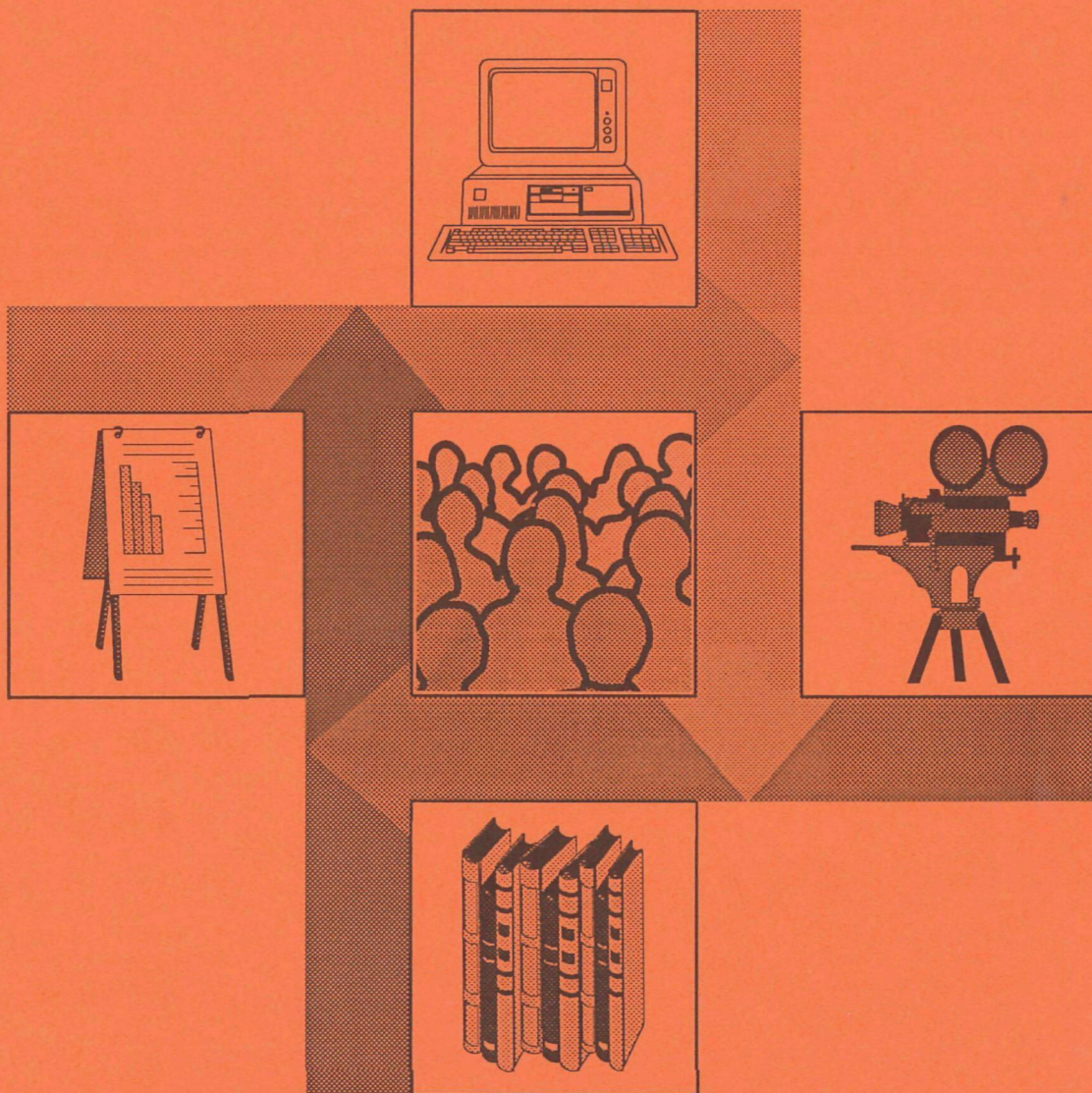




# The OSWER Source Book, Volume II:

## Training and Technology Transfer Resources 1992 - 1993



# **The OSWER Source Book, Volume II:**

## **Training and Technology Transfer Resources 1992 - 1993**

U.S. Environmental Protection Agency

Office of Solid Waste and  
Emergency Response  
Technology Innovation Office  
OS-110W  
Washington, DC 20460



*Text Printed on Recycled Paper*

## FOREWORD

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Volumes I and II of *The OSWER Source Book* provide information on the many training courses, publications, videotapes, and information systems and software available to support EPA staff, State and local agencies, and others involved in managing the Nation's hazardous and solid waste programs. The Office of Solid Waste and Emergency Response's (OSWER) Technology Innovation Office (TIO) has compiled listings of the most significant training and technology transfer resources available to assist individuals with the responsibility for accomplishing OSWER's mission.


Volume I of *The Source Book* contains listings of OSWER and other office training courses, publications, videotapes, information systems and software, and support programs devoted to hazardous and solid waste issues. Volume II contains frequently requested OSW publications, including those that address municipal solid waste and recycling. This second volume of *The Source Book* is new for this edition, and provides much additional information compared to the earlier version.

The contents of *The Source Book* reflect OSWER's efforts to meet the enormous need for training in hazardous and solid waste. The training matrix on pages 7 through 10 lists over 100 training courses in 14 categories. Other sections list additional resources available to provide support in this rapidly growing, multi-disciplinary field.

The evolving nature of the Superfund Program and its workforce presents the challenge of developing new training and technology transfer methods. To help meet changing needs, TIO has developed the CERCLA Education Center (CEC), a unique training initiative. The CEC provides effective training to participants with various levels of experience on the laws, regulations, policies, and sciences that make up the Superfund Program (see page 69).

TIO successfully applies Total Quality Management (TQM) approaches in the design, implementation, evaluation and continual improvement of its training and technology transfer programs. TQM promotes a structured approach to problem solving and a participatory work style that involves input from employees and users to achieve total quality. *The Source Book* contains references to alternative training delivery methods, such as interactive video and computer-based training, that are being developed by OSWER. TIO continues to explore innovative and flexible delivery systems to ensure that current and future programs will meet the needs of OSWER's workforce.

We hope you find this edition of *The OSWER Source Book* to be a useful resource.

  
Walter W. Kovalick, Jr., Ph.D.  
Director, Technology Innovation Office



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# Introduction

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## What Information Does This Catalogue Contain?

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This catalogue lists hazardous and solid waste documents released by the U.S. Environmental Protection Agency's Office of Solid Waste (OSW). This is a select list of publications that are frequently requested and is not a comprehensive list of all documents available.

## How Can I Find Specific Information in the Catalogue?

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There are a number of ways to find a particular document or research a subject area through this catalogue. The following examples should help you get started:

- **If you have a document title**, turn to the Alphabetical Listing of Abstracts (Section 1). There you will find the order number as well as the type of order form to use. Order forms and instructions can be found in Ordering Information and Forms (Section 4).
- **If you have a document number**, turn to the Numerical Listing of Publications (Section 3) to find the title. The section is divided into three different lists for documents distributed by OSW, the National Technical Information Service (NTIS), or the Government Printing Office (GPO).
- **If you are interested in a particular subject area**, turn to the Alphabetical Listing of Subjects (Section 2). There you will find a listing of documents on the topic you are interested in.
- **If the document you're looking for is not included in the catalogue**, contact the RCRA Information Center (RIC) for more information (see below).

## How Do I Order a Document?

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Documents listed in this catalogue can be ordered from one of three sources: OSW, NTIS, or GPO. You must use the appropriate order form and order number for each document as specified in the Alphabetical Listing of Abstracts (Section 1). The actual order forms can be found under Ordering Information and Forms (Section 4). In some cases, government agencies can receive documents free of charge.

## Where Can I Go for More Information?

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If you need additional assistance, call, write, or visit the RIC.

### **For telephone requests call the RCRA/Superfund Hotline:**

(800) 424-9346

(800) 553-7672 - TDD (for hearing impaired)

(703) 920-9810 - in the Washington, DC, metropolitan area

(703) 486-3323 - TDD (for hearing impaired, in the Washington, DC, metropolitan area)

### *Hours:*

You can call the RCRA Hotline Monday through Friday, 8:30 a.m. to 7:30 p.m. EST.

### **For written requests:**

RCRA Information Center  
Office of Solid Waste (OS-305)  
U.S. Environmental Protection Agency  
401 M Street, SW.  
Washington, DC 20460

### **For visits, see the RIC staff at:**

U.S. Environmental Protection Agency  
Room M2427  
Waterside Mall  
401 M Street, SW.  
Washington, DC

### *Hours:*

The RIC is open to the public from 9:00 a.m. to 4:00 p.m. Monday through Friday, except for federal holidays.

**Section 1**  
***Alphabetical Listing of Abstracts***

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## Alphabetical Listing of Abstracts

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### **Abstracts of Selected Precious Metal Mines' Permits**

Compiles permit application requirements, permit limitations, and permit conditions for selected precious metal mines located in the United States. Includes 46 questionnaires prepared by 7 states active in precious metal mining.

(EPA/530-R-92-009)

12/15/91

Order Number: PB92-180-090

Order Form: NTIS

### **Action Leakage Rates for Leak Detection Systems; Supplemental Background Document for the Final Double Liners and Leak Detection Systems Rule for Hazardous Waste Landfills, Waste Piles, and Surface Impoundments**

Supplements the background document for May 29, 1987, regarding the double liners and leak detection systems rule. Explains applications of formulas in the original document to calculate an action leakage rate. Presents additional data on flow rates achieved at various double-lined facilities. References technical guidance that EPA has issued (since the three previous proposals) that contain useful information relative to various action standards in the final rule.

(EPA-530-R-92-004)

01/15/92

Order Number: PB92-128-214

Order Form: NTIS

### **Addendum to the Regulatory Impact Analysis for the Final Criteria for Municipal Solid Waste Landfills**

Represents EPA's best efforts to quantify costs, economic impacts, and benefits of regulatory options relating to Subtitle D criteria for municipal solid waste landfills (MSWLFs).

(EPA/530-SW-91-073B)

08/15/91

Order Number: PB92-100-858

Order Form: NTIS

### **Adventures of the Garbage Gremlin: Recycle and Combat a Life of Grime (Comic Book)**

Contains information about recycling for elementary and middle school students. This appealing comic book features the Garbage Gremlin, a character who is constantly outwitted by students who practice recycling.

08/15/90

Order Number: EPA/530-SW-90-024

Order Form: OSW

### **Alternate Concentration Limit Guidance; Part I: ACL Policy and Information Requirements**

Provides guidance to RCRA facility permit applicants and writers to establish ground-water protection standards by demonstrating alternate concentration limits (ACL). Explains 19 criteria to evaluate ACL requests.

(EPA/530-SW-87-017)

07/15/87

Order Number: PB87-206-165

Order Form: NTIS

### **Alternate Concentration Limit Guidance; Part II: Based on 264.94(B) Criteria; Case Studies**

Presents examples of information appropriate for ACL demonstrations under 40 CFR Part 264.94(b). Five case studies serve as models in implementing Part I of ACL Guidance Document.

(EPA/530-SW-87-031)

05/15/88

Order Number: PB88-214-267

Order Form: NTIS



### **Analysis of U.S. Municipal Waste Combustion Operating Practices**

Characterizes the municipal waste combustion (MWC) industry from data gathered through a nationwide survey. The information collected includes a description of each facility, characterization of waste received, review of recycling activities, description of residue generation, and residue handling and disposal practices.

(EPA/530-SW-89-061)

05/18/89

Order Number: PB89-220 578

Order Form: NTIS

### **Asbestos Waste Management Guidance: Generation, Transport, Disposal**

Provides guidance on handling asbestos-containing waste materials during generation, transport, and final disposal. Waste handling practices presented include those necessary to meet current EPA and OSHA requirements and also additional recommendations reflecting practices needed to minimize exposure to asbestos.

(EPA/530-SW-85-007)

05/15/85

Order Number: EPA/530-SW-85-007

Order Form: OSW

### **Assessment of Hazardous Waste Mismanagement Damage Case Histories**

Provides damage histories associated with land and non-land based hazardous waste disposal facilities. Estimates potential damages from hazardous waste mismanagement, including events responsible for contamination or facility damage, chemicals commonly implicated, and remedial responses. Data collected from a survey of 929 active and inactive disposal sites.

(EPA/530-SW-84-002)

04/15/84

Order Number: PB84-212 356

Order Form: NTIS

### **Background Document for First Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Final Rule: First Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity**

Supports final land disposal restriction rule for First Third wastes. Estimates quantities of wastes that will require alternative treatment or recovery prior to land disposal under treatment standards set by rule. Estimates availability of alternative treatment capacity to accommodate diverted wastes. Reassesses capacity analyses developed for wastes covered by previous rules.

(EPA/530-SW-88-049)

08/15/88

Order Number: PB88-246 145

Order Form: NTIS

### **Background Document for First Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Proposed Rule: First Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity; Part I**

Supports final land disposal restriction rule for First Third wastes. Estimates quantities of wastes that will require alternative treatment or recovery prior to land disposal under treatment standards set by rule. Estimates availability of alternative treatment capacity to accommodate diverted wastes. Reassesses capacity analyses developed for wastes covered by previous rules.

(EPA/530-SW-88-030A)

03/15/88

Order Number: PB88-217 575

Order Form: NTIS

### **Background Document for First Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Proposed Rule: First Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity; Part II**

Supports proposed standards affecting land disposal of First Third wastes and solvent wastes, First Third wastes as previously proposed, California list halogenated organic compound wastes, and waste contaminated soils. Discusses required and available alternative treatment and recovery capacity for wastes. Data obtained from results of National Survey of Hazardous Waste Treatment, Storage, Disposal, and Recycling Facilities.

(EPA/530-SW-88-030)

05/15/88

Order Number: PB88-213 368

Order Form: NTIS

### **Background Document for Second Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Final Rule: Second Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity; Volume I**

Supports final rule for Second Third wastes scheduled for restriction from land disposal. Estimates quantities of wastes requiring alternative treatment and recovery prior to land disposal. Evaluates availability of alternative treatment and recovery capacity necessary to manage wastes diverted from land disposal, taking into account demands already placed on capacity by previous land disposal restrictions.

(EPA/530-SW-89-057A)

06/08/89

Order Number: PB89-220 552

Order Form: NTIS



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**Background Document for Second Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Final Rule: Second Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity; Volume II**

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Substantiates findings of Volume I with data, surveys, and tables.

(EPA/530-SW-89-057B)

06/08/89

Order Number: PB89-220-560

Order Form: NTIS

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**Background Document for Second Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Proposed Rule: Second Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity**

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Supports proposed rule for Second Third wastes scheduled for restriction from land disposal. Estimates the quantities of wastes requiring alternative treatment and recovery prior to land disposal. Evaluates the availability of alternative treatment and recovery capacity necessary to manage wastes diverted from land disposal, taking into account demands already placed on capacity by previous land disposal restrictions.

(EPA/530-SW-89-034)

12/15/88

Order Number: PB89-179-535

Order Form: NTIS

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**Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions; Volume I**

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Supports technology-based treatment standard to restrict solvent wastes from land disposal, abandoning the proposed screening level and liner protection threshold approach. Treatment standards based on performance using best-demonstrated available technologies. Technologies discussed briefly with emphasis on solvent treatment and recycling applicability. Provides F001-F005 for physical and chemical solvent properties and toxicity of listed solvents.

(EPA/530-SW-86-060)

11/15/86

Order Number: PB87-146-361/AS

Order Form: NTIS

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**Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions; Volume II**

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Supports technology-based treatment standard to restrict solvent wastes from land disposal, abandoning the proposed screening level and liner protection threshold approach. Treatment standards are based on performance that can be achieved using best-demonstrated available technologies. Technologies discussed briefly with emphasis on solvent treatment and recycling applicability. Provides F001-F005 solvent physical and chemical properties and toxicity of listed solvents.

(EPA/530-SW-86-061)

11/15/86

Order Number: PB87-146-379

Order Form: NTIS

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**Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions: Solvent Waste Volumes and Characteristics, Required Treatment and Recycling Capacity, and Available Treatment and Recycling**

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Discusses volumes and characteristics of hazardous solvent wastes affected by land disposal restrictions. Evaluates required treatment and recycling capacity and identifies unused capacity of alternative treatment and recycling technologies for solvent wastes.

(EPA/530-SW-88-013)

11/15/86

Order Number: PB87-163-481/AS

Order Form: NTIS

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**Background Document for the Groundwater Screening Procedure to Support 40 CFR 268 Land Disposal Restrictions**

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Presents ground-water screening component of EPA's approach to evaluate the need to ban or further restrict hazardous wastes from land disposal. Establishes acceptable concentrations for specific chemical constituents in waste extracts. Procedures involve application of analytic solute transport equation for hydrogeologic parameters, such as ground-water velocity, soil porosity, and net infiltration.

(EPA/530-SW-86-047)

01/15/86

Order Number: PB87-101-606

Order Form: NTIS



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**Background Document for the Liquid Release Test; Single Laboratory Evaluation and 1988 Collaborative Study**

Describes single laboratory evaluation and study conducted to evaluate performance of LRT protocol. Laboratory test method designed to determine whether or not liquid will be released from sorbents when subjected to vertical loads, as would be experienced by materials buried in landfills.

(EPA/530-SW-91-079)

09/18/91

Order Number: PB92-183 201

Order Form: NTIS

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**Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Final Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity (Complete Set)**

Supports final rule under Section 3004(m) of RCRA. Four volumes in complete set.

(EPA/530-SW-90-062)

05/08/90

Order Number: PB90-234 675

Order Form: NTIS

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**Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Final Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; Volume I: Executive Summary, Chapter 1 and Chapter 2**

Supports the final rule for Section 3004(m) of RCRA. Presents estimates of waste requiring alternative treatment and recovery before land disposal. Estimates wastes restricted from land disposal.

