



solid waste management
november 1975

available information materials

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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 available educational materials that have been collected or published by the U.S. Environmental Protection Agency in response to this directive.

—H. LANIER HICKMAN, JR.
*Acting Deputy Assistant Administrator
for Solid Waste Management*

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solid waste management

available information materials

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 authorized by the Solid Waste Disposal Act of 1965, as amended. This far-reaching Federal program of grants and contracts has generated solid-waste-related projects in many fields. Reports from the grantees and contractors are 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 permit. Certain of the items have been grouped in various combinations in special information kits.

In addition to the titles currently available from EPA or the Superintendent of Documents, over 200 reports on grant and contract activities relating to solid waste management are available for purchase from the Department of Commerce National Technical Information Service (NTIS). These reports are issued through NTIS to make the data most readily available to the technical community. Author and subject indexes, including both the OSWMP publications and the NTIS reports, are in the back of this catalog. An integrated list of OSWMP publications and NTIS reports, by title, is also included.

In gathering and publishing this 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 while at the same time contributing to efforts for resource and energy conservation and land protection. The Agency hopes, too, that by indicating the breadth of the solid waste management field, additional people may be attracted to it—as investigators, as engineers, as managers—wherever their talents fit. 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 highest priority effort in response to the solid-waste-related legislation enacted by the Congress.

basic information materials on solid waste management

The following materials have been selected from this catalog to provide an orientation to some of the issues related to the national effort to improve solid waste management: resource/energy conservation, solid waste systems management and land protection, hazardous wastes management, and waste reduction. To order, see films section and order form in this catalog.

overall solid waste management issues

171. The Solid Waste Disposal Act, Title II of Public Law 89-272-89th Congress, S.306-October 20, 1965; as amended by the Resource Recovery Act of 1970, Public Law 91-512-91st Congress, H.R.11833-October 26, 1970; by Public Law 93-14-93rd Congress, H.R.5446-April 9, 1973 (To extend the amended Solid Waste Disposal Act—for one year); and by Public Law 93-611-93rd Congress, H.R.16045-January 2, 1975 (To amend the Solid Waste Disposal Act to authorize appropriations for fiscal year 1975). Environmental Protection Publication SW-1.3. [Washington], U.S. Environmental Protection Agency, Office of Solid Waste Management Programs, 1975. 14 p.
302. Current focus; solid waste—it won't go away. rev. ed. League of Women Voters Publication No. 675. Washington, League of Women Voters of the United States, Nov. 1971. [12 p.]
303. Community guide; solid waste management, the national issues. rev. ed. League of Women Voters Publication No. 134. Washington, League of Women Voters of the United States, Nov. 1972. [4 p.]
327. The States' roles in solid waste management; a task force report. T. Anderson et al. Lexington, Council of State Governments, 1973. 58 p. Reprinted, [Cincinnati], U.S. Environmental Protection Agency, July 1973.
373. Basic issues on solid waste management affecting county government. National Association of Counties. [Washington], U.S. Environmental Protection Agency, May 1973. 40 p.
331. Cities and the nation's disposal crisis. Washington, National League of Cities and U.S. Conference of Mayors, Mar. 1973. 46 p. Reprinted, [Cincinnati], U.S. Environmental Protection Agency, June 1973.
390. Decision-makers guide in solid waste management. 2d ed. Environmental Protection Publication SW-127.1. Washington, U.S. Government Printing Office, 1975. (In press.)
304. Solid waste management; an overview. W. D. Ruckelshaus. *Public Management*, 54(10):2-4, Oct. 1972.
460. Win the war on waste. R. E. Train. Presented at 3d National Congress on Waste Management Technology and Resource Recovery, San Francisco, Nov. 14, 1974. [Washington, U.S. Environmental Protection Agency, 1975.] 15 p.
413. Resource recovery and land protection; an environmental imperative. A. Darnay. Presented at Spring Meeting, Paperboard Group, American Paper Institute, Greenbrier, W.Va., May 21, 1974. New York, American Paper Institute, 1974. 7 p.
395. The Federal solid waste management programme; a review and prognosis. H. L. Hickman, Jr. Presented at 76th Annual Conference of Institute of Solid Wastes Management, Scarborough, England, June 18-21, 1974. London, Institute of Solid Wastes Management, 1974. 14 p.

