, 1969. [345 p.] (Distributed by National Technical Information Service, Springfield, Va., as PB-187 311. HC \$6.00; MF \$0.95.)
- Generation of steam from solid wastes. Metcalf & Eddy, Inc., and City of Lynn, Massachusetts. U.S. Environmental Protection Agency, 1972. [139 p.] (Distributed by National Technical Information Service, Springfield, Va., as PB-214 166. HC \$5.45; MF \$0.95.)
- Identification of opportunities for increased recycling of ferrous solid waste. W. J. Regan, R. W. James, and T. J. McLeer. U.S. Environmental Protection Agency, 1972. 391 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-213 577. HC \$10.60; MF \$0.95.)
- Incentives for recycling and reuse of plastics. J. Milgrom. U.S. Environmental Protection Agency, 1972. [316 p.] (Distributed by National Technical Information Service, Springfield, Va., as PB-214 045. HC \$9.00; MF \$0.95.)
- Land reclamation project; an interim report. Harza Engineering Company.

  U.S. Department of Health, Education, and Welfare, 1968. [338 p.]

  (Distributed by National Technical Information Service, Springfield, Va., as PB-187 301. HC \$3.00; MF \$0.95.)
- Mathematical modeling and computer simulation for designing municipal refuse collection and haul services. S. Wersan, J. Quon, and A. Charnes. U.S. Environmental Protection Agency, 1971. [446 p.] (Distributed by National Technical Information Service, Springfield, Va., as PB-208 154. HC \$6.00; MF \$0.95.)
- Organic pesticides and pesticide containers; a study of their decontamination and combustion. R. C. Putnam, F. Ellison, R. Protzmann, and J. Hilovsky. U.S. Environmental Protection Agency, 1971. 175 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-202 202. HC \$3.00; MF \$0.95.)
- Pollution of subsurface water by sanitary landfills. v. 2. A. A. Fungaroli. U.S. Environmental Protection Agency, 1971. 216 p.

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- Pollution of subsurface water by sanitary landfills. V. 3. A. A. Fungaroli. U.S. Environmental Protection Agency, 1971. 169 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-209 002. HC \$3.00; MF \$0.95.)
- Rail transport of solid wastes; a feasibility study; interim report: phase one. American Public Works Association Research Foundation. U.S. Department of Health, Education, and Welfare, 1969. 168 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-187 306. HC \$6.00; MF \$0.95.)
- Rural storage and collection container systems. Humboldt County and Garretson-Elmendorf-Zinov-Reibin, Consultants. U.S. Environmental Protection Agency, 1972. 146 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-212 398. HC \$3.00; MF \$0.95.)
- Satellite vehicle systems for solid waste collection; evaluation and application. R. A. Perkins. U.S. Environmental Protection Agency, 1971. 243 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-197 931. HC \$3.00; MF \$0.95.)
- Ski mountain; a conceptual feasibility study in solid waste management.

  Metropolitan Sanitary District of Greater Chicago. U.S. Environmental Protection Agency. 1972. [324 p.] (Distributed by National Technical Information Service, Springfield, Va., as PB-213 697.

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- Solid waste and fiber recovery demonstration plant for the City of Franklin, Ohio; an interim report. N. T. Neff. U.S. Environmental Protection Agency, 1972. 83 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-213 646. HC \$4.85; MF \$0.95.)
- Solid waste handling and disposal in multistory buildings and hospitals. v. II. Observations of local practices. Esco/Greenleaf. U.S. Environmental Protection Agency, 1972. [310 p.] (Distributed by National Technical Information Service, Springfield, Va., as PB-213 133. HC \$6.00; MF \$0.95.)
- Solid waste handling and disposal in multistory buildings and hospitals.
  v. IV. Selection and design of solid waste systems. Esco/
  Greenleaf. U.S. Environmental Protection Agency, 1972. [198 p.]
  (Distributed by National Technical Information Service, Springfield, Va., as PB-213 135. HC \$3.00; MF \$0.95.)
- Solid waste transfer stations; a state-of-the-art report on systems incorporating highway transportation. T. A. Hegdahl. U.S. Environmental Protection Agency, 1972. 160 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-213 511. HC \$6.00; MF \$0.95.