(EPA/530-SW-90-062A)

05/08/90

Order Number: PB90-234 683

Order Form: NTIS

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**Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Final Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; Volume II: Chapter 3**

Presents data on technology on a waste code-specific basis for wastes in final Third Third rule. The capacity analyses referenced are based primarily on data from TSDR survey.

(EPA/530-SW-90-062B)

05/08/90

Order Number: PB90-234 691

Order Form: NTIS

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**Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Final Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; Volume III: Chapter 4 and Appendix A - Appendix I**

Presents detailed discussion of methodology and rationale for capacity analyses supporting final rule. Gives analytical methodology used to determine demand for alternative treatment capacity required for wastes affected by the Third Third final rule.

(EPA/530-SW-90-062C)

05/08/90

Order Number: PB90-234 709

Order Form: NTIS

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**Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Final Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; Volume IV: Chapter 4 and Appendix J - Appendix M**

Includes Appendix J - Analysis of Commercial Alkaline Chlorination/Chemical Precipitation Capacity; Appendix K - Analysis of Commercial Sludge/Solid Combustion Capacity; Appendix L - Miscellaneous Phone Logs; and Appendix M - Analysis of Large Volume Underground Injected P and U Coded Wastes.

(EPA/530-SW-90-062D)

05/08/90

Order Number: PB90-234 717

Order Form: NTIS



**Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Proposed Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity (Complete Set)**

Supports proposed rule for Third Third wastes scheduled for Order Form: NTIS restriction from land disposal under Section 3004(m) RCRA, amended by HSWA of 1984. Three volumes in complete set.

(EPA/530-SW-90-033)

11/15/89

Order Number: PB90-187 113

Order Form: NTIS

**Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Proposed Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; Volume I: Executive Summary, Chapter 1, Chapter 2**

Supports proposed rule for Third Third wastes scheduled for restriction from land disposal under Section 3004(m) RCRA, amended by HSWA of 1984. Presents estimates of wastes that require alternative treatment and recovery prior to land disposal and estimates of alternative treatment/recovery capacity available to manage wastes restricted from land disposal.

(EPA/530-SW-90-033A)

11/15/89

Order Number: PB90-187 121

Order Form: NTIS

**Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Proposed Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; Volume II: Chapter 3**

Presents results of required capacity analyses for each alternative technology on a waste code-specific basis.

(EPA/530-SW-90-033B)

11/15/89

Order Number: PB90-187 139

Order Form: NTIS

**Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Proposed Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; Volume III: Chapter 4, Appendices**

Contains detailed discussion of methodology and rationale for capacity analyses supporting proposed rule. Relevant addenda included in appendices.

(EPA/530-SW-90-033C)

11/15/89

Order Number: PB90-187 147

Order Form: NTIS

**Background Document on Bottom Liner Performance in Double-Lined Landfills and Surface Impoundments**

Compares performance of compacted soil and composite bottom liners. Also compares the capabilities of these liners to satisfy the statutory goals of RCRA, which are (1) to prevent migration of hazardous constituents from hazardous waste management units, and (2) to detect leakage through top liner at earliest practicable time. Quantifies performance differences.

(EPA/530-SW-87-013)

04/15/87

Order Number: PB87-182 291

Order Form: NTIS

**Background Document on Proposed Liner and Leak Detection Rule**

Provides technical rationale and support for the three main portions of the proposed Liner/Leak Detection Rule: (1) leak detection system requirements; (2) extension of double-liner system requirements to waste piles, significant unused portions, and certain other units; and (3) construction quality assurance program requirements.

(EPA/530-SW-87-015)

05/15/87

Order Number: PB87-191 383

Order Form: NTIS



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**Background Document on the Development and Use of Reference Doses; Part I: Data Needs and Apportionment; Part II: Considerations Related to the Development of Protocols for Toxicity Studies**

Supports two health protection criteria used to limit the extent of air or water contamination by individual chemicals. Assesses available test methodologies to identify those suitable for developing data from which reference doses can be established. Decides when and how to apportion reference doses and risk-specific doses among several possible human exposure media. Identifies minimally acceptable protocol for conducting toxicity test.

(EPA/530-SW-86-048) 12/20/85

Order Number: PB87-107 173/AS Order Form: NTIS

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**Background Documentation for Minimum Content Standards**

Contains the proposed set of recommended minimum content standards as guidelines for Federal procurement of paper and paper products containing recovered material. Content standards are displayed in summary form. Five categories are included: newsprint, bleached printing and writing papers, tissue products, unbleached packaging, and recycled paperboard.

(EPA/530-SW-88-046) 03/06/87

Order Number: PB88-242 052 Order Form: NTIS

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**Background Information Document for the Development of Regulations to Control the Burning of Hazardous Wastes in Boilers and Industrial Furnaces (Complete Set)**

Presents the results of research that develops and evaluates alternatives for regulating burning of hazardous waste in boilers and industrial furnaces. Three volumes contained in set.

(EPA/530-SW-87-014) 01/15/87

Order Number: PB87-173 811/AS Order Form: NTIS

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**Background Information Document for the Development of Regulations to Control the Burning of Hazardous Wastes in Boilers and Industrial Furnaces; Volume I: Industrial Boilers**

Presents the results of research that develops and evaluates alternatives for regulating burning of hazardous waste in boilers and industrial furnaces. This volume contains information on industrial boilers related to hazardous waste burning.

(EPA/530-SW-87-014A) 01/15/87

Order Number: PB87-173 829 Order Form: NTIS

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**Background Information Document for the Development of Regulations to Control the Burning of Hazardous Wastes in Boilers and Industrial Furnaces; Volume II: Industrial Furnaces**

Presents the results of research that develops and evaluates alternatives for regulating burning of hazardous waste in boilers and industrial furnaces. This volume addresses the practice of burning hazardous waste in industrial furnaces.

(EPA/530-SW-87-014B) 01/15/87

Order Number: PB87-173 837 Order Form: NTIS

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**Background Information Document for the Development of Regulations to Control the Burning of Hazardous Wastes in Boilers and Industrial Furnaces; Volume III: Risk Assessment**

Presents the results of research that develops and evaluates alternatives for regulating burning of hazardous waste in boilers and industrial furnaces. This volume assesses the risk associated with burning hazardous waste in industrial boilers and furnaces.

(EPA/530-SW-87-014C) 01/15/87

Order Number: PB87-173 845 Order Form: NTIS



### **Batch-Type Adsorption Procedures for Estimating Soil Attenuation of Chemicals; Draft Technical Resource Document for Public Comment**

Describes laboratory batch procedures for assessing the capacity of soils and soil components of liners for waste management facilities to attenuate chemical constituents from solution. Documents procedures for organic and inorganic constituents, and scientific basis and rationale. Examples demonstrate application of procedures and use of data in designing soil liners for pollutant retention.

(EPA/530-SW-87-006)

01/15/87

Order Number: PB87-146 155/AS Order Form: NTIS

### **Best Demonstrated Available Technology (BDAT) Background Document for Barium Wastes D005 and P013 (Final)**

Presents Agency technical support and rationale for developing regulatory standards for barium-containing wastes. Presents waste-specific information for D005 wastes: industries affected, treatment technologies, available performance data, analyses of performance data to determine BDAT, and determination of proposed treatment standards for barium. Discusses P013, barium cyanide, and details the development of treatment standard for wastes.

(EPA/530-SW-90-059T)

05/08/90

Order Number: PB90-234 204 Order Form: NTIS

### **Best Demonstrated Available Technology (BDAT) Background Document for Characteristic Ignitable Wastes (D001), Characteristic Corrosive Wastes (D002), Characteristic Reactive Wastes (D003), and P and U Wastes Containing Reactive Listing Constituents (Final)**

Presents Agency technical support for selecting and developing treatment standards for D001, D002, D003, and P and U wastes containing reactive constituents that are listed under RCRA. Describes industries affected by land disposal restrictions for specific characteristic wastes. Discusses applicable technologies used to treat waste.

(EPA/530-SW-90-059B)

05/08/90

Order Number: PB90-234 022 Order Form: NTIS

### **Best Demonstrated Available Technology (BDAT) Background Document for Chromium Wastes D007 and U032 (Final)**

Presents Agency technical support for regulating D007 and U032 wastes. Describes industries affected by D007 waste regulation, explains processes generating these wastes, and presents available waste characterization data. Contains performance data for treating wastes, including analyses of performance data to determine BDAT. Discusses associated chromium-containing U-code waste and details the development of treatment standards.

(EPA/530-SW-90-059V)

05/08/90

Order Number: PB90-234 220 Order Form: NTIS

### **Best Demonstrated Available Technology (BDAT) Background Document for Cyanide Wastes (F006, F007-F012, F019, and Various P and U Codes) (Final)**

Provides Agency technical support for selecting and developing proposed treatment standards for constituents to be regulated for electroplating and metal heat treating wastes. Sections 2 through 7 present information for F-code wastes. Section 8 discusses associate inorganic cyanide P-code wastes and details the development of proposed treatment standards for wastes.

(EPA/530-SW-89-048K)

06/15/89

Order Number: PB89-221 485 Order Form: NTIS

### **Best Demonstrated Available Technology (BDAT) Background Document for Cyanide Wastes; Addendum for F019 (Final)**

Provides Agency rationale and technical support for selecting constituents to be regulated in F019 nonwastewaters and wastewaters and for developing proposed BDAT treatment standards for constituents. Discusses the generation and characterization of waste code F019.

(EPA/530-SW-90-059N)

05/08/90

Order Number: PB90-234 147 Order Form: NTIS

### **Best Demonstrated Available Technology (BDAT) Background Document for D006 Cadmium Wastes (Final)**

Provides Agency technical support for regulating D006 cadmium wastes. Presents the number and location of facilities believed to be affected by regulation. Technologies used to treat waste are given.

(EPA/530-SW-90-059U)

05/08/90

Order Number: PB90-234 212 Order Form: NTIS



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**Best Demonstrated Available Technology (BDAT) Background Document for D008 and P and U Lead Wastes (Final)**

Provides Agency technical support for regulating D008 and P and U lead wastes. Describes the industries and processes that may generate wastes, including D008 wastes that exhibit characteristic of EP Toxicity for lead. Several applicable treatment technologies are outlined.

(EPA/530-SW-90-059W) 05/08/90

Order Number: PB90-234-238 Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for Distillation Bottoms from the Production of Aniline, K083 (Final)**

Provides Agency rationale and technical support for developing treatment standards for distillation bottoms from production of aniline (K083). Presents waste-specific information on the number and locations of facilities that may be affected by land disposal restrictions that generate waste and that use technologies to treat waste.

(EPA/530-SW-90-060J) 05/08/90

Order Number: PB90-234-378 Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for Distillation Bottoms from the Production of Nitrobenzene by the Nitration of Benzene, K025 (Final)**

Provides Agency rationale and technical support for developing treatment standards for distillation bottoms from production of nitrobenzene by nitration of benzene (K025). Supplies waste characterization data that serve as a basis for determining whether variance from treatment standard may be warranted from a particular type of K025.

(EPA/530-SW-90-060K) 05/08/90

Order Number: PB90-234-386 Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for F001-F005 Spent Solvents (Complete Set)**

Presents Agency rationale for revising treatment standards for methylene chloride in F001-F005 wastewaters from the pharmaceuticals manufacturing industry. See also EPA/530-SW-88-031R, Amendment to BDAT document for F001-F005 spent solvents.

(EPA/530-SW-86-056) 11/15/86

Order Number: PB87-120-259 Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for F001-F005 Spent Solvents; Volume 1**

Presents Agency rationale for revising treatment standards for methylene chloride in F001-F005 wastewaters from the pharmaceuticals manufacturing industry. See also EPA/530-SW-88-031R, Amendment to BDAT document for F001-F005 spent solvents.

(EPA/530-SW-86-056A) 11/15/86

Order Number: PB87-120-267/AS Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for F001-F005 Spent Solvents; Volume 2**

Presents Agency rationale for revising treatment standards for methylene chloride in F001-F005 wastewaters from the pharmaceuticals manufacturing industry. See also EPA/530-SW-88-031R, Amendment to BDAT document for F001-F005 spent solvents.

(EPA/530-SW-86-056B) 11/15/86

Order Number: PB87-120-275/AS Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for F001-F005 Spent Solvents; Volume 3**

Presents Agency rationale for revising treatment standards for methylene chloride in F001-F005 wastewaters from the pharmaceuticals manufacturing industry. See also EPA/530-SW-88-031R, Amendment to BDAT document for F001-F005 spent solvents.

(EPA/530-SW-86-056C) 11/15/86

Order Number: PB87-120-283 Order Form: NTIS



**Best Demonstrated Available Technology (BDAT) Background Document for F001-F005 Spent Solvents; Amendment to Volumes 1 and 2 (Final)**

Presents new data received by EPA and provides Agency rationale for revising treatment standards for methylene chloride in F001-F005 wastewaters from pharmaceutical manufacturing industries. Revised EPA treatment standard for methylene chloride is 0.44 ppm versus previous 12.7 ppm.

(EPA/530-SW-88-031R)

08/15/88

Order Number: PB89-142 525

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for F002 (1,1,2-Trichloroethane) and F005 (Benzene, 2-Ethoxyethanol, and 2-Nitropropane); Amendment (Final)**

Presents data and rationale for the development of treatment standards for F002 (1,1,2-Trichloroethane) and F005 (Benzene, 2-Ethoxyethanol, and 2-Nitropropane).

(EPA/530-SW-90-059P)

05/08/90

Order Number: PB90-234 162

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for F006 (Final)**

Gives Agency rationale and technical support for selecting constituents to be regulated in F006 waste and for developing treatment standards for regulated constituents. Document provides waste characterization and treatment information to serve in determining whether variances may be warranted.

(EPA/530-SW-88-031L)

08/08/88

Order Number: PB89-142 467

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for F006; Addendum (Final)**

Provides Agency rationale and technical support for developing treatment standards for F006 wastewaters. Discusses F006 wastes, their generation, and industries affected by land disposal restrictions.

(EPA/530-SW-90-059M)

05/08/90

Order Number: PB90-234 139

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for Halogenated Pesticide and Chlorobenzene Wastes (K032-K034, K041, K042, K085, K097, K098, K105, and D012-D017) (Final)**

Provides Agency rationale and technical support for developing treatment standards for halogenated pesticide and chlorobenzene wastes. Describes processes generating wastes and waste characterization data.

(EPA/530-SW-90-060P)

05/08/90

Order Number: PB90-234 436

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for Inorganic Pigment Wastes, K002-K008 (Final)**

Provides Agency rationale and technical support for developing treatment standards for inorganic pigment wastes. Gives waste-specific information for K002-K008 wastes, specifying number and location of facilities affected by land disposal restrictions. Discusses technologies used to treat waste.

(EPA/530-SW-90-059Y)

05/08/90

Order Number: PB90-234 253

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for K001 (Final)**

Provides Agency rationale and technical support for selecting and developing nonwastewater forms for K001 as identified in 40 CFR 261.32. Presents waste-specific information, treatment technologies, and performance data. Explains EPA's BDAT determination.

(EPA/530-SW-88-031O)

08/15/88

Order Number: PB89-142 491

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for K001 (Addendum) and U051 (Creosote) (Final)**

Provides Agency rationale and technical support for revisions to numerical treatment standards for K001 wastes. Presents treatment standards for U051 (creosote). Addendum to supporting BDAT background document for K001 wastewaters and nonwastewaters by providing corrections to original K001 treatment standards and performance data.

(EPA/530-SW-90-059C)

05/08/90

Order Number: PB90-234 030

Order Form: NTIS



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**Best Demonstrated Available Technology (BDAT) Background Document for K009 and K010 (Final)**

Gives Agency technical support for selecting and developing treatment standards only for chloroform for K009-K010 wastes. Sections 2 through 7 present waste-specific information, applicable and demonstrated technologies, available performance data, EPA determination of BDAT, selection of regulated constituent, and determination of treatment standards.

(EPA/530-SW-89-048I)

06/15/89

Order Number: PB89-221 469

Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K011, K013, and K014 (Final)**

Presents Agency technical support for selecting and developing treatment standards for constituents regulated in acrylonitrile nonwastewater. Contains information relevant to acrylonitrile wastewaters. Presents waste-specific information, waste treatment technologies, available performance data, EPA determination of BDAT, selection of constituents to be regulated, and treatment standards.

(EPA/530-SW-89-048J)

06/15/89

Order Number: PB89-221 477

Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K011, K013, and K014; Addendum for Acrylonitrile Wastes (Final)**

Provides Agency rationale and technical support for developing treatment standards for K011, K013, and K014. Also provides the rationale for technologies evaluated in the determination of BDAT for K011/K013/K014 wastewaters. Agency regulates five BDATs as are regulated in nonwastewaters: acetonitrile, acrylonitrile, acrylamide, benzene, and cyanide. Standards are based on the treatment performance of wet air oxidation. Table 1-1 presents treatment standards for K011/K013/K014 wastewaters.

(EPA/530-SW-90-059O)

05/08/90

Order Number: PB90-234 154

Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K015 (Final)**

Provides Agency rationale and technical support for selecting constituents to be regulated in K015 waste. Also provides rationale and support for developing treatment standards for regulated constituents. Provides waste characterization data to serve as the basis for determining whether variances may be warranted.

(EPA/530-SW-88-031A)

08/08/88

Order Number: PB89-142 350

Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K015; Addendum (Final)**

Provides Agency rationale and technical support for selecting constituents to be regulated for K015 nonwastewaters, and for developing BDAT treatment standards for regulated constituents. Addendum to supporting document for K015 dated August 1988, which contains most recent information regarding untreated K015 waste and K015 wastewater standards.

(EPA/530-SW-90-059D)

05/08/90

Order Number: PB90-234 048

Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K016, K018, K019, K020, and K030 (Final)**

Provides Agency rationale and technical support for selecting constituents to be regulated for K016, K018-K020, and K030 wastes. Also provides support for developing treatment standards for regulated wastes' constituents. Gives waste characterization information to serve in determining if variance is warranted for particular wastes.