resource/energy conservation

- 352. Resource recovery and source reduction; first report to Congress. 3d ed. U.S. Environmental Protection Agency, Office of Solid Waste Management Programs. Environmental Protection Publication SW-118. Washington, U.S. Government Printing Office, 1974. 61 p.
- 353. Resource recovery and source reduction; second report to Congress. U.S. Environmental Protection Agency, Office of Solid Waste Management Programs. Environmental Protection Publication SW-122. Washington, U.S. Government Printing Office, 1974. 112 p.
- 448. Resource recovery and waste reduction; third report to Congress. U.S. Environmental Protection Agency, Office of Solid Waste Management Programs. Environmental Protection Publication SW-161. Washington, U.S. Government Printing Office, 1975. 96 p.
- 344. Recycling and the consumer; solid waste management. Environmental Protection Publication SW-117. [Washington], U.S. Environmental Protection Agency, 1974. 12 p.
- 358. Statement of Arsen J. Darnay, Jr., Acting Deputy Assistant Administrator for Solid Waste Management Programs, Environmental Protection Agency, before the Subcommittee on Minerals, Materials and Fuels, Committee on Interior and Insular Affairs, United States Senate, Washington, D.C., October 30, 1973. A. Darnay. [Washington, U.S. Environmental Protection Agency, 1974.] 10 p.
- 296. Recycle; in search of new policies for resource recovery. League of Women Voters Publication No. 132. Washington, League of Women Voters of the United States, 1972. 39 p.
- 364. Environmental protection, residuals management, and resources—the future is now. A. Darnay. Presented at Annual Meeting of National Packaging Association, Boca Raton, Fla., Mar. 12–16, 1974. [Washington], U.S. Environmental Protection Agency, 1974. 23 p.
- 378. Energy conservation through improved solid waste management. R. A. Lowe, M. Loube, and F. A. Smith. Environmental Protection Publication SW-125. [Washington], U.S. Environmental Protection Agency, 1974. 39 p.

reports on U.S. Environmental Protection Agency demonstration grants for energy and materials recovery

- 264. Energy recovery from waste; solid waste as supplementary fuel in power plant boilers. R. A. Lowe. Environmental Protection Publication SW-36d.ii. Washington, U.S. Government Printing Office, 1973. 24 p.
- 387. Refuse as a supplementary fuel for power plants—November 1973 through March 1974; interim progress report. G. W. Sutterfield. Environmental Protection Publication SW-36d.iii. [Washington], U.S. Environmental Protection Agency, July 1974. 25 p.
- 408. Recovering resources from solid waste using wet-processing; EPA's Franklin, Ohio, demonstration project. D. G. Arella. Environmental Protection Publication SW-47d. Washington, U.S. Government Printing Office, 1974. 26 p.

431. Baltimore demonstrates gas pyrolysis; resource recovery from solid waste. D. B. Sussman. Environmental Protection Publication SW-75d.i. Washington, U.S. Government Printing Office, 1975. 24 p.
442. San Diego County demonstrates pyrolysis of solid waste to recover liquid fuel, metals, and glass. S. J. Levy. Environmental Protection Publication SW-80d.2. Washington, U.S. Government Printing Office, 1975. 27 p.

solid waste systems management and land protection

454. Solid wastes; proposed guidelines for storage and collection. U.S. Environmental Protection Agency. *Federal Register*, 40(134):29404-29408, July 11, 1975.
385. Thermal processing and land disposal of solid waste; guidelines. *Federal Register*, 39(158):29327-29338, Aug. 14, 1974.

FILM The big pickup. Environmental Protection Publication SW-100c. [28-min, 16-mm motion picture, sound, color, 1974.] Describes America's \$5-billion-a-year chore—collecting solid waste. Shows the garbage collector's problems and illustrates new techniques that can improve efficiency and effectiveness.