- Special studies for incinerators; for the government of the District of Columbia, Department of Sanitary Engineering. Day & Zimmermann, Engineers and Architects. Public Health Service Publication No. 1748. Washington, U.S. Government Printing Office, 1968. 80 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-187 286. MF \$0.95.) HC \$0.75\*
- Special studies of a sanitary landfill. R. C. Merz and R. Stone. U.S. Department of Health, Education, and Welfare, 1970. [222 p.] (Distributed by National Technical Information Service, Springfield, Va., as PB-196 148. HC \$3.00; MF \$0.95.)
- A study to identify opportunities for increased solid waste utilization.
  v. I. Battelle Memorial Institute. U.S. Environmental Protection
  Agency, 1972. [178 p.] (Distributed by National Technical Information Service, Springfield, Va., as PB-212 729. HC \$3.00; MF \$0.95.)
- A study to identify opportunities for increased solid waste utilization.
  v. II to VII. Battelle Memorial Institute. U.S. Environmental
  Protection Agency, 1972. [608 p.] (Distributed by National
  Technical Information Service, Springfield, Va., as PB-212 730.
  HC \$9.00; MF \$0.95.)
- A study to identify opportunities for increased solid waste utilization. v. VIII and IX. Battelle Memorial Institute. U.S. Environmental Protection Agency, 1972. [342 p.] (Distributed by National Technical Information Service, Springfield, Va., as PB-212 731. HC \$6.00; MF \$0.95.)
- Technical-economic study of solid waste disposal needs and practices.

  Combustion Engineering, Inc. Public Health Service Publication. No. 1886. Washington, U.S. Government Printing Office, 1969. [705 p.] (Distributed by National Technical Information Service, Springfield, Va., as PB-187 712. HC \$6.00; MF \$0.95.)
- The use of bags for solid waste storage and collection. Ralph Stone and Company, Inc. U.S. Environmental Protection Agency, 1972. 264 p. (Distributed by National Technical Information Service, Springfield, Va., as PB-212 590. HC \$6.75; MF \$0.95.)

#### **EXHIBITS**

Help preserve the good earth. Permanent exhibit, 6 ft. x 6 ft. Shipping wt., 1,100 lbs. U.S. Environmental Protection Agency, 1970, rev. 1972.

<sup>\*</sup>Hard copy available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Protect the good earth. Portable exhibit, 3 panels, 2 ft. x 2-1/2 ft. Carrying wt., 35 lbs. U.S. Environmental Protection Agency, 1972.

### **FILMS**

The following solid waste management films are available from the National Audiovisual Center, General Services Administration, Washington, D.C. 20409. For descriptions of film content, see our publication "Films Tell the Story" (OSWMP order number 207).

- A day at the dump. 15 minutes, 16-mm motion picture, sound, color, 1968.
- The green box. 17 minutes, 16-mm motion picture, sound, color, 1970.
- In the bag. 19 minutes, 16-mm motion picture, sound, color, 1969.
- Operation responsible: safe refuse collection. 22 minutes, 16-mm motion picture, sound, color, 1972.
- The realities of recycling. 38 minutes, 16-mm motion picture, sound, color, 1971.
- Recycling. 21 minutes, 16-mm motion picture, sound, color, 1971.
- Sanitary landfill: one part earth to four parts refuse. 24 minutes, 16-mm motion picture, sound, color, 1969.
- Sanitary landfill--you're the operator. 22 minutes, 16-mm motion picture, sound, color, 1972.
- The stuff we throw away. 22 minutes, 16-mm motion picture, sound, color, 1970.
- The third pollution. 23 minutes, 16-mm motion picture, sound, color, 1966.
- What's new in solid waste management. 37 minutes, 16-mm motion picture, sound, color, 1970.

## **MISCELLANEOUS**

### Certificates

Mission 5000 certificate. [Washington, U.S. Environmental Protection Agency, 1971.] 1 p.

- Certificate of participation. [Cincinnati, U.S. Environmental Protection Agency, 1973.] | 1 p.
- Delaney, J. E., and J. M. Sweeten. Sanitary landfill synopsizer. [Cincinnati], U.S. Environmental Protection Agency, [1972]. [2 p.] [Pocket-size calculator.]

Information kits

- Concerned citizens. [Contains information on solid waste management and citizen participation, resource recovery, solid waste management programs, studies, and information sources.]
- Students information. [General information on solid waste management.]
- Mission 5000. [Information on the solid waste management issue and EPA's project to close 5000 dumps.]
- Resource recovery--1. [Specific information on recycling and resource recovery.]
- Resource recovery--II. [Highly technical information on recycling and resource recovery.]
- Mission 5000. Button [1 in.]. Poster [16 in. x 20 in.]. Decal [2 in.].
- State solid waste management agencies. [Cincinnati], U.S. Environmental Protection Agency, Apr. 1973. 6 p. [List.]

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