(EPA/530-SW-88-031B)

08/15/88

Order Number: PB89-142 368

Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K021 (Final)**

Provides Agency technical support and rationale for selecting and developing treatment standards for constituents to be regulated for K021 waste (aqueous spent antimony catalyst waste from fluoromethanes production). Discusses technologies used to treat waste and the treatment standards.

(EPA/530-SW-90-059F)

05/08/90

Order Number: PB90-234 063

Order Form: NTIS



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**Best Demonstrated Available Technology (BDAT) Background Document for K022 (Non-CBI Version) (Final)**

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Provides Agency rationale and technical support for selecting and developing treatment standards for nonwastewater forms of K022 as identified in 40 CFR 261.32. Presents waste-specific information, the technologies used to treat wastes, and performance data. Explains EPA's BDAT determination.

(EPA/530-SW-88-031Q)

08/15/88

Order Number: PB89-142 517

Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K022; Amendment (Final)**

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Presents Agency rationale and technical support for selecting constituents for regulation in wastewater forms of K022. Discusses the technologies used to treat waste and the treatment standards.

(EPA/530-SW-90-060I)

05/08/90

Order Number: PB90-234 360

Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K024 (Final)**

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Provides Agency rationale and technical support for selecting constituents to be regulated in K024 waste. Also provides rationale for developing treatment standards for regulated constituents. Provides waste characterization and treatment information that serves as a basis for determining whether variances may be warranted.

(EPA/530-SW-88-031H)

08/15/88

Order Number: PB89-142 426

Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K031, K084, K101, K102, Characteristic Arsenic Wastes (D004), Characteristic Selenium Wastes (D010), and P and U Wastes Containing Arsenic and Selenium Listing Constituents (Final)**

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Provides Agency rationale and technical support for developing regulatory standards for certain wastes containing arsenic and selenium. Presents data regarding industries affected by land disposal restriction, brief descriptions of waste-generating processes, and waste characterization data. Discusses the technologies used to treat wastes and the treatment standards.

(EPA/530-SW-90-059A)

05/08/90

Order Number: PB90-234 014

Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K037 (Final)**

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Provides Agency rationale and technical support for selecting and developing treatment standards for K037 waste as identified in 40 CFR 261.32. Presents waste-specific information, treatment technologies, and performance data. Explains EPA's BDAT determination.

(EPA/530-SW-88-031I)

08/15/88

Order Number: PB89-142 434

Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K037; Amendment (Final)**

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Provides Agency rationale and technical support for revising BDAT for regulated constituents in K037 wastewaters and for developing treatment standards for constituents. Includes performance data for wastewater constituents parathion and toluene.

(EPA/530-SW-90-060O)

05/08/90

Order Number: PB90-234 428

Order Form: NTIS



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**Best Demonstrated Available Technology (BDAT) Background Document for K043 (Final)**

Provides Agency rationale and technical support for selecting and developing proposed treatment standards for K043 as identified in 40 CFR 261.32. Presents waste-specific information, discusses technologies used to treat waste, and gives performance data. Explains EPA's BDAT determination. (EPA/530-SW-89-048L) 06/15/89

Order Number: PB89-221 493 Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K046 Nonreactive Subcategory (Final)**

Provides Agency rationale and technical support for selecting constituents to be regulated in K046 waste and for developing treatment standard for regulated constituents. Gives waste characterization information that serves as a basis for determining whether variances may be warranted. (EPA/530-SW-88-031J) 08/15/88

Order Number: PB89-142 442 Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K046; Addendum (Final)**

Provides Agency technical support and rationale for developing regulatory standards for K046 wastes. Discusses waste generation and industries affected by land disposal restrictions, plus technologies to treat waste and treatment standards. Identifies applicable treatment technologies. Includes performance data on: untreated/treated waste concentrations for various constituents and waste characteristics that affect performance of treatment technology. Appendix shows determination of nonreactive/reactive forms of K046. (EPA/530-SW-90-059J) 05/08/90

Order Number: PB90-234 105 Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K048, K049, K050, K051, and K052 (Final)**

Provides Agency rationale and technical support for selecting constituents regulated in K048-K052 wastes and for developing treatment standards for constituents. Provides waste characterization information for determining whether variances may be warranted for particular wastes. Explains EPA's determination of BDAT, selection of constituents to be regulated, and the calculation of treatment standards. (EPA/530-SW-88-031C) 08/15/88

Order Number: PB89-142 376 Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K048, K049, K050, K051, and K052; Amendment (Final)**

Presents K048-K052 solvent extraction and incineration scrubber water data used to develop treatment standards for nonwastewaters. Presents K048 incinerator scrubber water data used to develop treatment standards for cyanide in wastewaters. Provides Agency rationale and technical support for developing, adding, and deleting various treatment standards for K048-K052. Also provides rationale and support for selecting cyanide as a regulated constituent and developing treatment standards for cyanide in wastewater forms of K048-K052. (EPA/530-SW-90-060R) 05/08/90

Order Number: PB90-234 451 Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K060 (Final)**

Provides Agency technical support and rationale for selecting and developing proposed treatment standards for constituents to be regulated in K060 waste. Explains how EPA determines BDAT, selects constituents for regulation, and calculates treatment standards. Sections 2 through 7 describe waste-specific information and the technologies used to treat waste. (EPA/530-SW-90-059H) 05/08/90

Order Number: PB90-234 089 Order Form: NTIS



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**Best Demonstrated Available Technology (BDAT) Background Document for K061 (Final)**

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Provides Agency rationale and technical support for selecting constituents to be regulated in K061 waste and for developing treatment standards for regulated constituents. Provides waste characterization and treatment information that serves as a basis for determining whether variances may be warranted.

(EPA/530-SW-88-031D)

08/15/88

Order Number: PB89-142 384      Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K061; Addendum (Final)**

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Presents technical support and rationale for promulgation of treatment standards for K061 wastewaters. Issued as an addendum to the August 1988 background document for K061. Promulgates standards for four BDAT metal constituents (cadmium, chromium, lead, and nickel) regulated in K061 nonwastewaters. Treatment standards for K061 wastewaters are included.

(EPA/530-SW-90-059I)

05/08/90

Order Number: PB90-234 097      Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K062 (Final)**

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Provides Agency rationale and technical support for selecting and developing treatment standards for K062 wastes as identified in 40 CFR 261.32. Presents waste-specific information, technologies used to treat waste, and performance data. Explains EPA's BDAT determination.

(EPA/530-SW-88-031E)

08/15/88

Order Number: PB89-142 392      Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K071 (Final)**

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Provides Agency rationale and technical support for selecting constituents to be regulated in K071 waste and for developing treatment standards for regulated constituents. Provides waste characterization and treatment information for determining whether variance may be warranted.

(EPA/530-SW-88-031F)

08/08/88

Order Number: PB89-142 400      Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K073 (Final)**

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Provides Agency technical support for selecting and developing treatment standards for constituents to be regulated in K073 waste. Section 2 presents waste-specific information. Section 3 discusses technologies used to treat wastes, and Section 4 presents available performance data. Section 5 explains EPA's determination of BDAT. Selection of constituents to be regulated is discussed in Section 6. Treatment standards are determined in Section 7.

(EPA/530-SW-90-059E)

05/08/90

Order Number: PB90-234 055      Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K086 Solvent Wash (Final)**

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Provides Agency rationale and technical support for selecting and developing treatment standards for K086 solvent waste wash as identified in 40 CFR 261.32. Presents waste-specific information, technologies used to treat wastes, and available performance data. Explains EPA's BDAT determination.

(EPA/530-SW-88-031N)

08/15/88

Order Number: PB89-142 483      Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K086 (Ink Formulation Equipment Cleaning Wastes); Addendum (Final)**

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Provides Agency technical support for selecting and developing treatment standards for constituents to be regulated in K086 waste. Such constituents are defined as solvents, caustic, or water washes and sludges from cleaning tubs, equipment used in the formulation of ink from pigments or driers, as well as soaps and stabilizers containing chromium and lead. Additional data were obtained by the Agency about caustic washes and sludges. Solvent wash sludges also are presented.

(EPA/530-SW-90-059G)

05/08/90

Order Number: PB90-234 071      Order Form: NTIS



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**Best Demonstrated Available Technology (BDAT) Background Document for K087 (Final)**

Provides Agency rationale and technical support for selecting constituents to be regulated in K087 wastes and also for developing treatment standards for regulated constituents. Provides waste characterization information for determining whether variances may be warranted.

(EPA/530-SW-88-031M)

08/08/88

Order Number: PB89-142 475

Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K099 (Final)**

Provides Agency rationale and technical support for selecting constituents to be regulated in K099 waste as well as for developing treatment standards for regulated constituents. Provides waste characterization data for determining whether treatment variances may be warranted.

(EPA/530-SW-88-031S)

08/15/88

Order Number: PB89-142 533

Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K101 and K102 Low Arsenic Subcategory (Final)**

Provides Agency rationale and technical support for selecting constituents to be regulated in K101-K102 wastes and also for developing treatment standards for regulated constituents. Provides waste characterization information for determining whether variances may be granted.

(EPA/530-SW-88-031K)

08/15/88

Order Number: PB89-142 459

Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for K103 and K104 (Final)**

Provides Agency rationale and technical support for selecting constituents to be regulated in K103-K104 wastes and also for developing treatment standards for regulated constituents. Provides waste characterization and treatment information that determine whether variances may be warranted.

(EPA/530-SW-88-031G)

08/15/88

Order Number: PB89-142 418

Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for Mercury-Containing Wastes (D009, K106, P065, P092, and U151) (Final)**

Presents Agency rationale and technical support for developing regulatory treatment standards for mercury-containing wastes coded D009, K106, P065, P092, and U151. Section 2 describes industries affected and Section 3 specifies applicable and demonstrated treatment technologies. Section 4 contains performance data and Section 5 analyzes performance data to determine BDAT for each waste. Section 6 presents rationale for selection of regulated constituents. BDAT treatment standards and calculation are presented in Section 7.

(EPA/530-SW-90-059Q)

05/08/90

Order Number: PB90-234 170

Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for Organophosphorus Wastes, K036 Nonwastewaters; Amendment (Final)**

Discusses incineration for treating disulfoton, a proposed constituent in K036 nonwastewaters. Determines incineration as the best available technology, and gives EPA's rationale for transferring treatment data for incineration of K037 to K036 nonwastewater streams.

(EPA/530-SW-90-060N)

05/08/90

Order Number: PB90-234 410

Order Form: NTIS

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**Best Demonstrated Available Technology (BDAT) Background Document for Organophosphorus Wastes, K038-K040, and Various P and U Codes (Final)**

Provides Agency technical support for selecting and developing treatment standards for constituents to be regulated in organophosphorous wastes. Section 2 includes waste specific information, and Section 3 describes applicable and demonstrated treatment technologies. Section 4 presents available performance data, and Section 5 explains EPA's determination of BDAT. Section 6 presents support for the selection of constituents to be regulated, and Section 7 contains treatment standards.

(EPA/530-SW-89-048G)

06/15/89

Order Number: PB89-221 444

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for P and U Thallium Wastes (Final)**

Presents waste-specific information for thallium-containing waters. Also provides the number and location of facilities affected by land disposal restrictions, waste-generating processes, and waste characterization data. Discusses technologies used to treat waste and provides available performance data, including data on which treatment standards are based. Explains EPA's BDAT determination.

(EPA/530-SW-90-059R) 05/08/90

Order Number: PB90-234 188 Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for Phthalate Wastes, K023, K093, K094, and Various P and U Codes (Final)**

Provides Agency technical support for selecting and developing treatment standards for constituents regulated in phthalate wastes as identified in 40 CFR 261.32 - 261.33. Presents waste-specific data, technologies used to treat wastes, and available performance data. Explains EPA's BDAT determination.

(EPA/530-SW-89-048H) 06/15/89

Order Number: PB89-221 451 Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for Quality Assurance/Quality Control Procedures and Methodology (Final)**

Provides EPA's approach for implementing Land Disposal Restriction Program regarding how treatment standards were developed for earlier rules. Also provides how EPA intends to collect and evaluate treatment data to develop treatment standards on future rules. Presents the Quality Assurance Project Plan, the methodology used for establishing treatment standards, a summarization of the treatment standards for the Solvents and Dioxins Rule, California List Rule, and First-, Second-, and Third Third Rules.

(EPA/530-R-92-002) 10/23/91

Order Number: PB92-149 277 Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for Silver-Containing Wastes D011, P099, P104 (Final)**

Determines that D011 wastes represent one treatability group for nonwastewaters and another treatability group for wastewaters based on physical and chemical characteristics. EPA examines sources of wastes, specific similarities in waste composition, applicable and demonstrated treatment technologies, and attainable treatment performance standards to support a simplified regulatory approach for silver-containing wastes.

(EPA/530-SW-90-059X) 05/08/90

Order Number: PB90-234 246 Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for Stripping Still Tails from the Production of Methyl Ethyl Pyridine, K026 (Final)**

Provides Agency reasons and support for developing standards. Gives waste characterization data that serve as a basis for determining whether a variance from treatment standard may be warranted for a particular type of K026.

(EPA/530-SW-90-060L) 05/08/90

Order Number: PB90-234 394 Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes and Multisource Leachate (F039), Volume A: Wastewater Forms of Organic U and P Wastes and Multisource Leachate (F039) for Which There Are Concentration-Based Treatment Standards**

Provides Agency rationale and technical support for developing concentration-based treatment standards for multi-source leachates and organic U and P wastes amenable to quantification in hazardous waste matrices. Standards are applicable to wastes listed as well as wastes generated by management/treatment of listed waste. Treatment standards are specified for nonwastewater and wastewater forms of listed hazardous wastes.

(EPA/530-SW-90-060F) 05/08/90

Order Number: PB90-234 337 Order Form: NTIS



**Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume B: U and P Wastewaters and Nonwastewaters with Methods of Treatment as Treatment Standards**

Provides Agency rationale and technical support for developing treatment standards for U and P wastes with methods of treatment as BDAT treatment standards. Standards are applicable to wastes as listed in 40 CFR 261.33 (e) and (f) and wastes generated by management or treatment of listed waste. Treatment standards are specified for both nonwastewater and wastewater forms of the listed hazardous waste. Wastewaters defined as containing less than 1% (weight basis) total suspended solids and less than 1% (weight basis) total organic carbon (TOC).

(EPA/530-SW-90-060G) 05/08/90

Order Number: PB90-234 345 Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume C: Nonwastewater Forms of Organic U and P Wastes and Multisource Leachate (F039) for Which There Are Concentration-Based Treatment Standards**

Provides a description of industries affected by land disposal restrictions, processes that are generating wastes, and available waste characterization data. Includes EPA's rationale for combining waste codes into 12 treatability groups. The rationale for identifying BDAT wastes also is presented. Data used for calculating and determining treatment standards are given.

(EPA/530-SW-90-060H) 05/08/90

Order Number: PB90-234 352 Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume D: Reactive U and P Wastewaters and Nonwastewaters**

Provides Agency rationale and technical support for developing treatment standards for U and P wastes with reactive listing constituents. Standards are specified for nonwastewater and wastewater forms of each listed hazardous waste. Wastewaters are defined as wastes containing less than 1% (weight basis) total suspended solids and less than 1% (weight basis) total organic carbon (TOC).

(EPA/530-SW-90-060C) 05/08/90

Order Number: PB90-234 303 Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume E: U and P Gaseous Wastes**

Provides Agency rationale and technical support for developing method-based treatment standards for three gaseous U and P wastes: ethylene oxide (U115), nitric oxide (P076), and nitrogen dioxide (P078). Standards are applicable to wastes both listed and generated by management. Standards are specified for both nonwastewater and wastewater forms of listed hazardous wastes. Wastewaters are defined as wastes containing less than 1% (weight basis) total suspended solids and less than 1% (weight basis) total organic carbon (TOC).

(EPA/530-SW-90-060S) 05/08/90

Order Number: PB90-234 469 Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for Vanadium-Containing Wastes P119 and P120 (Final)**

Presents waste-specific information for P119 and P120 wastes. Gives the number and location of facilities affected by land disposal restrictions, waste-generating processes, and waste characterization data. Discusses technologies used to treat wastes (or similar wastes). Presents available performance data, including data upon which treatment standards are based. Explains EPA's determination of BDAT.

(EPA/530-SW-90-059S) 05/08/90

Order Number: PB90-234 196 Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Chlorinated Aliphatic Hydrocarbons, F024 (Final)**

Provides EPA standards and technical support for selecting constituents regulated in F024 and also for developing treatment standards as required under 40 CFR 261.31. Explains determination of BDAT and calculates the treatment standards.

(EPA/530-SW-89-048M)

05/15/89

Order Number: PB 89-221 501

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Chlorinated Aliphatic Hydrocarbons, F024; Amendment (Final)**

Gives F024 incinerator ash stabilization data, plus EPA's reasons for selecting metal constituents to be regulated in non-wastewater forms of F024. Also provides reasons for deleting chlorinated dibenzodioxins and dibenzofurans as regulated constituents in F024. Details the approach used in developing treatment standards for metal constituents in non-wastewater forms of F024.

(EPA/530-SW-90-060Q)

05/08/90

Order Number: PB90-234 444

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Chlorinated Aliphatics F025 (Final)**

Provides Agency rationale and technical support for selecting constituents to be regulated in F025 and for developing treatment standards. Includes applicable waste-specific information, demonstrated technologies, and summarizes available performance data. Explains EPA's BDAT determination.

(EPA/530-SW-90-060A)

05/08/90

Order Number: PB90-234 287

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Dinitrotoluene, Toluenediamine, and Toluene Diisocyanate, K027, K111-K116, U221, and U223 (Final)**

Provides Agency treatment standards for the wastes identified in 40 CFR 261.32 and 40 CFR 261.33, known as K027, K113-116, U221, and U223. Explains EPA's BDAT determination, selection of constituents to be regulated, and calculation of treatment standards.

(EPA/530-SW-89-048O)

05/15/89

Order Number: PB89-221 527

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Epichlorohydrin, K017 (Final)**

Provides Agency rationale and technical support for selecting constituents for regulation in K017 and for developing treatment standards. Provides waste characterization data for determining whether variances from treatment may be warranted in particular cases. Waste-specific information is included.