409. A five-stage improvement process for solid waste collection systems. K. A. Shuster. Environmental Protection Publication SW-131. Washington, U.S. Government Printing Office, 1974. 38 p.
445. A solid waste estimation procedure; material flows approach. F. L. Smith, Jr. Environmental Protection Publication SW-147. [Washington], U.S. Environmental Protection Agency, May 1975. 56 p.
411. Dumps; a potential threat to our groundwater supplies. B. R. Weddle and G. A. Garland. *Nation's Cities*, 12(10):21-22,24-25,42, Oct. 1974.
435. Leachate effects of improper land disposal. G. A. Garland and D. C. Mosher. *Waste Age*, 6(3):42,44-48, Mar. 1975.
47. Sanitary landfill facts. 2d ed. T. J. Sorg and H. L. Hickman, Jr. Public Health Service Publication No. 1792. Washington, U.S. Government Printing Office, 1970. 30 p.

hazardous waste management

345. Disposal of hazardous wastes; report to Congress. U.S. Environmental Protection Agency, Office of Solid Waste Management Programs. Environmental Protection Publication SW-115. Washington, U.S. Government Printing Office, 1974. 110 p.
399. Federal program for hazardous waste management. J. P. Lehman. *Waste Age*, 5(6):6-7,66-68, Sept. 1974.
450. Hazardous wastes. Environmental Protection Publication SW-138. Washington, U.S. Government Printing Office, 1975. 24 p.

452. Environmental information; hazardous wastes and their management. Washington, U.S. Environmental Protection Agency, May 1975. 3 p.
398. Pesticides; EPA proposal on disposal and storage. *Federal Register*, 39(200):36847–36950, Oct. 15, 1974.

waste reduction

459. Statement of Honorable John R. Quarles, Jr., Deputy Administrator, Environmental Protection Agency, before the Subcommittee on the Environment, Committee on Commerce, United States Senate, May 7, 1974. J. R. Quarles, Jr. Washington, U.S. Environmental Protection Agency, 1975. 14 p.
456. Reduce; targets, means and impacts of source reduction. D. Wahl and G. Allison. League of Women Voters Publication No. 576. Washington, League of Women Voters of the United States, 1975. 47 p.
463. Proposed solid waste management guidelines for beverage containers. U.S. Environmental Protection Agency. *Federal Register*, 1975. (In press.)
462. Questions and answers on returnable beverage containers for beer and soft drinks. [Washington], U.S. Environmental Protection Agency, Office of Solid Waste Management Programs, July 1975. (In press.)
325. Oregon's bottle bill; the first six months. E. Claussen. Environmental Protection Publication SW 109. Washington, U.S. Government Printing Office, 1973. 14 p.
461. Proceedings; 1975 Conference on Waste Reduction, Washington, Apr. 2-3, 1975. Environmental Protection Publication SW-7p. U.S. Environmental Protection Agency, 1975. 152 p.

citizen action

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.
379. Environmental protection—the people's choice. T. F. Williams. Presented at 2d Northeast Regional Conference of the National Audubon Society, Mohonk Mountain House, New Paltz, N.Y., June 8, 1974. [Washington, U.S. Environmental Protection Agency, 1974.] 17 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.
303. Community guide; solid waste management, the national issues. rev. ed. League of Women Voters Publication No. 134. Washington, League of Women Voters of the United States, Nov. 1972. [4 p.]
259. Committee guide; study of solid waste management. League of Women Voters Publication No. 699. Washington, League of Women Voters of the United States, Nov. 1971. 8 p.

FILM The village green, Environmental Protection Publication SW-8tg. [15-min, 16-mm motion picture, sound, color, 1974. Cleared for TV.] Documents a successful and self-sustaining recycling center in New York City sponsored by the Environmental Action Coalition.

teaching materials (junior high and high school students)

overall solid waste issues

259. Committee guide; study of solid waste management. League of Women Voters Publication No. 699. Washington, League of Women Voters of the United States, Nov. 1971. 8 p.
- 421.* There's gold in your garbage. B. Peterson. *Scouting*, 62(7):47-48,84-86, Oct. 1974. Reprinted, [Washington], U.S. Environmental Protection Agency, 1974. 4 p.
- 159.* The mess we're in. S. Edmund. *Ranger Rick's Nature Magazine*, 4(6):4-10, July 1970.
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.

resource/energy conservation

- 446.* What you can do to recycle more paper. Environmental Protection Publication SW-143. [Washington], U.S. Environmental Protection Agency, 1975. [12 p.]
333. The salvage industry; what it is—how it works. I. Kiefer. Environmental Protection Publication SW-29c.1. Washington, U.S. Government Printing Office, 1973. 32 p. [Condensation.]
403. Recycling and the consumer; solid waste management. Environmental Protection Publication SW-117.1. [Washington], U.S. Environmental Protection Agency, 1974. [16-3/4 x 22 in. two-sided sheet with information about recycling as well as illustrations of five recyclable materials, which can be made into a mobile.]
414. Recycle; use it again, Sam. [Washington, U.S. Environmental Protection Agency, 1974.] [Bumper sticker.]

FILM* The village green. Environmental Protection Publication SW-8tg. [15-min, 16-mm motion picture, sound, color, 1974. Cleared for TV.] Documents a successful and self-sustaining recycling center in New York City sponsored by the Environmental Action Coalition.

systems management

- 299.* The processing and recovery of Jon Thomas—cool cat! T. Marceleno. Washington, U.S. Government Printing Office, 1972. [34 p.]

*Suitable for elementary school.

FILM* The big pickup. Environmental Protection Publication SW-100c. [28-min, 16-mm motion picture, sound, color, 1974.] Describes America's \$5-billion-a-year chore—collecting solid waste. Shows the garbage collector's problems and illustrates new techniques that can improve efficiency and effectiveness.

FILM* Portrait of the san-man. Environmental Protection Publication SW-6tg.1. [16-min, 16-mm motion picture, sound, 1974. Cleared for TV.] A low-budget cinema verité film based on actual interviews with the men who collect New York City's tons of garbage every day.

hazardous wastes

450. Hazardous wastes. Environmental Protection Publication SW-138. Washington, U.S. Government Printing Office, 1975. 24 p.

452. Environmental information; hazardous wastes and their management. Washington, U.S. Environmental Protection Agency, May 1975. 3 p.

406. Hospital wastes. I. Kiefer. Environmental Protection Publication SW-129. Washington, U.S. Government Printing Office, 1974. 36 p.

waste reduction

392. Malgastar causa necesidad. Spanish version of "Waste not, want not." Washington, U.S. Environmental Protection Agency, 1974. [9 x 13-in. poster.]

456. Reduce; targets, means and impacts of source reduction. D. Wahl and G. Allison. League of Women Voters Publication No. 576. Washington, League of Women Voters of the United States, 1975. 47 p.

447. Source reduction fact sheet; reducing waste at its source, program of International Paper Company and Wells Dairy. Washington, U.S. Environmental Protection Agency, May 1975. 2 p.

416. Source reduction fact sheet; Red Owl Stores program. [Washington], U.S. Environmental Protection Agency, [1974]. 3 p.

exhibits

For information on exhibits, write to Solid Waste Information Materials Control Section, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268. Please include your *phone number* and address.

Help preserve the good earth. U.S. Environmental Protection Agency, 1972. [6 x 6 ft, permanent exhibit, shipping wt 1,100 lb.]

Protect the good earth. U.S. Environmental Protection Agency, 1972. [2 x 2-1/2 ft, portable exhibit, 3 panels, carrying wt 35 lb.]

Solid waste—a valuable resource. U.S. Environmental Protection Agency, 1973. [3-1/3 x 5 ft, permanent exhibit, 6 panels, shipping wt 500 lb.]

films

The following films may be borrowed from the Modern Talking Picture Service, 2323 New Hyde Park Road, New Hyde Park, New York 11040. Allow 6 weeks for scheduling.

The big pickup. Environmental Protection Publication SW-100c. Describes America's \$5-billion-a-year chore—collecting solid waste. Shows the garbage collector's problems and illustrates new techniques that can improve efficiency and effectiveness. [28 min, 16 mm, sound, color, 1974.]

A day at the dump. How open dumping and burning came to an end at the Kenilworth dump in Washington, D.C., and how the former cinder patch is becoming a garden spot. [15 min, 16 mm, sound, color, 1968.]