(EPA/530-SW-90-060D)

05/08/90

Order Number: PB90-234 311

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of 1,1,1-Trichloroethane, K028, K029, K095, and K096 (Final)**

Provides Agency rationale and technical standards for selecting constituents regulated in K028, K029, K095, K096, and K028. Also provides background on developing treatment standards as identified in 40 CFR 261.32. Provides waste-specific information.

(EPA/530-SW-89-048N)

05/25/89

Order Number: PB89-221 519

Order Form: NTIS



**Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of 1,1,1-Trichloroethane, K028, K029, K095, and K096; Amendment (Final)**

Evaluates treatment performance data from the stabilization of ash from incineration of F024. EPA modifies treatment standards for metals in K028 nonwastewaters. Provides rationale and technical support for selecting metal constituents for regulation in K028 nonwastewaters, and for selecting organic constituents for regulating K029, K095, and K096 wastewaters.

(EPA/530-SW-90-060E)

05/08/90

Order Number: PB90-234 329

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Document for Wastewater Treatment Sludges Generated in the Production of Creosote K035 (Final)**

Provides Agency rationale and technical support for selecting constituents for regulation in K035 and for developing treatment standards for constituents. Provides waste characterization data for determining whether variances from treatment standards may be warranted.

(EPA/530-SW-90-060M)

05/08/90

Order Number: PB90-234 402

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Documents for First Third Wastes; Final Rule (Complete Set)**

Supports final land disposal restriction rule for the First Third wastes. Estimates quantities of wastes that require alternative treatment or recovery prior to disposal. Reassesses capacity analyses developed for wastes covered by previous rules. Discusses quantities of the First Third wastes affected by proposed rules. Data were obtained from results of the National Survey of Hazardous Waste Treatment, Storage, Disposal, and Recycling Facilities.

(EPA/530-SW-88-031)

08/15/88

Order Number: PB89-142 343

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Documents for Second Third Wastes; Final Rule (Complete Set)**

Supports final land disposal restriction rule for the Second Third wastes. Estimates quantities of wastes that require alternative treatment or recovery prior to disposal. Reassesses capacity analyses developed for wastes covered by previous rules. Discusses quantities of the Second Third wastes affected by proposed rules. Data were obtained from results of the National Survey of Hazardous Waste Treatment, Storage, Disposal, and Recycling Facilities.

(EPA/530-SW-89-048)

06/15/89

Order Number: PB89-221 402

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Documents for Third Third Wastes; Final Rule (First Part of Complete Set)**

Supports final land disposal restriction rule for the Third Third wastes. Estimates quantities of wastes that require alternative treatment or recovery prior to disposal. Reassesses capacity analyses developed for wastes covered by previous rules. Discusses quantities of the Third Third wastes affected by proposed rules. Data were obtained from results of the National Survey of Hazardous Waste Treatment, Storage, Disposal, and Recycling Facilities.

(EPA/530-SW-90-059)

05/08/90

Order Number: PB90-234 006

Order Form: NTIS

**Best Demonstrated Available Technology (BDAT) Background Documents for Third Third Wastes; Final Rule (Second Part of Complete Set)**

Supports final land disposal restriction rule for the Third Third wastes. Estimates quantities of wastes that require alternative treatment or recovery prior to disposal. Reassesses capacity analyses developed for wastes covered by previous rules. Discusses quantities of the Third Third wastes affected by proposed rules. Data were obtained from results of the National Survey of Hazardous Waste Treatment, Storage, Disposal, and Recycling Facilities.

(EPA/530-SW-90-060)

05/08/90

Order Number: PB90-234 279

Order Form: NTIS



### **Bibliographic Series: Waste Minimization: Hazardous and Non-Hazardous Solid Waste (1980 to Present)**

Compiles journal articles, books, government reports and bibliographies, conference proceedings, scientific and technical papers, and speeches in support of an overall Agency strategy to promote waste minimization and improve access to source reduction and recycling information.

(EPA/IMSD-87-007)

09/15/87

Order Number: PB88-163 787/AS Order Form: NTIS

### **Bibliography of Municipal Solid Waste Management Alternatives**

Compiles references concerning the management of solid waste through source reduction, recycling, composting, incineration, land disposal, and household hazardous wastes. Designed primarily for waste management efforts at the local level.

08/15/89

Order Number: EPA/530-SW-89-055 Order Form: OSW

### **Census of State and Territorial Subtitle D Non-Hazardous Waste Programs**

Summarizes the findings of census information from state and territorial Subtitle D nonhazardous waste programs. Describes background, objectives, methods, results, and conclusions of census, including state organizational structures and resources for Subtitle D programs. Also includes information on the total number of basic characteristics of Subtitle D facilities, and data on regulatory programs.

(EPA/530-SW-86-039)

10/15/86

Order Number: PB87-108 080/AS Order Form: NTIS

### **Characterization of Municipal Solid Waste in the United States, 1960-2000**

Summarizes historical MSW quantities and the composition of waste from 1960 to 1986, with projections to year 2000. Material flows methodology developed by EPA in 1970s is used to make estimates.

07/25/86

Order Number: PB87-178 323 Order Form: NTIS

### **Characterization of Municipal Solid Waste in the United States: 1990 Update**

Characterizes municipal solid waste for a report in a 20-year series sponsored by EPA. Updates database for 50-year characterization of materials and products in the MSW. Differences between the 1990 update and previous material flows reports are explained.

(EPA/530-SW-90-042)

06/15/90

Order Number: PB90-215 112 Order Form: NTIS

### **Characterization of Municipal Solid Waste in the United States: 1990 Update; Executive Summary**

Summarizes a study of MSW in United States on data through 1988. Summary Characterizes MSW by volume and weight. Provides information on the recovery of materials for recycling, composting, and combustion from 1960 to 1988. Projects MSW generation to year 2010, combustion until 2000, and recovery and recycling through 1995.

06/15/90

Order Number: EPA/530-SW-90-042A Order Form: OSW

### **Characterization of Municipal Waste Combustion Ash, Ash Extracts, and Leachates**

Characterizes municipal waste combustion ashes, laboratory extracts of MWC ashes, and leachates from MSW ash disposal facilities. Analyzes bottom and fly ash samples from five mass-burn MWC facilities and leachate samples from companion ash disposal facilities.

(EPA/530-SW-90-029A)

03/15/90

Order Number: PB90-187 154 Order Form: NTIS

### **Characterization of Municipal Waste Combustion Ash, Ash Extracts, and Leachates; Executive Summary**

Outlines the characterization of municipal waste combustion ash, ash extracts, and leachates study. See preceding abstract.

03/15/90

Order Number: EPA/530-SW-90-029B Order Form: OSW



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**Characterization of MWC Ashes and Leachates from MSW Landfills, Monofills, and Co-Disposal Sites (Complete Set)**

Supports EPA study of Subtitle D program. Principal objective was to assist in the development of data to evaluate potential health and environmental effects of leachate from municipal landfills. Baseline data include a range of concentrations of organics and inorganics in fly ash, bottom ash, and combined ash.

(EPA/530-SW-87-028) 10/15/87

Order Number: PB88-127 931 Order Form: NTIS

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**Characterization of MWC Ashes and Leachates from MSW Landfills, Monofills, and Co-Disposal Sites; Volume I: Summary**

Supports EPA study of Subtitle D program. Principal objective was to assist in the development of data to evaluate potential health and environmental effects of leachate from municipal landfills. Baseline data include a range of concentrations of organics and inorganics in fly ash, bottom ash, and combined ash.

(EPA/530-SW-87-028A) 10/15/87

Order Number: PB88-127 949 Order Form: NTIS

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**Characterization of MWC Ashes and Leachates from MSW Landfills, Monofills, and Co-Disposal Sites; Volume II: Leachate Baseline Report; Determination of Municipal Landfill Leachate Characteristics**

Supports EPA study of Subtitle D program. Principal objective was to assist in the development of data to evaluate potential health and environmental effects of leachate from municipal landfills. Summarizes existing leachate characteristic data including concentrations of organic and inorganic parameters.

(EPA/530-SW-87-028B) 10/15/87

Order Number: PB88-127 956 Order Form: NTIS

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**Characterization of MWC Ashes and Leachates from MSW Landfills, Monofills, and Co-Disposal Sites; Volume III: Addendum to Characterization of Municipal Landfill Leachates; A Literature Review**

Summarizes findings of literature on leachate production at municipal solid waste landfills. Summarizes information found on factors influencing quantity and quality of leachates generated at Subtitle D municipal landfills. Presents data generated on the composition of actual leachates and leachates formulated under test conditions (extracts).

(EPA/530-SW-87-028C) 10/15/87

Order Number: PB88-127 964 Order Form: NTIS

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**Characterization of MWC Ashes and Leachates from MSW Landfills, Monofills, and Co-Disposal Sites; Volume IV: Characterization of Municipal Waste Combustion Residues and their Leachates; A Literature Review**

Reviews literature and results of research conducted for EPA. Covers the results of research. Data address environmental issues associated with contaminant discharges from municipal waste combustor (MWC) residues into environmental media. Addresses potential discharges of leachates into soil, ground water, and surface water. Describes the chemical characteristics of fly ash, bottom ash, and combined ashes, and characteristics of extracts and leachates.

(EPA/530-SW-87-028D) 10/15/87

Order Number: PB88-127 972 Order Form: NTIS

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**Characterization of MWC Ashes and Leachates from MSW Landfills, Monofills, and Co-Disposal Sites; Volume V: Characterization of Municipal Waste Combustor Residues**

Describes planning, sampling, and analysis activities. Summarizes the results of chemical analyses performed on fly ash, bottom ash, and laboratory-prepared leachates of both types of ash. Evaluates results of analyses pertinent to municipal waste combustor (MWC) facility design and operation, variations among leachate preparation procedures, and characterization of residues such as hazardous wastes.

(EPA/530-SW-87-028E) 10/15/87

Order Number: PB88-127 980 Order Form: NTIS\*



**Characterization of MWC Ashes and Leachates from MSW Landfills, Monofills, and Co-Disposal Sites; Volume VI: Characterization of Leachates from Municipal Waste Disposal Sites and Co-Disposal Sites**

Characterizes leachates from municipal waste disposal sites and co-disposal sites. Prepared to provide support to EPA's study of 40 CFR 268 Subtitle D program. Develops data to evaluate potential effects on humans and the environment from leachates generated by landfills. Volume VI of VII.

(EPA/530-SW-87-028F)

10/15/87

Order Number: PB88-127 998 Order Form: NTIS

**Characterization of MWC Ashes and Leachates from MSW Landfills, Monofills, and Co-Disposal Sites; Volume VII: Addendum to Monofill Report**

Includes conventional parameters in leachates from monofills and in quench waters with landfill samplings from several sites. Addendum is Volume VII of VII.

(EPA/530-SW-87-028G)

10/15/87

Order Number: PB88-128 004 Order Form: NTIS

**Characterization of Products Containing Lead and Cadmium in Municipal Solid Waste in the United States, 1970 to 2000**

Characterizes sources of lead and cadmium in products disposed of in MSW between 1970 to 1986, with projections to year 2000. Findings include individual products in MSW that contain lead such as lead-acid batteries, consumer electronics, glass, and ceramics.

(EPA/530-SW-89-015A)

01/15/89

Order Number: PB89-151 039 Order Form: NTIS

**Characterization of Products Containing Lead and Cadmium in Municipal Solid Waste in the United States, 1970 to 2000; Executive Summary**

Summarizes investigation of sources of lead and cadmium products disposed of in MSW between 1970-1986, with projections to year 2000. Lead and cadmium products include: lead-acid batteries, household batteries, consumer electronics, glass, ceramics, plastics, soldered cans, and pigments.

01/15/89

Order Number: EPA/530-SW-89-015C Order Form: OSW

**Characterization of Products Containing Lead and Cadmium in Municipal Solid Waste in the United States, 1970 to 2000; Executive Summary and Chapter 1: Lead and Cadmium in Municipal Solid Waste; Overview and Summary**

Provides overview and summary of study investigating sources of lead and cadmium products disposed of in MSW between 1970-1986, with projections to year 2000. Lead and cadmium products include: lead-acid batteries, household batteries, consumer electronics, glass, ceramics, plastics, soldered cans, and pigments.

01/15/89

Order Number: EPA/530-SW-89-015B Order Form: OSW

**Characterization of Products Containing Mercury in Municipal Solid Waste in the United States, 1970 to 2000**

Identifies the products in municipal solid waste that may contain mercury and quantifies its presence in these products.

(EPA/530-R-92-013)

04/15/92

Order Number: PB92-162 569 Order Form: NTIS

**Characterization of Products Containing Mercury in Municipal Solid Waste in the United States, 1970 to 2000: Executive Summary**

Identifies the products in municipal solid waste that may contain mercury and quantifies its presence in these products.

04/15/92

Order Number: EPA/530-S-92-013 Order Form: OSW

**Charging Households for Waste Collection and Disposal: The Effects of Weight or Volume-Based Pricing on Solid Waste Management**

Studies impact on households from weight or volume-based pricing for solid waste collection and disposal services. Examines effect of unit pricing on waste generation and disposal behavior of households. Also examines the effect of unit pricing on costs of managing solid waste. Discusses the role of particular features of unit pricing and other complementary programs in promoting or mitigating different effects of unit pricing.

(EPA/530-SW-90-047)

09/15/90

Order Number: PB91-111 484 Order Form: NTIS



### **Chemical, Physical, and Biological Properties of Compounds Present at Hazardous Waste Sites (Final Report)**

Catalogs chemicals present at hazardous waste sites, profiling and summarizing chemicals by physical and biological properties. Regulations, standards, and recommended exposure levels pertaining to each chemical are included in profiles.

(EPA/530-SW-89-010)

09/27/85

Order Number: PB89-132-203 Order Form: NTIS

### **Closure of Hazardous Waste Surface Impoundments**

Presents closure plans and postclosure care considerations and details for surface impoundments containing hazardous wastes. Written for EPA Regional offices or state regulatory offices charged with evaluating and approving closure plans for surface impoundments. Describes and references methods, tests, and procedures involved in closing a site.

(EPA/SW-873)

09/15/82

Order Number: PB87-155-537/AS Order Form: NTIS

### **Closure/Postclosure and Financial Responsibility Requirements for Hazardous Waste Treatment, Storage, and Disposal Facilities; Final Rule; Background Document**

Provides support for final rule for closure and postclosure care, and financial responsibility requirements applicable to owners and operators of hazardous waste treatment, storage, and treatment facilities. Includes background of rule-making proceeding, public comments, and EPA responses.

(EPA/530-SW-86-009)

04/15/86

Order Number: PB86-210-671 Order Form: NTIS

### **Closure/Postclosure Interim Status Standards (40 CFR 265, Subpart G): Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004**

Assists regional offices in implementing regulations relevant to closure and postclosure plans. Clarifies concepts, definitions, and rationale behind requirements, and identifies major issues affecting closure and postclosure requirements. Concentrates on closure plans specific to six types of TSDFs: tanks, surface impoundments, land treatment facilities, landfills, incinerators, and multiple process facilities.

(EPA/SW-912)

01/15/84

Order Number: PB87-156-683/AS

### **Combined NRC/EPA Siting Guidelines for Disposal of Commercial Mixed Low-Level Radioactive and Hazardous Waste**

Explains combined NRC/EPA siting guidelines for disposal of commercial mixed low-level radioactive and hazardous waste. Specifically calls attention to Section 5(e)(1)(B) requiring non-sited compact or non-member states to develop siting plans for disposal facilities.

06/29/87

Order Number: EPA/530/SW-87-029 Order Form: OSW

### **Commercial Treatment/Recovery Data Set**

Outlines the commercial treatment/recovery capacity database. Contains data sets on incineration and reuse of fuel, as well as other treatment systems input in the database. Data are derived from the National Survey of Hazardous Waste Treatment, Storage, Disposal and Recycling Facilities.

(EPA/530-SW-90-078)

05/08/90

Order Number: PB90-259-789 Order Form: NTIS

### **Commercial Treatment/Recovery TSDR Survey Data Set**

Outlines the commercial treatment/recovery capacity database. Contains data sets on incineration and reuse of fuel, as well as other treatment systems input in the database. Data are derived from the National Survey of Hazardous Waste Treatment, Storage, Disposal and Recycling Facilities.

(EPA/530/SW-89-058)

06/15/89

Order Number: PB89-220-545 Order Form: NTIS



### **Compendium of ORD and OSWER Documents Relevant to RCRA Corrective Action**

Provides concise overview for regional and state regulatory personnel and facility owners or operators. The compendium includes available guidance and technical reports on remedial action technologies, site assessments, health assessment, construction techniques and procedures, costing techniques, and quality assurance/quality control procedures.

04/15/92

Order Number: EPA/530-B-92-003 Order Form: OSW

### **Compilation of Current Practices at Land Disposal Facilities: Summary of Liner and Leak Detection Designs, Action Leakage Rates, Response Action Plans, and Management of Liquids in Landfills**

Summarizes results of a nationwide evaluation of hazardous waste land disposal facility permits. Presents information on liners, leak detection systems, and the treatment of liquids and use of absorbents at landfills. Identifies current designs and operational practices of land disposal facilities.

(530-R-92-003) 01/15/92

Order Number: PB92-128 206 Order Form: NTIS

### **Compilation of Persons Who Design, Test, Inspect, and Install Storage Tank Systems**

Lists individuals and companies who provide one or more of the following services: assessment of the integrity of an existing tank system by an independent, qualified, registered professional engineer; assessments of new tank system design by independent, qualified, registered professional engineer; determination of the corrosion potential by an independent corrosion expert; and inspections for installation of new tank systems by an independent, qualified installation inspector or an independent, qualified, registered professional engineer.

(EPA/530-SW-88-019) 02/29/88

Order Number: PB88-197 611 Order Form: NTIS

### **Composition and Management of Used Oil Generated in the United States**

Characterizes used oil generation, management, and composition in the United States in 1983. Supports the development of used oil regulations and provides a framework for assessing the risks and benefits of alternative regulatory options.