The green box. The residents of Chilton County, Alabama, switched from rat-infested open dumps to a trash collection system utilizing green boxes that were emptied every second day. Portrays an approach specifically tailored for rural areas. [17 min, 16 mm, sound, color, 1970. Cleared for TV.]

In the bag. Describes the advantages of the brown paper sack in refuse storage, collection, and disposal. Shows that the brown bag is versatile and easily handled by householders, collectors, and landfill or incinerator operators. [19 min, 16 mm, sound, color, 1969. Cleared for TV.]

The following films may be borrowed from Solid Waste Information Materials Control Section, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268. Allow 4 weeks for scheduling.

Mt. Trashmore. A novel approach to the solid waste disposal problem. Virginia Beach decided to combine its trash with that from neighboring communities—and to build a large sanitary landfill on top of the ground. When finished, Mt. Trashmore will become a full-scale municipal recreation area providing boating, swimming, fishing, a 10,000-seat amphitheater, and even an official soapbox-derby coasting ramp. [3 min, 16 mm, TV news feature, sound, color, 1972.]

Portrait of the san-man. Environmental Protection Publication SW-6tg.1. A low-budget cinema verité film based on actual interviews with the men who collect New York City's tons of garbage every day. [16 min, 16 mm, sound, 1974. Cleared for TV.]

The third pollution. Describes 1966 solid waste disposal and the attendant problems of air and water pollution. Helped call attention to the solid waste problem in the early days of the environmental movement. [23 min, 16 mm, sound, color, 1966.]

The following films may be borrowed from the Modern Talking Picture Service, 2323 New Hyde Park Road, New Hyde Park, New York 11040, or purchased from the National Audiovisual Center, General Services Administration, Washington, D.C. 20409. Prices are listed with each film. Allow 6 weeks for scheduling of films from the Modern Talking Picture Service, and 4 weeks for films from the National Audiovisual Center.

The realities of recycling. Environmental Protection Publication SW-98c.3. Examines technology of recycling glass, aluminum, and steel containers; paper; and old car hulks. [38 min, 16 mm, sound, color, 1971. Cleared for TV. \$154.50]

Recycling. Environmental Protection Publication SW-98c.4. Shows some emerging techniques on reuse, recovery, and recycling of resources—how materials now ending up as municipal solid waste may be used to extend the supply of natural resources. [21 min, 16 mm, sound, color, 1971. Cleared for TV. \$89.75]

Sanitary landfill; one part earth to four parts refuse. Environmental Protection Publication SW-99c. Describes the well-planned landfill—from site selection to use of the completed fill. Designed with technical audiences in mind; includes consideration of equipment types, climate, operating procedures, and topographical and soil conditions. [24 min, 16 mm, sound, color, 1969. Cleared for TV. \$97.75]

The stuff we throw away. Environmental Protection Publication SW-98c.2. Describes the enormous burdens that communities face in collecting and disposing of solid wastes. Covers in less detail the information included in “What’s new in solid waste management.” [22 min, 16 mm, sound, color, 1970. Cleared for TV. \$93.75]

What’s new in solid waste management? Environmental Protection Publication SW-98c.1. A look at solid waste management 5 years after initiation of the Federal research and demonstration program. Describes new techniques available for controlling and processing solid waste—equipment, management techniques, alternative systems, etc. [37 min, 16 mm, sound, color, 1970. Cleared for TV. \$146.75]

The following films may be rented or purchased from the National Audiovisual Center, General Services Administration, Washington, D.C. 20409. Allow 4 weeks for scheduling.

Operation responsible; safe refuse collection. Dramatizes the problems and responsibilities of solid waste collectors and the importance to the community of professional solid waste collection. Aimed primarily at motivating the employees to safe work techniques, it lays the groundwork for the technical sessions of a training course for refuse collectors. (See Training Programs, following.) [20 min, 16 mm, sound, color, 1972. Cleared for TV. \$75]

Sanitary landfill—you’re the operator. Through the device of an interview with a visiting newsman, a sanitary landfill foreman gives you an inside look at his job. Interesting to citizen groups and those concerned with improving conditions in the sanitation industry. Serves as the introduction to a technical training program for landfill personnel. (See Training Programs, following.) [22 min, 16 mm, sound, color, 1973. Cleared for TV. \$70]

The village green. Environmental Protection Publication SW-8tg. Documents a successful and self-sustaining recycling center in New York City sponsored by the Environmental Action Coalition. [15 min, 16 mm, sound, color, 1974. Cleared for TV. \$79]

A few copies of the first two films above are available on a free loan basis to government agencies from Solid Waste Information Materials Control Section, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268.

training programs

These training programs may be purchased from the National Audiovisual Center, General Services Administration, Washington, D.C. 20409.

Operation responsible; training for safe refuse collection. Refuse collectors suffer 10 to 15 times as many injuries as the average worker. This three-part safety training package aimed at reducing such injuries includes a 16-mm film (20-min, sound, color); an instructor's manual with 24 color slides, 35-mm; and a trainee's manual with 241 color slides, 35-mm.

Training for sanitary landfill operations. Even the best planned and most carefully engineered sanitary landfills will fail to meet current standards if the personnel charged with daily operation are not fully trained in their assigned duties. This three-part training package includes a 16-mm film (22-min, sound, color); an instructor's manual with 206 color slides, 35-mm; and a trainee's manual with 10 color slides, 35-mm. (A few sets of this training program are available on a free loan basis to government agencies from Solid Waste Information Materials Control Section, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268.)

information kits

Request by title of kit from Solid Waste Information Materials Control Section, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268.

Concerned citizens. Contains information on solid waste management and citizen participation, resource recovery, solid waste management programs, studies, and information sources.

Resource recovery—I. General information on recycling and resource recovery.

Resource recovery—II. Technical information on recycling and resource recovery.

Students information. General information on solid waste management.

miscellaneous

351. Sanitary landfill synopsis. J. E. Delaney and J. M. Sweeten. [Cincinnati], U.S. Environmental Protection Agency, 1972. [Pocket-size calculator and instructions.]

393. State solid waste management agencies. [Washington], U.S. Environmental Protection Agency. [List, updated periodically.]

403. Recycling and the consumer; solid waste management. Environmental Protection Publication SW-117.1. [Washington], U.S. Environmental Protection Agency, 1974. [16-3/4 x 22 in. two-sided sheet with information about recycling as well as illustrations of five recyclable materials, which can be made into a mobile.]

414. Recycle; use it again, Sam. [Washington, U.S. Environmental Protection Agency, 1974.] [Bumper sticker.]

439. [Regional solid waste management representatives. Washington, U.S. Environmental Protection Agency.] 1 p. [List, updated periodically.]

oswmp publications

oswmp
order nos.*

1. Abstracts; selected patents on refuse handling facilities for buildings. J. A. Connolly, *ed.* Public Health Service Publication No. 1793. Washington, U.S. Government Printing Office, 1968. [320 p.]
2. Applying technology to unmet needs; report on the solid waste problem. Appendix v.5. Technology and the American economy; report of the Commission. National Commission on Technology, Automation, and Economic Progress. Washington, U.S. Government Printing Office, 1966. 12 p.
8. Composting developments in the United States. J. S. Wiley and O. W. Kochtitzky. *Compost Science*, 6(2):5-9, Summer 1965. [Reprinted, Washington, U.S. Government Printing Office, 1968.] 5 p.
9. Concept and design of the joint U.S. Public Health Service-Tennessee Valley Authority Composting Project, Johnson City, Tennessee. J. S. Wiley, F. E. Gartrell, and H. G. Smith. [Cincinnati], U.S. Department of Health, Education, and Welfare, 1968. 14 p.
11. Development of construction and use criteria for sanitary landfills; an interim report. County of Los Angeles, Department of County Engineer and Engineering-Science, Inc. Cincinnati, U.S. Department of Health, Education, and Welfare, 1969. [267 p.]
14. Evaluation of the Melt-Zit high-temperature incinerator; operation test report, August 1968. E. R. Kaiser. Cincinnati, U.S. Department of Health, Education, and Welfare, 1969. [116 p.]
15. Experimental composting research and development; joint U.S. Public Health Service-Tennessee Valley Authority Composting Project, Johnson City, Tenn. Washington, U.S. Government Printing Office, 1968. 6 p. [Flyer.]
21. International Research Group on Refuse Disposal (IRGRD); information bulletin numbers 1-12, November 1956 to September 1961. J. S. Wiley, *ed.* Washington, U.S. Government Printing Office, 1969. 308 p.
22. International Research Group on Refuse Disposal (IRGRD); information bulletin numbers 13-20, December 1961 to May 1964. J. S. Wiley, *ed.* Washington, U.S. Government Printing Office, 1969. 274 p.
26. The national solid wastes survey; an interim report. R. J. Black, A. J. Muhich, A. J. Klee, H. L. Hickman, Jr., and R. D. Vaughan. [Cincinnati], U.S. Department of Health, Education, and Welfare, [1968]. 53 p.
28. Preliminary data analysis; 1968 national survey of community solid waste practices. A. J. Muhich, A. J. Klee, and P. W. Britton. Public Health Service Publication No. 1867. Washington, U.S. Government Printing Office, 1968. 483 p.
30. Proceedings; the Surgeon General's Conference on Solid Waste Management for Metropolitan Washington, July 19-20, 1967. L. Weaver, *ed.* Public Health Service Publication No. 1729. Washington, U.S. Government Printing Office. 194 p.