(EPA/530-SW-84-013) 11/15/84

Order Number: PB85-180 297 Order Form: NTIS

### **Composition and Management of Used Oil Generated in the United States; Appendix**

Presents comprehensive analytical database for more than 1,000 waste oil samples.

(EPA/530-SW-84-013A) 11/15/84

Order Number: PB88-111 752 Order Form: NTIS

### **Construction Quality Assurance for Hazardous Waste Land Disposal Facilities; Technical Guidance Document**

Provides guidance on construction quality assurance (CQA) plan to be addressed during permit application procedure for hazardous waste land disposal facilities. Discussion includes: responsibility and authority, CQA personnel qualifications, inspections activities, sampling strategies, and documentation.

(EPA/530-SW-86-031) 10/15/86

Order Number: PB87-132 825 Order Form: NTIS

### **The Consumer's Handbook for Reducing Solid Waste**

Describes how consumers can reduce their garbage production by making environmentally aware decisions about the products and packaging they purchase, use, and ultimately dispose of. Suggestions follow four basic principles: reduce, reuse, recycle, and respond. Also lists state environmental agencies, as well as other publications and sources.

06/15/92

Order Number: EPA/530-K-92-003 Order Form: OSW



### **Corrective Measures for Releases to Groundwater from Solid Waste Management Units; Draft Final Report**

Provides guidance for identifying mechanisms to correct releases from solid waste management units (SWMUs) to ground water. Supplies an overview of control and treatment technologies in hydrogeologic settings, discusses case studies, and provides recommendations for the application of corrective measures to ground-water releases from SWMUs.

(EPA/530-SW-88-020)

08/15/85

Order Number: PB88-185-251

Order Form: NTIS

### **Corrective Measures for Releases to Soil from Solid Waste Management Units; Draft Final Report**

Discusses various types of removal, containment, and treatment technologies applicable to the remediation of releases to soils from solid waste management units (SWMUs). Provides an overview of corrective action technologies, discusses case studies, and includes recommendations for the application of corrective measures to soils from SWMUs.

(EPA/530-SW-88-022)

08/15/88

Order Number: PB88-185-277

Order Form: NTIS

### **Corrective Measures for Releases to Surface Waters; Draft Final Report**

Provides guidance for identifying mechanisms to correct releases from solid waste management units (SWMUs) to surface water. Provides an overview of corrective action technologies, discusses case studies, and advises on the selection of corrective measures to surface water from SWMUs.

(EPA/530-SW-90-085)

08/15/85

Order Number: PB91-102-046

Order Form: NTIS

### **Corrosivity Characteristic (40 CFR 261.22); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001**

Explains Agency's definition of corrosive waste, discusses comments received on Agency's proposed definition of corrosive waste, and the changes made in response to comments. Includes the rationale for the proposed Characteristic of Corrosivity for identification and listing of hazardous waste as well as the test methods used to make that determination.

05/01/80

Order Number: PB81-184-319

Order Form: NTIS

### **Criteria for Classification of Solid Waste Disposal Facilities and Practices; Notification Requirements for Industrial Solid Waste Disposal Facilities (40 CFR Part 257) (Draft)**

Amends 40 CFR Part 257 by imposing a two-part reporting requirement on industrial solid waste disposal facilities and construction and demolition waste landfills. The owner or operator is required to supply EPA with information on facility ownership and location with three descriptors: unit types and numbers, waste types, and total waste volume.

(EPA/530-SW-88-044)

07/15/88

Order Number: PB88-242-508

Order Form: NTIS

### **Criteria for Identifying Areas of Vulnerable Hydrogeology under RCRA (Complete Set)**

Provides RCRA permit writers with a standardized technical method for evaluating hydrogeologic data submitted in permit applications for hazardous waste land treatment, storage, and disposal facilities. The methodology determines if facilities are located in areas of vulnerable hydrogeology.

07/15/86

Order Number: PB86-224-946

Order Form: NTIS

### **Criteria for Identifying Areas of Vulnerable Hydrogeology: A RCRA Statutory Interpretative Guidance**

Provides RCRA permit writers with a standardized technical method for evaluating hydrogeologic data submitted in permit applications for hazardous waste land treatment, storage, and disposal facilities. The methodology determines if facilities are located in areas of vulnerable hydrogeology.

(EPA/530-SW-86-022)

07/15/86

Order Number: PB86-224-953

Order Form: NTIS

### **Criteria for Identifying Areas of Vulnerable Hydrogeology under RCRA; Appendix A: Technical Methods for Evaluating Hydrogeologic Parameters**

Discusses methods available for the determination of fluid conductivity under field conditions. Determines effective porosity and hydraulic gradient.

(EPA/530-SW-86-022A)

07/15/86

Order Number: PB86-224-961/AS

Order Form: NTIS



### **Criteria for Identifying Areas of Vulnerable Hydrogeology under RCRA; Appendix B: Groundwater Flow Net/Flow Line Construction and Analysis**

Describes methods used to characterize hydraulic conductivity, determination of effective porosity, and determination of hydraulic porosity. Considerations are given to well construction and development, data interpretation and test selection considerations, and single well tests.

(EPA/530-SW-86-022B)

07/15/86

Order Number: PB86-224 979/AS Order Form: NTIS

### **Criteria for Identifying Areas of Vulnerable Hydrogeology under RCRA; Appendix C: Technical Methods for Calculating Time of Travel in the Unsaturated Zone**

Describes methods for calculating ground-water time of travel in the unsaturated zone. Designed for hazardous waste facility permit applicants and writers in evaluating vulnerability of ground water contamination. Two general approaches are given. Includes review of general theory of ground water flow in the unsaturated zone and describes processes. Equations are presented.

(EPA/530-SW-86-022C)

07/15/86

Order Number: PB86-224 987/AS Order Form: NTIS

### **Criteria for Identifying Areas of Vulnerable Hydrogeology under RCRA; Appendix D: Development of Vulnerability Criteria Based on Risk Assessments and Theoretical Modeling**

Identifies locations where the potential of exposure to hazardous waste or waste constituents could be significant due to the absence of engineered containment barriers, monitoring, or response activities. Case studies are included that illustrate TOT 100 criteria and health-risk assessment for ground-water resource pathway.

(EPA/530-SW-86-022D)

07/15/86

Order Number: PB86-224 995/AS Order Form: NTIS

### **Criteria for Identifying Characteristics of Hazardous Waste (40 CFR 261.10); Criteria for Listing Hazardous Waste (40 CFR 261.11); Petitions to Amend Part 261 to Exclude a Waste Produced at a Particular Facility (40 CFR 260.22); Identification and Listing of Hazardous Waste under RCRA, Subtitle C, Section 3001**

Describes the basis and purpose used in establishing final criteria for identifying characteristics of hazardous waste, criteria for listing hazardous waste, and procedures for de-listing hazardous wastes.

04/01/80

Order Number: PB81-184 962 Order Form: NTIS

### **Criteria for Municipal Solid Waste Landfills: Case Studies on Groundwater and Surface Water Contamination from Municipal Solid Waste Landfills**

Describes basis for 40 CFR Part 258 Subtitle D. Presents information on ground water and surface water contamination from MSW landfill case studies. Identifies and describes human health and environmental impacts from landfills.

(EPA/530-SW-88-040)

07/15/88

Order Number: PB88-242 466 Order Form: NTIS

### **Criteria for Municipal Solid Waste Landfills: Closure and Postclosure Care and Financial Responsibility Requirements (Subpart C, Sections 258.30-258.32); Draft Background Document**

Discusses background information and provides detailed information on revised closure and postclosure care and financial responsibility requirements. Addresses performance standards, plans, and financial assurance criteria as well as mechanisms available to owners and operators of MSW landfills.

(EPA/530-SW-88-041)

07/15/88

Order Number: PB88-242 474 Order Form: NTIS



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### **Criteria for Municipal Solid Waste Landfills: Design Criteria (Subpart D); Draft Background Document**

Provides technical support for 40 CFR Part 258 and discusses background information leading to development of categorical rule option. Provides detailed information on revised design criteria. Discusses general development and various design options including: how a design standard was selected and considered, how location specific considerations are involved, and what methodologies are available for meeting design performance standards. Provides landfill designs that specifically address liners, leachate collection systems, and final covers.

(EPA/530-SW-88-042) 07/15/88

Order Number: PB88-242 482 Order Form: NTIS

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### **Criteria for Municipal Solid Waste Landfills: Groundwater Monitoring and Corrective Action (Subpart E)**

Provides detailed information on development and implementation of ground-water monitoring and corrective action requirements. Options for ground-water monitoring and corrective action programs discussed and EPA rationale is explained. When available, data are presented to support decisions.

(EPA/530-SW-88-043) 07/15/88

Order Number: PB88-242 490 Order Form: NTIS

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### **Criteria for Municipal Solid Waste Landfills: Location Restrictions (Subpart B); Draft Background Document**

Presents revision of 40 CFR Part 257 for facilities that may receive household hazardous waste or hazardous waste from small quantity generators. Includes the initial limitation to municipal solid waste landfills. Provides legislative and regulatory background and status. Addresses federal laws that impact design, operation, and location of MSWLFs. Contains detailed information on the development of standards addressing restricted locations.

(EPA/530-SW-88-036) 07/15/88

Order Number: PB88-242 425 Order Form: NTIS

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### **Criteria for Municipal Solid Waste Landfills: Operating Criteria (Subpart C); Draft Background Document**

Determines operating criteria for municipal solid waste landfills. Includes procedures for cover material, disease vectors, explosive gas, air criteria, access, excluding receipt of hazardous waste, run-on and run-off controls, surface water, liquids restrictions, and recordkeeping.

(EPA/530-SW-88-037) 07/15/88

Order Number: PB88-242 433 Order Form: NTIS

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### **Criteria for Municipal Solid Waste Landfills: Summary of Data on Municipal Solid Waste Landfill Leachate Characteristics**

Presents information on the character of leachate from MSWLFs. Based on study of existing leachate data as directed by 40 CFR Part 257 for facilities that may receive household hazardous waste and waste from small quantity generators.

(EPA/530-SW-88-038) 07/15/88

Order Number: PB88-242 441 Order Form: NTIS

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### **Criteria for Municipal Solid Waste Landfills: Updated Review of Selected Provisions of Solid Waste Regulations**

Provides analysis of the differences between proposed criteria and current state regulations that classify solid waste disposal facilities and practices. EPA is initially limiting criteria revisions to municipal solid waste landfills because they are the only facilities for which the Agency has complete and reliable data.

(EPA/530-SW-88-039) 07/15/88

Order Number: PB88-242 458 Order Form: NTIS

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### **Decision-Makers Guide to Solid Waste Management**

Presents problems and possible solutions for waste management issues to be addressed by policymakers. Introduces the concept of integrated waste management by providing an overview of major municipal waste management while also highlighting program options and listing criteria for evaluating alternatives. Sections include: collection and transfer, source reduction, recycling, composting, municipal waste combustion, land disposal, special wastes, public education, and financing and revenues.

11/15/89

Order Number: EPA/530-SW-89-072 Order Form: OSW



### **Decision-Makers Guide to Solid Waste Management (Promotional Brochure)**

Summarizes Decision-Makers Guide to Solid Waste Management. Includes mailer to order up to five free copies and sign up for the solid waste mailing list.

09/15/90

Order Number: EPA/530-SW-89-073 Order Form: OSW

### **Definitions and General Provisions under RCRA, Subtitle C; Definitions and Provisions for Confidentiality (40 CFR 260, Subparts A and B)**

Supports Agency definitions pertaining to terms describing activities subject to control under Section 3001 through 3004 of RCRA. General and special procedures are delineated, and rules of grammatical construction given. Summarizes status of 130 proposed definitions and 32 definitions that have been added to final rules.

04/15/80

Order Number: PB81-181 489 Order Form: NTIS

### **Degree of Hazard as an Approach to Defining and Managing Hazardous Wastes; Identification and Listing of Hazardous Waste under RCRA, Subtitle C, Section 3001**

Presents degree of hazard as approach to defining and managing hazardous wastes under authority of Subtitle C, RCRA of 1976. Premise rests on hazardous wastes defined and grouped according to degree of hazard. Provides summary of comments to proposed regulation and EPA's responses, including rationale for final regulations.

04/01/80

Order Number: PB81-188 161 Order Form: NTIS

### **Design and Development of a Hazardous Waste Reactivity Testing Protocol**

Contains test protocol to assess gross chemical composition of waste materials at uncontrolled hazardous waste sites. Includes field test kit, flow diagrams, and manual for using flow diagrams and test procedures. History of protocol's development and trial is noted.

(EPA/600/2-84-057) 02/01/84

Order Number: PB84-158 807 Order Form: NTIS

### **Design, Construction, and Evaluation of Clay Liners for Waste Management Facilities**

Compiles technical information on design, construction, and evaluation of clay liners for waste landfills, surface impoundments, and wastepiles. Discusses clays and their composition, fabric, and hydraulic conductivity. Other topics include geotechnical test methods and soil properties, clay chemical compatibility, construction and quality assurance, performance of existing clay liners, and clay liner transit time prediction methods.

(EPA/530-SW-86-007F)

11/15/88

Order Number: PB89-181-937 Order Form: NTIS

### **Directory of Commercial Hazardous Waste Management Facilities**

Lists commercial hazardous waste management facilities, along with information on types of commercial services offered and types of wastes managed. Does not constitute a list of approved facilities, but is representative of typical commercial services available at the time data were compiled. Appendices list which particular wastes are handled by specific facilities.

(EPA/530-SW-87-024)

08/15/87

Order Number: PB88-109 699 Order Form: NTIS

### **Directory of Mine Waste Characterization and Drainage Quality Contacts in Western Governors' Association Member States**

Lists contacts with access to information on metal mine waste characterization, metal mine drainage quality, and drainage quality prediction for each of the 21 Western Governors' Association member states.

(EPA/530-R-92-007)

09/01/91

Order Number: PB92-180 108 Order Form: NTIS

### **Disposal Tips for Home Health Care (Patient Flyer)**

Provides tips for preventing injury, illness, and pollution when disposing of sharp objects and contaminated materials used in administering home health care. Describes simple steps to safely dispose of needles, syringes, lancets, and other sharp objects.

01/15/90

Order Number: EPA/530-SW-90-014B Order Form: OSW



### **Disposal Tips for Home Health Care (Professional Brochure)**

Encourages health-care professionals to educate patients and clients on safely practicing home health care by disposing of "sharps" (lancets, needles, and syringes) in hard-plastic or metal containers with screw-on or tightly secured lids. Includes detachable order form for professional brochure and patient flyer.

01/15/90

Order Number: EPA/530-SW-90-014A Order Form: OSW

### **Documentation for Development of Toxicity and Volumes Scores for the Purpose of Scheduling Hazardous Waste**

Presents methodology used to schedule land disposal, waste streams listed in 40 CFR Part 26. Schedules are broken into three statutory time frames as required by Section 3004 of RCRA. Schedules are determined by toxic potential of constituents in each waste stream, with high volume, highly toxic wastes scheduled first, and low volume, less toxic wastes scheduled last. Ranking scheme incorporates measures of acute and chronic toxicity, and is applied to a range of chemicals with a wide variety of databases.

(EPA/530-SW-85-031)

03/15/85

Order Number: PB87-154-936/AS Order Form: NTIS

### **Does Your Business Produce Hazardous Waste? Many Small Businesses Do**

Assists small businesses with compliance with new hazardous waste laws. Helps determine whether a particular business produces hazardous waste. Describes procedure for handling and includes Uniform Hazardous Waste Manifest, EPA Form 8700-22. Lists EPA regional contacts and state and territorial hazardous waste management agencies for additional help.

04/15/90

Order Number: EPA/530-SW-90-027 Order Form: OSW

### **Chemical Manufacturers**

Includes industry categories: industrial inorganic chemicals, industry organic chemicals, pigments, plastics, pesticides, synthetic rubber, explosives, synthetic fibers, gum, and wood chemicals. Includes general description of waste types and waste minimization techniques in chemical manufacturing.

Order Number: EPA/530-SW-90-027H

### **Cleaning and Cosmetics**

Includes industry categories: soaps, detergents or specialty cleaners, polishing or sanitizing compounds, surfactants, finishing agents, and other assistants, perfumes, cosmetics, toilet preparations or sundries. Includes general description of types of industry waste and waste minimization techniques.

Order Number: EPA/530-SW-90-027G

### **Construction**

Includes industry categories: heavy construction, plumbing, heating, air conditioning; painting, paperhanging, decorating; mobile home construction, prefabricated wood buildings and components; masonry, stonework, tile work, plastering; carpentry, floorwork, concrete work, roofing; sheet metal work, glass and glazing work, wrecking and demolition. Includes general categories for wastes that might be generated during construction. Provides waste minimization techniques.

Order Number: EPA/530-SW-90-027J

### **Drycleaning and Laundry**

Lists establishments included as drycleaning and laundry plants. Lists hazardous wastes produced from these establishments and gives ways to reduce waste. Includes table of typical quantities of hazardous waste produced.

Order Number: EPA/530-SW-90-027B

### **Educational and Vocational Shops**

Provides information for educational and vocational institutions using ignitable solvents, strong acid alkaline solutions, heavy metals, or toxic organic chemicals that may produce hazardous waste. Tables give typical operations with materials used and hazardous wastes that might be generated, plus detailed waste descriptions.

Order Number: EPA/530-SW-90-027L

### **Equipment Repair**

Includes the following industry categories: radio and TV repair shops, refrigeration and air conditioning service and repair, miscellaneous equipment shops, pipelines (except natural gas), communications; power generation transmission, automatic merchandising machines, and amusement parks. Provides waste minimization techniques and lists types of wastes generated.

Order Number: EPA/530-SW-90-027D



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**Formulators**

Provides information for operators in the chemical formulating industry category who use solvents, pesticides, strong acids or bases, ignitable chemicals, reactive chemicals, and solutions or sludges containing metals or toxic organic chemicals, and might be subject to RCRA requirements. This eight-page document describes hazardous wastes and provides information on waste minimization. Detailed tables list waste type, as well as designations or trade names.

*Order Number: EPA/530-SW-90-027P*

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**Furniture/Wood Manufacturing and Refinishing**

Provides information for operators using solvents, flammable or combustible liquids, combustible solids, ignitable paints, or other materials containing toxic constituents that may be subject to RCRA requirements. Covers hazardous wastes from furniture and wood manufacturing and refinishing and waste minimization. Detailed tables of waste descriptions are included.

*Order Number: EPA/530-SW-90-027C*

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**Laboratories**

Provides information for labs using ignitable compounds, strong acid or alkaline solutions, solvents, heavy metals, or toxic organic constituents that might be subject to RCRA requirements. Lists wastes commonly generated and provides waste minimization ideas. Detailed tables give waste descriptions by type.

*Order Number: EPA/530-SW-90-027M*

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**Leather Products Manufacturing**

Provides information for manufacturers of leather products who are likely to produce spent solvent waste and wastes from use of lacquers, materials containing lead, dyes, or materials that produce hydrogen sulfide that are subject to RCRA requirements. Tables list materials used and hazardous wastes that might be generated. Detailed waste descriptions by type plus waste minimization ideas also are included.

*Order Number: EPA/530-SW-90-027R*

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**Metal Manufacturing**

Includes industry categories. Lists hazardous wastes, and provides waste minimization techniques.

*Order Number: EPA/530-SW-90-027N*

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**Motor Freight Terminals/Railroad Transport**

Describes hazardous wastes generated by motor freight terminals or railroad transportation. Outlines effective waste minimization programs that can be implemented. Descriptions of typical industry wastes are included.

*Order Number: EPA/530-SW-90-027K*

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**Paper Industry**

Describes hazardous wastes generated from pulp and paper mills and converting operations. Outlines effective waste minimization programs that can be implemented. Descriptions of typical industry wastes are listed.

*Order Number: EPA/530-SW-90-027O*

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**Pesticide End-Users/Application Services**

Provides information for disposers of pesticides or pesticide containers, elan pesticide application equipment, or contaminated soils who may be subject to RCRA hazardous waste requirements. Describes industry category, wastes generated, and options for waste minimization. Tables include materials used and hazardous wastes that might be generated, plus detailed descriptions by type of waste.

*Order Number: EPA/530-SW-90-027I*

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**Printing and Allied Industries**

Provides information for printers using solvents, strong acid or alkaline solutions, or ink containing toxic organic chemicals, or heavy metals that may be subject to RCRA requirements. Describes types of printing operations, wastes generated, and waste minimization. Includes tables of materials generated and detailed types of waste.

*Order Number: EPA/530-SW-90-027G*

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**Textile Manufacturing**

Includes the following industry segments: broad woven fabric mills and woolen mills (including dyeing and finishing), knitting mills and knit goods finishing, other dyeing and finishing textile mills, and floor covering mills (including dyeing and finishing). Includes lists of hazardous wastes generated and waste minimization techniques.

*Order Number: EPA/530-SW-90-027E*



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### **Uniform Hazardous Waste Manifest Instructions**

Includes standard form and instructions for Uniform Hazardous Waste Manifest. Federal law requires any facility that generates more than 100 kilograms of hazardous waste monthly to complete the manifest when shipping hazardous waste offsite. Reminds generators to contact state hazardous agency in case state manifests must be used.

Order Number: EPA/530-SW-90-027S

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### **Vehicle Maintenance**

Includes products used on tools, hands, or floor and might contain hazardous materials from the vehicle maintenance category. Hazardous wastes may come from rust removers, carburetor cleaners, parts cleaners and degreasers, paint thinners, motor oil and other petroleum products, as well as auto and truck batteries. Effective waste minimization ideas provided. Tables include typical vehicle maintenance operations and detailed descriptions of vehicle waste maintenance.

Order Number: EPA/530-SW-90-027A

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### **Wood Preserving**

Provides information on wood preservers that use arsenical compounds, pentachlorophenol, or creosote and are generally subject to RCRA requirements covering generation, transportation, and management of hazardous wastes. Covers industry overview, including hazardous wastes produced in two-step wood preservation process. Includes table with wood preserving operations for materials used and hazardous wastes generated.

Order Number: EPA/530-SW-90-027F

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### **Emissions Testing of a Precalciner Cement Kiln at Louisville, Nebraska**

Presents data gathered from a precalciner cement kiln to develop regulations for controlling emissions from cement kilns with products of incomplete combustion (PICs). Total hydrocarbons (HCs) and carbon monoxide levels are the emission parameters planned for use in regulation. Supports the issue of using parameters as surrogates for PICs.

(EPA/530-SW-91-016) 12/15/90

Order Number: PB91-130-195 Order Form: NTIS

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### **Emissions Testing of a Wet Cement Kiln at Hannibal, Missouri; Draft Final Report**

Presents data gathered from a wet cement kiln to develop regulations for controlling emissions from cement kilns with products of incomplete combustion (PICs). Total hydrocarbons (HCs) and carbon monoxide levels are emission parameters planned for use in regulation. More data are needed from a full-scale testing of wet cement kilns.

(EPA/530-SW-91-017) 12/15/90

Order Number: PB91-130-203 Order Form: NTIS

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### **Engineering Handbook for Hazardous Waste Incineration**

Documents hazardous waste incineration operations for federal, regional, and state EPA officials, as well as designers, owners, and operators of hazardous waste incineration facilities, and the general technical community. Compiles topical literature and describes current state-of-the-art technology for hazardous waste incineration.

(EPA/SW-889) 09/01/81

Order Number: PB81-248-163 Order Form: NTIS

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### **Environmental Fact Sheet: About the Municipal Solid Waste Stream...**

Provides general facts about municipal solid waste stream, including pie charts that break down the waste stream by product and material.

08/15/90

Order Number: EPA/530-SW-90-042B Order Form: OSW

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### **Environmental Fact Sheet: Administrative Stay of Wood Preserving Rule**

Discusses the administrative stay issued by EPA that extends the time wood preservers are allowed to construct or repair drip pads at facilities.

05/15/91

Order Number: EPA/530-SW-91-052 Order Form: OSW

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### **Environmental Fact Sheet: Agency Determines Final Regulatory Status of Special Wastes from Mineral Processing**

Discusses final regulatory status of special wastes from mineral processing, as determined under RCRA Subtitle C.

05/15/91

Order Number: EPA/530-SW-91-053 Order Form: OSW



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**Environmental Fact Sheet: Agency Releases Report to Congress on Special Wastes from Mineral Processing**

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Presents EPA Report to Congress regarding 20 mineral processing wastes generated by 91 facilities in 29 states. Report characterizes and presents finding for each waste and solicits comments on findings. Agency proposes to ban elemental phosphorus slag in construction and/or land reclamation because of radioactivity levels.

07/15/90

Order Number: EPA/530-SW-90-070A Order Form: OSW

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**Environmental Fact Sheet: Amendment to Requirements for Hazardous Waste Incinerator Permits**

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Explains EPA amendment to hazardous waste incinerator permit regulations, clarifying requirements that an existing hazardous waste incinerator must conduct a trial burn and submit trial burn data prior to permit assurance. Requirements provide for the maximum protection of human health and environment.

01/15/89

Order Number: EPA/530-SW-89-004 Order Form: OSW

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**Environmental Fact Sheet: Amendment to the Regulations for Burning Hazardous Waste in Boilers and Industrial Furnaces**

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Explains technical amendment to final boiler and industrial furnace rule. Clarifies the regulation (56 FR 7134) and corrects certain provisions that could result in unintended consequences. Each amendment is briefly described.

08/15/91

Order Number: EPA/530-SW-91-063 Order Form: OSW

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**Environmental Fact Sheet: America's War on Waste**

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Lists EPA documents that are published in accordance with goal to reduce and recycle 25 percent of waste generated by 1992. Summarizes EPA's activities.

10/15/89

Order Number: EPA/530-SW-90-002 Order Form: OSW

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**Environmental Fact Sheet: Application of Land Disposal Restrictions to CERCLA Remedial Actions**

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Looks for alternative interpretations for land disposal that may allow more flexibility in selecting protective and cost-effective remedies and may be tailored to site-specific conditions.

10/15/89

Order Number: EPA/530-SW-90-003 Order Form: OSW

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**Environmental Fact Sheet: Capacity Assurance Planning and the 1991 Biennial Report**

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Describes EPA's decision to use Biennial Reports for primary data collection in conducting state capacity assurance analyses. Includes a list of waste information requested from previous years, as well as new data elements.

11/15/91

Order Number: EPA/530-SW-91-082 Order Form: OSW

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**Environmental Fact Sheet: Changes to Interim Status Facilities; Modifications to Hazardous Waste Permits; Procedures for Postclosure Permitting**

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Announces final rule modification for three portions of RCRA regulations that unnecessarily restrict interim status and permitted facilities from making changes in operations. Increases the flexibility of interim status facilities to make changes without obtaining RCRA permit. The rule also expedites closure and correction activities.

03/15/89

Order Number: EPA/530-SW-89-028 Order Form: OSW

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**Environmental Fact Sheet: Clarification on the Timing for Retrofitting Surface Impoundments under the Land Disposal Restrictions Rule**

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Announces the proposed resolution of conflicting provisions of Sections 3004(h)(4) and 3005(j)(6). The resolution allows interim status surface impoundments that are brought into the Subtitle C regulatory system to have four years to retrofit to meet the minimum technology requirements of Section 3004(o).

01/15/92

Order Number: EPA/530-F-92-001 Order Form: OSW



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### **Environmental Fact Sheet: Coke Ovens Temporarily Exempted from BIF Rule Provisions**

Announces administrative stay on permitting standards for boilers and industrial furnaces as applied to 34 coke ovens that recycle hazardous wastes.

08/15/91

Order Number: EPA/530-SW-91-064 Order Form: OSW

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### **Environmental Fact Sheet: Coke Wastes Proposed as Hazardous**

Announces EPA's proposal to list seven wastes from the coke by-products industry as hazardous. Requests public comment on the proposed rule.

07/15/91

Order Number: EPA/530-SW-90-083 Order Form: OSW

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### **Environmental Fact Sheet: Delay of Closure Period for Hazardous Waste Facilities**

Amends requirements so permitted and interim-status landfills, surface impoundments, and land treatment units may now be eligible to delay closure to receive nonhazardous wastes after final receipt of hazardous waste.

08/15/89

Order Number: EPA/530-SW-89-007 Order Form: OSW

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### **Environmental Fact Sheet: Delisting Regulation Amendment**

Proposes that the existing language in 40 CFR Section 260.22(b) be deleted and substituted with language to clarify additional factors regarding the mixture of solid and hazardous wastes considered in a delisting evaluation.

06/15/89

Order Number: EPA/530-SW-89-052 Order Form: OSW

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### **Environmental Fact Sheet: Effective Date for Hazardous Debris Treatment Standards Extended One Year**

Extends the effective treatment date for most debris contaminated with hazardous waste to May 8, 1993. This extension is in response to the lack of treatment capacity for hazardous waste expressed by commenters to the January 9, 1992, Proposed Rule on Land Disposal Restrictions for Newly Listed Wastes and Contaminated Debris.

05/15/92

Order Number: EPA/530-F-92-009 Order Form: OSW

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### **Environmental Fact Sheet: Entry into Force of the Basel Convention**

Describes the 1992 Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal, the first major international agreement addressing imports and exports of hazardous wastes, household wastes, and household waste combustion ash. Currently, 20 countries have ratified the Basel Convention.

04/15/92

Order Number: EPA/530-F-92-007 Order Form: OSW

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### **Environmental Fact Sheet: EPA Monitoring Well Amends Requirements for Interim-Status Hazardous Waste Facilities**

Amends standards applicable to owners and operators of interim-status hazardous waste facilities. Owners and operators of facilities may use an acceptable alternate location when physical obstacles prevent the placement of monitoring wells at a specified location.

01/15/92

Order Number: EPA/530-SW-91-087 Order Form: OSW

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### **Environmental Fact Sheet: EPA Amends Primary Petroleum Sludge Listing**

Clarifies Primary Petroleum Sludge Listing of 1990. Excludes non-contract, one-through cooling waters and floats emanating from F038 units as a result of biological treatment. EPA has requested additional data to determine whether wastes may justify a new listing.

05/15/91

Order Number: EPA/530-SW-91-048 Order Form: OSW



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**Environmental Fact Sheet: EPA Guideline for Purchasing Building Insulation Containing Recovered Materials**

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Recommends that procuring agencies use minimum content standards for the amount of recovered materials in insulation products. EPA standards table is included.

06/15/91

Order Number: EPA/530-SW-91-044 Order Form: OSW

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**Environmental Fact Sheet: EPA Guideline for Purchasing Cement and Concrete Containing Fly Ash**

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Recommends that coal fly ash is not to exceed a maximum ratio of water to cementitious material  $[w/c+f]$ , where w, c, and f represent weights of water, portland cement, and fly ash, respectively.

01/15/92

Order Number: EPA/530-SW-91-086 Order Form: OSW

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**Environmental Fact Sheet: EPA Guideline for Purchasing Paper and Paper Products**

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Recommends that procuring agencies review paper specifications to remove subtle barriers for purchasing paper containing recovered materials. Minimum standards tables are included.

06/15/91

Order Number: EPA/530-SW-91-046 Order Form: OSW

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**Environmental Fact Sheet: EPA Guideline for Purchasing Re-Refined Lubricating Oil**

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Recommends that procuring agents not require lubricating oils containing re-refined oil meet any performance standard higher than that required of virgin lubricating oil. Includes American Petroleum Institute (API) and military specifications.

06/15/91

Order Number: EPA/530-SW-91-043 Order Form: OSW

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**Environmental Fact Sheet: EPA Guideline for Purchasing Retread Tires**

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Refers to EPA's issued guideline for purchasing retread tires from Nov. 17, 1988. Covers recommended retread preference, obtaining retreading services, purchasing retread tires, federal regulation of retread tires, and principal federal procuring agencies.

06/15/91

Order Number: EPA/530-SW-91-045 Order Form: OSW

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**Environmental Fact Sheet: EPA Issues Interim Final Regulations on the "Mixture" and "Derived-from" Rules**

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Announces reinstatement of "mixture" and "derived-from" rules governing the management of hazardous waste on an interim basis. Also opens public comment on this issue.

02/15/92

Order Number: EPA/530-F-92-002 Order Form: OSW

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**Environmental Fact Sheet: EPA Proposes Modifications to the Definition of Wastewater Treatment Unit**

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Proposes the exclusion of devices with thermal treatment processes as wastewater treatment units, except for sludge dryers. Maintains EPA's long-standing policy that thermal treatment units must be individually permitted under RCRA. Public comment is requested.

07/15/90

Order Number: EPA/530-SW-90-030 Order Form: OSW

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**Environmental Fact Sheet: EPA Proposes Revised Hazardous Waste Identification Rule**

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Proposes an amendment to define hazardous waste by either establishing concentration-based exemption levels for some hazardous constituents found in certain wastes, or by expanding the number of hazardous constituents in the Toxicity Characteristic rule.

05/15/92

Order Number: EPA/530-F-92-008 Order Form: OSW



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### **Environmental Fact Sheet: EPA Releases Final Rule on Liners and Leak Detection Systems**

Summarizes new requirements mandated by HSWA. Requirements institute minimum standards for double liners, leachate collection and removal systems, leak detection systems, and construction quality assurance programs at hazardous waste surface impoundments, landfills, and waste piles.

01/15/92

Order Number: EPA/530-SW-91-088 Order Form: OSW

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### **Environmental Fact Sheet: EPA to Develop Guidance on the Use of the Terms "Recycled" and "Recyclable" in Product Labeling and Advertising**

Provides help on specific environmental marketing terms to educate consumers and advise marketers. The terms addressed are related to recycling solid waste materials. The aim is to increase the use of recycled materials.

10/15/91

Order Number: EPA/530-SW-91-072 Order Form: OSW

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### **Environmental Fact Sheet: EPA's Final Conditional No-Migration Determination for DOE's Waste Isolation Pilot Plant (WIPP)**

Allows DOE to place limited amounts of waste in WIPP repository for testing and experimentation.

11/15/90

Order Number: EPA/530-SW-91-026 Order Form: OSW

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### **Environmental Fact Sheet: Final Cover Requirements for Municipal Solid Waste Landfills**

Announces cover requirements for municipal solid waste landfills receiving waste after October 9, 1993. Also notifies landfills that stop receiving waste between October 9, 1991, and October 9, 1993, to comply with the federal requirements for the final cover, as explained in Section 258.60(a).

03/15/92

Order Number: EPA/530-SW-91-084 Order Form: OSW

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### **Environmental Fact Sheet: Final Rule for Third Third Scheduled Wastes Completes Statutory Requirements for Land Disposal Restrictions**

Explains fifth in series of five Land Disposal Restrictions (LDR) rulemakings. Establishes treatment standards and effective dates for Third Third wastes, including characteristic wastes and soft hammer wastes from First and Second Third lists. Treatment standards apply to hazardous wastes that are land disposed, including those injected into deep wells.

05/08/90

Order Number: EPA/530-SW-90-046 Order Form: OSW

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### **Environmental Fact Sheet: Final Rule to Eliminate Mineral Processing Wastes from the Bevill Amendment**

Promulgates high-volume and low-hazard criteria for determining which mineral processing wastes keep exempt status under Bevill exclusion. Defines processing wastes as opposed to beneficiation wastes, which are subject to regulation as a solid waste under Subtitle D.

08/15/89

Order Number: EPA/530-SW-89-062 Order Form: OSW

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### **Environmental Fact Sheet: Final Rule to Identify the Status of Twenty Mineral Processing Wastes Conditionally Retained within the Bevill Amendment**

Identifies the 5 wastes removed from exclusion and the 15 wastes remaining within exclusion. Wastes no longer covered by Bevill exclusion will be evaluated for hazardous characteristics. Wastes exhibiting one or more characteristics of hazardous waste must be managed according to RCRA Subtitle C requirements.