* See order form for OSWMP publications in back of catalog.

order nos.

33. Quad-City solid wastes project; an interim report, June 1, 1966 to May 31, 1967. Cincinnati, U.S. Department of Health, Education, and Welfare, 1968. [181 p.]
35. Refuse collection and disposal; an annotated bibliography, 1954–1955. L. Weaver. Public Health Service Publication No. 91, Suppl. B. Washington, U.S. Government Printing Office, 1956. 32 p.
36. Refuse collection and disposal; an annotated bibliography, 1956–1957. E. R. Williams. Public Health Service Publication No. 91, Suppl. C. Washington, U.S. Government Printing Office, 1958. 48 p.
37. Refuse collection and disposal; an annotated bibliography, 1958–1959. E. R. Williams and R. J. Black. Public Health Service Publication No. 91, Suppl. D. Washington, U.S. Government Printing Office, 1961. 73 p.
38. Refuse collection and disposal; an annotated bibliography, 1960–1961. rev. ed. R. J. Black and P. L. Davis. Public Health Service Publication No. 91, Suppl. E. Washington, U.S. Government Printing Office, 1966. 69 p.
39. Refuse collection and disposal; an annotated bibliography, 1962–1963. R. J. Black, J. B. Wheeler, and W. G. Henderson. Public Health Service Publication No. 91, Suppl. F. Washington, U.S. Government Printing Office, 1966. 134 p.
40. Refuse and litter control in recreation areas. L. Weaver. *Public Works*, 98(4):126–128, 160, Apr. 1967. Reprinted, Washington, U.S. Government Printing Office, 1967. 4 p.
44. The role of packaging in solid waste management, 1966 to 1976. A. Darnay and W. E. Franklin. Public Health Service Publication No. 1855. Washington, U.S. Government Printing Office, 1969. 205 p.
47. Sanitary landfill facts. 2d ed. T. J. Sorg and H. L. Hickman, Jr. Public Health Service Publication No. 1792. Washington, U.S. Government Printing Office, 1970. 30 p.
53. Solid waste handling in metropolitan areas. [W. E. Gilbertson, R. J. Black, L. E. Crane, and P. L. Davis.] Public Health Service Publication No. 1554. Washington, U.S. Government Printing Office, 1966. 41 p.
55. Solid waste management/composting; European activity and American potential. S. A. Hart. Public Health Service Publication No. 1826. Washington, U.S. Government Printing Office, 1968. 40 p.
65. A study of solid waste collection systems comparing one-man with multi-man crews; final report. Ralph Stone and Company, Inc. Public Health Service Publication No. 1892. Washington, U.S. Government Printing Office, 1969. 175 p.
77. Solid waste—a natural resource? R. P. Lonergan and E. M. Herson. *In* Man and the quality of his environment; western resources papers, 1967. J. E. Flack and M. C. Shipley, eds. [Boulder], University of Colorado Press, 1968. p.107–120.
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order nos.

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