01/15/90

Order Number: EPA/530-SW-90-013 Order Form: OSW



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**Environmental Fact Sheet: Hazardous Waste Boilers and Industrial Furnaces Now under Strict RCRA Regulations**

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Explains rulemaking in order to reduce and control toxic pollutants from industrial furnaces and boilers that are burning two million tons of hazardous waste a year. Applicable facilities must obtain operating permits or stop burning waste. This rulemaking brings all facilities burning hazardous wastes for energy recovery or treatment under full regulation for first time.

12/15/90

Order Number: EPA/530-SW-91-014 Order Form: OSW

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**Environmental Fact Sheet: Hazardous Waste Management System; Final Codification Rule Correction**

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Describes the corrective notice that makes current regulatory language of 40 CFR 264.301 consistent with June 23, 1987 U.S. Court of Appeals decision.

04/15/90

Order Number: EPA/530-SW-90-026 Order Form: OSW

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**Environmental Fact Sheet: Interim Final Rule Suspending Application of the Toxicity Characteristic for Used Chlorofluorocarbon Refrigerants Being Reclaimed**

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Discusses interim final rule suspending the application of toxicity characteristics for reclaiming used chlorofluorocarbon refrigerants. Recycling used refrigerants is gaining acceptance. Venting certain chemicals, including refrigerants, will be prohibited effective July 1, 1992.

02/15/91

Order Number: EPA/530-SW-91-028 Order Form: OSW

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**Environmental Fact Sheet: Land Disposal Restrictions - Second Third (Final)**

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Discusses EPA's final approach to implementing land disposal restrictions of Second Third hazardous wastes. Rule establishes treatment standards based on performance of Best Demonstrated Technology (BDAT), and specifies when standards will be effective.

06/15/89

Order Number: EPA/530-SW-89-046 Order Form: OSW

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**Environmental Fact Sheet: Listing of Wastes from Primary Treatment of Oily Wastewaters**

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Reports on published list, from May 19, 1980, for hazardous wastes, including five wastes generated from petroleum refining. Under subsequent rulemaking, all oil/water/solid separator sludges and/or floats in primary treatment of oil wastewater from petroleum refining would be regulated under RCRA and Superfund as listed hazardous wastes.

11/15/90

Order Number: EPA/530-SW-90-043 Order Form: OSW

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**Environmental Fact Sheet: Milestone! Fifth Rulemaking Finalizes Land Disposal Restrictions**

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Completes six-year program. Treatment standards established for wastes listed or identified before Nov. 8, 1984. Hazardous waste management facilities must test treated waste to verify that it meets standard. Land disposal facilities must ensure that all waste disposal complies with land disposal restrictions.

05/08/90

Order Number: EPA/530-SW-90-048 Order Form: OSW

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**Environmental Fact Sheet: Modifications Proposed for Wood Preserving Wastes**

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Issues notice of proposed EPA rulemaking that would modify several aspects of a rule that regulated wastes from the wood preserving industry under RCRA. EPA requests comments on proposed modifications.

11/15/91

Order Number: EPA/530-SW-91-074 Order Form: OSW

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**Environmental Fact Sheet: Municipal Landfill Regulations Mean Safer Disposal of Solid Waste**

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Establishes comprehensive, protective standards for managing the nation's solid waste burden. Specifies location provisions and design, operating, and closure requirements for landfills. Rule offers incentives for increasing source reduction and recycling nationwide.

09/15/91

Order Number: EPA/530-SW-91-066 Order Form: OSW



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### **Environmental Fact Sheet: New Treatment Standards Finalized for K061 High Zinc Subcategory Wastes**

Finalizes concentration-based treatment standards for K061 nonwastewaters in the high zinc subcategory. Finalizes generic exclusion from hazardous waste regulations for slag resulting from high temperature metal recovery processes. Conditional exclusion from solid waste classification is being granted for certain partially reclaimed material.

08/15/91

Order Number: EPA/530-SW-91-055 Order Form: OSW

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### **Environmental Fact Sheet: Nineteen Eighty-Five National Biennial Report on Hazardous Waste Generators and Treatment, Storage, and Disposal Facilities**

Introduces a two-volume 1985 Biennial Report that summarizes nationwide data on hazardous waste generation and management activities regulated by RCRA.

03/15/89

Order Number: EPA/530-SW-89-033C Order Form: OSW

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### **Environmental Fact Sheet: No Hazardous Waste Listing for Used Oil That Is Being Disposed**

Announces the determination that it is unnecessary to list used oil being disposed of as hazardous waste. This rule finalizes the September 1991 Supplemental Proposal to re-evaluate the 1986 decision not to list used oil as hazardous waste.

05/15/92

EPA/530-F-92-006 Order Form: OSW

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### **Environmental Fact Sheet: No Land Disposal Standards Amendment**

Reschedules land ban restrictions for nonwastewater forms of wastes disposed of before August 17, 1998 or generated in the course of treating wastewater forms of listed wastes. EPA postpones effective date for land ban standards until May 8, 1990. Rescheduling is intended to correct earlier erroneous premises.

05/01/89

Order Number: EPA/530-SW-89-044 Order Form: OSW

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### **Environmental Fact Sheet: Notification of Groundwater Monitoring Policy for Delisting Petitions**

Clarifies the authority of EPA to require and evaluate groundwater data for de-listing purposes. Requirement will apply only if units containing petitioned waste are required under current regulations to have a groundwater monitoring system.

10/15/89

Order Number: EPA/530-SW-89-064 Order Form: OSW

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### **Environmental Fact Sheet: Plastics: The Facts About Production, Use, and Disposal**

Presents EPA's Report to Congress on methods to manage and control plastic wastes. Discusses major types of plastics and its uses. Looks at where plastics go and resulting disposal problems. EPA believes source reduction and recycling will provide the most significant results in reducing the impact of plastics in the environment.

02/15/90

Order Number: EPA/530-SW-90-017A Order Form: OSW

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### **Environmental Fact Sheet: Plastics: The Facts on Source Reduction**

Presents EPA's Report to Congress on methods to manage and control plastic wastes. Outlines EPA's belief that source reduction is the best method for reducing environmental impacts from wastes, by decreasing the amount or toxicity of materials that are thrown away.

02/15/90

Order Number: EPA/530-SW-90-017C Order Form: OSW

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### **Environmental Fact Sheet: Proposal Will List Wastes Generated during the Manufacture of Chlorinated Toluenes as Hazardous**

Proposes rulemaking to list three waste streams generated from production of chlorinated toluenes (K149, K150, K151) as hazardous wastes. The proposal sets the reportable quantity at 10 pounds.

09/15/91

Order Number: EPA/530-SW-91-033 Order Form: OSW



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**Environmental Fact Sheet: Proposed Revisions to the Subtitle C Financial Responsibility Requirements**

Proposes revisions to financial responsibility requirements for closure and postclosure care, and for third-party liability coverage under Subtitle C of RCRA. Provides mechanisms that owners and operators of hazardous waste management facilities must use to demonstrate that sufficient funds are available to pay for hazardous waste management operations.

06/15/91

Order Number: EPA/530-SW-91-007 Order Form: OSW

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**Environmental Fact Sheet: Proposed Rulemaking on Corrective Action for Solid Waste Management Units at Hazardous Waste Management Facilities**

Establishes a comprehensive set of procedural and technical standards for investigation and cleanup of facilities that receive permits for managing hazardous wastes under RCRA. Provides framework for making cleanup decisions that are consistent with regulations. Provides impetus for increased state role in environmental cleanup.

07/15/90

Order Number: EPA/530-SW-90-067 Order Form: OSW

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**Environmental Fact Sheet: Report Analyzes Municipal Waste Combustion Ash, Ash Extracts, and Leachates**

Characterizes MWC ash, laboratory extracts of MWC ash, and leachates from ash disposal facilities. Combined bottom and fly ash samples from five state-of-the-art mass burn municipal waste combustion facilities were collected. Results indicated low concentrations of PCDDs/PDDFs and Appendix IX semivolatile compounds. Levels for lead and cadmium were frequently exceeded. One extract exceeded mercury level, but no extract from other extraction procedures exceeded regulatory levels.

03/15/90

Order Number: EPA/530-SW-90-029C Order Form: OSW

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**Environmental Fact Sheet: Small Communities and the Municipal Landfill Regulations**

Establishes comprehensive, protective standards for the disposal of municipal solid waste at approximately 6,000 landfills. An effort was made to reduce impacts of regulations on small communities.

09/15/91

Order Number: EPA/530-SW-91-067 Order Form: OSW

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**Environmental Fact Sheet: SWITCH: EPA's National Solid Waste Information Clearinghouse**

Describes basic functions of Solid Waste Information Clearinghouse (SWICH), whose mission is to serve as a central source for municipal solid waste information. Includes information on SWITCH library system and access to Electronic Bulletin Board.

01/15/91

Order Number: EPA/530-SW-91-025 Order Form: OSW

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**Environmental Fact Sheet: The Facts About Plastics in the Marine Environment**

Presents EPA's Report to Congress on methods to manage and control plastic wastes. Identifies plastics found in the marine environment and their sources. Includes problems caused by plastic wastes. Major impacts are entanglement and ingestion by marine animals and aesthetic and economic losses caused by lost fishing gear and by litter on beaches.

02/15/90

Order Number: EPA/530-SW-90-017B Order Form: OSW

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**Environmental Fact Sheet: The Facts on Degradable Plastics**

Explains EPA's Report to Congress on methods to manage and control plastic wastes. Degradable plastics are engineered by photodegradation and biodegradation. Discusses how degradable plastics fit into solid waste solutions of reducing waste, landfilling, recycling, and incineration.

02/15/90

Order Number: EPA/530-SW-90-017D Order Form: OSW



### **Environmental Fact Sheet: The Facts on Recycling Plastics**

Explains EPA's Report to Congress on methods to manage and control plastic wastes. Plastics used in consumer products are technically recyclable, but collection, separation, and cleaning of products have proven to be difficult and sometimes expensive. Less than one percent of plastics currently are being recycled.

02/15/90

Order Number: EPA/530-SW-90-017E Order Form: OSW

### **Environmental Fact Sheet: Tighter Controls Proposed for Hazardous Waste Incinerators**

Proposes to amend regulations governing incinerators that burn hazardous waste. Proposal designed to reduce and control toxic pollutants such as metals and organic emissions and to ensure uniform regulations of all devices burning hazardous waste. Rule broadens definition of industrial furnace to include nonflame combustion devices. Clarifies or revises regulatory status of carbon regeneration units, sludge dryers, and plasma arc and infrared incinerators.

03/15/90

Order Number: EPA/530-SW-90-015 Order Form: OSW

### **Environmental Fact Sheet: Toxicity Characteristic Rule Finalized**

Discusses final Toxicity Characteristic rule that adds 25 organic chemicals to the existing list of eight metals and six pesticides regulated under RCRA. Establishes regulatory levels for new organic chemicals listed. Replaces Extraction Procedure Leach Test with Toxicity Characteristic Leaching Procedure.

03/15/90

Order Number: EPA/530-SW-89-045 Order Form: OSW

### **Environmental Fact Sheet: Treatment Standards Proposed for 20 Newly Listed Hazardous Wastes and Contaminated Debris**

Proposes land disposal restriction (LDR) rules for 20 newly listed hazardous wastes. Wastes include recent petroleum refining wastes (F037 and F038), wastes from unsymmetrical dimethylhydrazine (K107-K110), wastes from dinitrotoluene and toluenediamine (K111 and K112), wastes from ethylene dibromide (K117, K118, and K136), wastes from ethylenebis-dithiocarbamic acid (K123-K126), wastes from methyl bromide (K131 and K132), and additional organic U wastes (U328, U353, and U359). Public comment requested.

11/15/91

Order Number: EPA/530-SW-91-081 Order Form: OSW

### **Environmental Fact Sheet: Waste Export and Import Act of 1991**

Proposes legislation to implement requirements of Basel Convention, the first major international agreement addressing the import and export of hazardous and other wastes.

05/15/91

Order Number: EPA/530-SW-91-050 Order Form: OSW

### **Environmental Fact Sheet: Wood Preserving Wastes Listed as Hazardous**

Presents three wastes generated by wood preserving industry (F032, F034, F035) that have been added to EPA's lists of hazardous wastes requiring regulation. Finalizes portion of December 1988 proposed rule. Management standards for drip pads included.

11/15/90

Order Number: EPA/530-SW-91-008 Order Form: OSW

### **Environmental Fact Sheet: Yard Waste Composting**

Presents EPA recommendation for composting yard wastes instead of putting them in landfills. Provides how-to information.

01/15/91

Order Number: EPA/530-SW-91-009 Order Form: OSW



### **EP Toxicity Characteristic (40 CFR 261.24); Identification and Listing of Hazardous Waste under RCRA, Subtitle C, Section 3001**

Describes process by which EPA identified and defined Extraction Procedure Toxicity Characteristic. Presents rationale, assumptions, models, and scientific studies employed in defining extraction procedure toxicity. Discusses comments received on proposed characteristics and changes made in response to comments.

05/01/80

Order Number: PB81-185 027

Order Form: NTIS

### **EPA Activities under RCRA of 1976 - Annual Report to the President and Congress, Fiscal Year 1977**

Describes activities of EPA during FY 1977 in carrying out mandates and authorizations of RCRA. Covers activities related to state and local program development, land disposal provisions, hazardous waste regulation, resource recovery and waste reduction, and public participation and information. Summaries from EPA Regional offices compiled to indicate activities throughout country. Lists reports and publications issued during year.

(EPA/SW-663)

02/01/78

Order Number: PB88-197 603

Order Form: NTIS

### **EPA Activities under RCRA - Annual Report to the President and Congress, Fiscal Year 1978**

Describes activities of EPA during fiscal year 1978 in carrying out mandates and authorizations of RCRA. Covers activities planned for 1979 and activities related to state and local program development, land disposal provisions, and public participation and education. Summaries from EPA Regional offices compiled to indicate activities throughout country. Lists reports and publications issued during year.

03/15/79

Order Number: EPA/SW-755

Order Form: OSW

### **EPA Guide for Infectious Waste Management**

Provides guidance on management of infectious waste. Documents EPA perspective on acceptable infectious waste management practices. Topics include a definition of infectious waste and recommended practices for packaging, treatment, storage, transportation, and disposal of wastes. Contains updated summary of state requirements and regulations.

(EPA/530-SW-86-014)

05/15/86

Order Number: PB86-199 130

Order Form: NTIS

### **Equivalency of State Financial Responsibility Mechanisms**

Describes criteria of equivalence to federal requirements for states seeking authorization to administer hazardous waste programs. States not seeking such authorization may enact financial responsibility requirements applicable to owners and operators of hazardous waste management facilities. Covers criteria for equivalence determinations, trust funds, surety bonds, letters of credit, and closure or postclosure insurance.

09/01/82

Order Number: PB87-157 475

Order Form: NTIS

### **Evaluating Cover Systems for Solid and Hazardous Waste**

Describes 39 steps to evaluate plans pertinent to sequence of designing, constructing, and maintaining effective cover over solid and hazardous waste. Evaluations consider soils, site conditions, details of cover design, and postclosure maintenance and contingencies.

(EPA/SW-867)

09/15/82

Order Number: PB87-154 894

Order Form: NTIS

### **Evaluation Guidelines for Toxic Air Emissions from Land Disposal Facilities**

Provides technical guidance to evaluate the potential emissions of volatile hazardous chemicals into the atmosphere from land disposal facilities such as surface impoundments, seepage facilities, landfills, and land treatment facilities. This method predicts impact on ambient air quality by estimating the emission rates of toxic components from disposal facilities.

08/01/81

Order Number: PB87-157 418/AS

Order Form: NTIS



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### **Fate and Transport of Hazardous Constituents; Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001**

Presents two sections. The first section is a compilation of physical and chemical properties of 195 hazardous constituents. The second section estimates the migratory potential or persistence of constituents of concern, based on model in which waste is disposed of in an unconfined landfill and/or lagoons.

05/01/80

Order Number: PB81-190-027      Order Form: NTIS

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### **Final Draft Guidance for Subpart G of the Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities**

Assists regional offices in implementing closure and postclosure plans. Identifies major issues that affect closure requirements, with clarification of definitions. Focuses on six specific types of closing: tanks, surface impoundments, land treatment facilities, landfills, incinerators, and multiple process facilities.

11/15/81

Order Number: PB87-193-397      Order Form: NTIS

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### **Final Interim Status Standards for Surface Impoundments (40 CFR 265.220); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004**

Describes purpose, legislative authority for regulations, and key definitions used in the development of standards. Discusses the need for regulation from public health and environmental standpoints. Provides a synopsis of proposed regulations. Includes analysis of issues, including proposed regulations and rationale, comments received, Agency's response and final regulatory language. References and appendices included.

04/15/80

Order Number: PB81-185-001      Order Form: NTIS

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### **Financial Assurance for Closure and Postclosure Care; Requirements for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; A Guidance Manual**

Communicates information to ensure that adequate financial responsibility is provided for proper closure and postclosure care of hazardous waste facilities. Introduction provides a general background for understanding financial requirements and manual organization. An overview of requirements is included in Chapter II. Subsequent chapters deal with trust funds, surety bonds, letters of credit, insurance, financial test and corporate guarantee, state-required mechanisms, and assumption of responsibility.

(EPA/SW-955)

05/15/82

Order Number: PB82-237-595      Order Form: NTIS

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### **Financial Requirements (40 CFR 264 and 265, Subpart H); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004**

Presents standards developed by EPA for financial requirements for owners and operators of hazardous waste facilities as part of Interim Status Standards Subpart H, Financial Requirements. Only covers portions of Subpart H that were promulgated on May 19, 1980, and technical amendments to regulations.

01/15/81

Order Number: PB81-189-326      Order Form: NTIS

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### **Financial Requirements; Interim Status Standards (40 CFR 265, Subpart H); Final Draft Guidance**

Assists regional offices in implementing sections of interim status regulations relevant to closure and postclosure cost estimates. Section should be read in conjunction with guidance for closure and postclosure plans. Document emphasizes interim status.

(EPA/SW-913)

01/15/84

Order Number: PB88-197-595      Order Form: NTIS



### **First Report to Congress: Resource Recovery and Source Reduction**

Pertains to investigation and study of problems of resource recovery. Organized into four major sections and two appendices.

(EPA/SW-352)

01/15/74

Order Number: PB255 139/8

Order Form: NTIS

### **40 CFR Parts 190-259**

Codifies the general and permanent rules published in the *Federal Register* by the Environmental Protection Agency pertaining to the Resource Conservation and Recovery Act (RCRA).

07/01/91

Order Number: 869-013-00146-0

Order Form: GPO

### **40 CFR Parts 260-299**

Codifies the general and permanent rules published in the *Federal Register* by the Environmental Protection Agency pertaining to the Resource Conservation and Recovery Act (RCRA).

07/01/91

Order Number: 869-013-00147-8

Order Form: GPO

### **Fourth Report to Congress: Resource Recovery and Waste Reduction**

Reviews current status of resource recovery and waste reduction programs. Presents new findings on resource recovery and waste reduction from EPA studies, investigations, and technology demonstration projects. Includes bibliography of relevant EPA publications.

(EPA/SW-600)

08/01/77

Order Number: PB88-197 579

Order Form: NTIS

### **General and Interim Status Standards for Tanks (40 CFR 264 and 265, Subpart J); Interim Status Standards for Chemical, Physical, and Biological Treatment (40 CFR 265, Subpart Q); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004**

Provides Agency support and rationale for regulating hazardous waste in tanks and in chemical, physical and biological treatment facilities. Contains definitions, damage incidents, and description of precedents set for regulation. Describes proposed regulation and summarizes comments and Agency's response to comments and rationale for final regulation. Proposes two new requirements concerning comprehensive inspection of tanks and control of air emissions.

12/15/80

Order Number: PB81-190 050

Order Form: NTIS

### **General Facility Standards for Location of Facilities (40 CFR 264, Subpart B, Section 264.18); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004**

Provides background and support for EPA's general location standards, from which permits are granted. Explains background and basis for regulations.

12/15/80

Order Number: PB81-189 755

Order Form: NTIS

### **General Issues Concerning Interim Status Standards (40 CFR 265); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004**

Addresses general issues regarding interim standards at hazardous waste management facilities. Standards allow prompt implementation of the initial phase of the RCRA hazardous waste control.

04/15/80

Order Number: PB81-181 414

Order Form: NTIS



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**General Waste Analysis (40 CFR 264.13); Interim Status Standards for General Waste Analysis (40 CFR 265.13); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004**

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Provides Agency support for imposing general waste analysis standards at hazardous waste management facilities. Addresses Congressional authority for regulation. Provides examples of damage incidents, and describes precedents for regulation set by state and/or other federal statutes. Summarizes and responds to comments received on proposed regulations, giving Agency's rationale for final regulations.

04/29/80

Order Number: PB81-181 406

Order Form: NTIS

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**Generic Quality Assurance Project Plan for Land Disposal Restrictions Program (BDAT)**

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Details EPA's BDAT program for collecting treatment data and setting forth specific quality assurance and quality control parameters.

(EPA/530-SW-87-011)

03/15/87

Order Number: PB88-170 766

Order Form: NTIS

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**Groundwater Monitoring (40 CFR 265, Subpart F); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004**

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Provides Agency support for setting ground-water monitoring standards at hazardous waste management facilities. Facilities must monitor movement of ground water to detect contaminants as early as possible. Specifies monitoring requirements.

05/20/80

Order Number: PB81-189 797

Order Form: NTIS

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**Groundwater Monitoring Guidance for Owners and Operators of Interim Status Facilities**

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Assists owners and operators of hazardous waste management facilities required to meet ground-water monitoring standards. Discusses purpose of ground-water monitoring requirements and presents rationale behind policy. Commentary on regulations includes methods for updating and revising ongoing programs.

(EPA/SW-963)

03/15/83

Order Number: PB83-209 445

Order Form: NTIS

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**Guidance Document for Subpart F: Air Emission Monitoring; Land Disposal Toxic Air Emissions Evaluation Guideline**

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Presents procedures for assessing the impact of hazardous air emissions from disposal facilities on downwind population. Disposal areas include surface impoundments, seepage facilities, landfills, and land treatment facilities. Calculations presented for quick reference.

12/15/80

Order Number: PB87-155 578/AS

Order Form: NTIS

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**Guidance Document: Seismic Considerations in Hazardous Waste Management Facilities**

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Documents Agency support for regulations prohibiting hazardous waste management facilities from locating within 200 feet of a fault that has had displacement in Holocene time (approximately last 11,000 years). Addresses final ruling on surface fault displacement. Includes description of regulation and consequences of noncompliance. Appendices discuss earthquakes and faults, types of fault displacements, and holocene deposits.

12/29/80

Order Number: PB87-155 552/AS

Order Form: NTIS

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**Guidance for Facility Management Planning; Draft**

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Provides guidance developing multiyear strategies, the third step of the facility management planning process. Designed to encourage coordination among state and EPA enforcement officials and permitting entities.

07/01/85

Order Number: PB87-188 090

Order Form: NTIS



### **Guidance for Implementing the RCRA Dioxin Listing Rule**

Supplies states and EPA regions with guidance on implementing RCRA listing of CDFs. Gives consensus positions of various enforcement offices for major response issues of RCRA and CERCLA programs. Issues and proposed resolutions are summarized.

08/01/85

Order Number: PB87-202 040

Order Form: NTIS

### **Guidance for Permit Writers: Facilities Storing Hazardous Waste in Containers**

Provides permit writers systematic approach to evaluate permit applications from facilities that store hazardous waste in containers. Includes details about design, equipment, and specific procedures for evaluating data submitted by permit applicants. Contains topical bibliographies.

11/02/82

Order Number: PB88-105 689

Order Form: NTIS

### **Guidance for the Analysis of Refinery Wastes**

Provides companion document to SW-846. Describes and directs modifications applied to samples from petroleum-refining waste streams. Describes analytical constraints imposed by waste stream residual samples as contrasted to what can be described as environmental residual samples.

07/05/85

Order Number: PB87-154 910/AS

Order Form: NTIS

### **Guidance Manual for Cost Estimates for Closure and Postclosure Plans (Subparts G and H); Volume I: Treatment and Storage Facilities**

Provides framework for developing closure cost estimate for treatment and storage technologies. Intended for use by facility owners and operators who prepare closure and postclosure cost estimates and by state and EPA regional personnel who review cost estimates. Contains worksheets for estimating closure costs for container storage, treatment and storage tanks, and incineration.

(EPA/530-SW-87-009A)

11/15/86

Order Number: PB87-158 994/AS

Order Form: NTIS

### **Guidance Manual for Cost Estimates for Closure and Postclosure Plans (Subparts G and H); Volume II: Land Disposal Facilities**

Assists facility owners and operators and state and EPA regional personnel in developing closure and postclosure cost estimates for land disposal technologies. Contains worksheets for recording cost estimates for closure and postclosure plans. Contains worksheets for estimating all types of closure and postclosure costs and summary worksheets for totalling facility costs.

(EPA/530-SW-87-009B)

11/15/86

Order Number: PB87-159 000/AS

Order Form: NTIS

### **Guidance Manual for Cost Estimates for Closure and Postclosure Plans (Subparts G and H); Volume III: Unit Costs**

Contains information and guidance on unit cost ranges and typical unit costs. Explains how unit costs are applied in developing closure and postclosure cost estimates for land disposal technologies. Provides guidance to user in completing worksheets in Volumes I and II.

(EPA/530-SW-87-009C)

11/15/86

Order Number: PB87-159 018/AS

Order Form: NTIS

### **Guidance Manual for Cost Estimates for Closure and Postclosure Plans (Subparts G and H); Volume IV: Documentation**

Presents information on sources used for each unit cost in developing closure and postclosure cost estimates for land disposal technologies. Provides examples of all computations performed in developing unit cost and describes assumptions made in developing unit costs.

(EPA/530-SW-87-009D)

11/15/86

Order Number: PB87-159 026/AS

Order Form: NTIS

### **Guidance Manual for Hazardous Waste Incinerator Permits; Final Report**

Provides guidance for review and evaluation of permit application information submitted to document compliance with RCRA standards for incineration. Methods are suggested for designating facility-specific operation conditions necessary to ensure compliance with standards. Incineration regulations are addressed. Provides guidance for evaluating incinerator performance data and procedures used in incinerator trial burn.

(EPA/SW-966)

07/15/83

Order Number: PB86-100 577

Order Form: NTIS



### **Guidance Manual for Research, Development, and Demonstration Permits (40 CFR Section 270.65)**

Provides guidance to writers and research, development, and demonstration (RD&D) permit applicants in preparing applications and drafting conditions for RD&D permits. Includes answers to frequently asked questions about RD&D.

(EPA/530-SW-86-008) 07/15/86

Order Number: PB86-229 192/AS Order Form: NTIS

### **Guidance Manual for the Classification of Solid Waste Disposal Facilities**

Assists in the evaluation of solid waste disposal facilities for those who do not comply with "Criteria for Classification of Solid Waste Disposal Facilities and Practices." Provides technical guidance on setting priorities for inventory of open dumps and determining whether a particular facility violates criteria.

(EPA/SW-199C) 01/15/81

Order Number: PB81-218 505 Order Form: NTIS

### **Guidance Manual on Hazardous Waste Land Treatment Closure/Postclosure (40 CFR Part 265)**

Provides general guidance to owners and operators of hazardous waste land treatment units and permit writers on implementing part 265 closure regulations. Includes general information on hazardous waste land treatment and methods of closure. Addresses the objectives of closure and postclosure, and factors affecting them. Also includes methods for addressing closure and postclosure based on migration potential and management during closure and postclosure.

04/14/87

Order Number: PB87-183 695 Order Form: NTIS

### **Guidance Manual on the RCRA Regulation of Recycled Hazardous Wastes**

Provides guidance to state and EPA regional personnel who must determine which materials, when recycled, are solid and hazardous wastes. Guidance provided in form of examples illustrating applications of rule to actual recycling practices.

(EPA/530/SW-86-015) 03/15/86

Order Number: PB86-208 584/AS Order Form: NTIS

### **Guidance on Implementation of the Minimum Technological Requirements of HSWA of 1984, Respecting Liners and Leachate Collection Systems; Reauthorization Statutory Interpretation #5D**

Provides further interpretation of minimum technological requirements found in Section 3004(o) and 3015 as relating to liners and leachate collection systems.

(EPA/530-SW-85-012) 05/24/85

Order Number: PB87-163 242/AS Order Form: NTIS

### **Guidance on Issuing Permits to Facilities Required to Analyze Groundwater for Appendix VIII Constituents**

Presents EPA's latest views on analytical potential of each Appendix VIII constituent. Explains how permit writers may exercise discretion under existing regulations to expedite permit issuance where Appendix VIII analyses are required.

02/15/86

Order Number: PB87-188 082 Order Form: NTIS

### **Guidance on Public Involvement in the RCRA Permitting Program**

Assists EPA regional offices and state agencies in expanding public involvement in RCRA permitting. Suggested techniques include issuing public notices, holding meetings, responding to comments, and performing similar activities. Contains samples of materials for public distribution.

01/15/86

Order Number: EPA/OSWER9500.00-1A Order Form: OSW

### **Guidance on the Definition and Identification of Commercial Mixed Low-Level Radioactive and Hazardous Waste and Answers to Anticipated Questions**

Presents information developed jointly by Nuclear Regulatory Commission (NRC) and EPA to aid commercial Low-Level Radioactive Waste (LLW) generators in assessing whether they are currently generating mixed LLW.

10/04/89

Order Number: EPA/530-SW-90-016 Order Form: OSW



### **Guide for Preparing RCRA Permit Applications for Existing Facilities**

Provides technical instructions on preparing permit applications for owners and operators of storage and treatment facilities that have hazardous wastes in tanks, containers, or piles. Covers administrative procedures that EPA uses in RCRA permitting program. Includes completed RCRA permit application for a hypothetical storage facility.

01/15/82

Order Number: PB87-193 371 Order Form: NTIS

### **Guide to Energy from Municipal Waste for Small Communities**

Provides local officials with information needed to perform preliminary assessment of the feasibility of energy recovery with minimum cost and effort. Intended for communities of 30,000 to 200,000 inhabitants.

(EPA/SW-958) 10/01/82

Order Number: PB88-138 177 Order Form: NTIS

### **Guide to the Disposal of Chemically Stabilized and Solidified Waste**

Examines regulations, testing procedures, landfill designs, and other options for disposal systems using stabilization and solidification of wastes. Includes a summary of major suppliers of technology, plus a summary of each process used.

(EPA/SW-872) 09/15/82

Order Number: PB87-154 902/AS Order Form: NTIS

### **Handle with Care: How to Throw Out Used Insulin Syringes and Lancets at Home; A Booklet for Young People with Diabetes and Their Families**

Offers easy directions and illustrations on how to protect family members and waste handlers from injury, while keeping the environment clean and safe.

10/15/90

Order Number: EPA/530-SW-90-089 Order Form: OSW

### **Hazardous Waste from Discarding of Commercial Chemical Products and the Containers and Spill Residues Thereof (40 CFR 261.33); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001**

Provides basis for regulations concerning discarded commercial products. Defines division of commercial chemical products into two categories: those acutely hazardous and subject to stringent exclusion levels and those hazardous and regulated in the same manner as other hazardous wastes. Regulations concern commercial spill residues and debris and containers and inner liners that contain acutely hazardous chemicals.

(EPA/530-SW-89-005) 04/01/81

Order Number: PB89-126 460 Order Form: NTIS

### **Hazardous Waste Incineration Permitting Study**

Presents results of a study designed to evaluate incinerator permitting priorities. Study also determines permitting time-lines, identifies pertinent issues, and provides an accurate accounting system for hazardous waste incineration facilities.

08/15/86

Order Number: PB87-202 420 Order Form: NTIS

### **Hazardous Waste Incineration: Questions and Answers**

Provides answers to questions citizens may have about hazardous waste incineration. Discusses the regulatory program for hazardous waste incinerators, permits and the permitting process, and enforcement of permitting operations. Includes the general standards for facilities operating hazardous waste incinerators and potential risks of hazardous waste incineration.

04/15/88

Order Number: EPA/530-SW-88-018 Order Form: OSW

### **Hazardous Waste Land Treatment**

Provides state-of-the-art information on all aspects of hazardous waste land treatment (HWLT). Refers to people involved in design and design review, beginning with site selection and waste characterization and progressing through facility design, operation, and closure. Fate of both inorganic and organic compounds in a soil environment is included. Provides a basis for development of treatment demonstrations.

(EPA/SW-874) 04/15/83

Order Number: PB89-179 014 Order Form: NTIS



### **Hazardous Waste Tanks Failure Model; Description of Methodology and Appendices A, B, C, D, and E**

Evaluates frequency and severity of various failure mechanisms for a variety of hazardous waste treatment and storage tank systems. Demonstrates fault tree techniques and a Monte Carlo simulation model to predict probabilities, magnitudes, and concentrations of releases over a 20-year operating life.

(EPA/530-SW-86-012) 01/13/86

Order Number: PB86-192 937/AS Order Form: NTIS

### **Hazardous Waste Tanks Risk Analysis**

Analyzes human health risks associated with different regulatory scenarios for tanks that treat, store, or accumulate hazardous waste.

(EPA/530-SW-86-011) 06/15/86

Order Number: PB86-212 289/AS Order Form: NTIS

### **Health and Environmental Effects Profiles (40 CFR 261); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001**

Profiles compiled to support listing of approximately 170 hazardous constituents identified in Appendix VIII.

10/15/81

Order Number: PB81-190 019 Order Form: NTIS

### **Heuristic Routing for Solid Waste Collection Vehicles**

Provides information on developing optimum routing systems for solid waste collection vehicles. Discusses macro-routing (assignment of collection routes to processing and disposal sites), districting (determination of route boundaries, route balancing), and micro-routing (path of collection vehicle on the route).

01/01/74

Order Number: EPA/SW-356 Order Form: OSW

### **Hospital Waste Combustion Study: Data Gathering Phase; Final Report**

Studies hospital waste combustors and applicable regulations. Addresses feed characteristics, combustor designs and operating characteristics, applied and potential control technology, and emissions of air pollutants. Gives number and location of combustors.

(EPA/450/3-88-017) 12/15/88

Order Number: PB89-148 308 Order Form: NTIS

### **Household Hazardous Waste: Bibliography of Useful References and List of State Experts**

Compiles Golden Empire Health Planning Center's "Alternatives to Landfilling Household Hazardous Waste" and bibliography. Put together by Center for Environmental Management on Household Hazardous Waste. Brochures and other studies included.

03/15/88

Order Number: EPA/530-SW-88-014 Order Form: OSW

### **How to Access the RCRA Information Center**

Describes the RCRA Information Center (RIC). The RIC houses RCRA regulatory support and distributes publications produced by EPA's Office of Solid Waste to assist the public with hazardous and solid waste issues.

06/15/92

Order Number: EPA/530-F-92-005 Order Form: OSW

### **How to Set Up a Local Program to Recycle Used Oil**

Presents commitment on grass-roots level. Explains the organization, design, implementation, and promotion of a used oil program, as well as administrative issues. Appendices include sample brochures and letters.

05/15/89

Order Number: EPA/530-SW-89-039A Order Form: OSW



### **Hydrologic Evaluation of Landfill Performance (HELP) Model; Volume 1: User's Guide for Version 1; Second Edition**

Describes HELP basic computer model. Discusses input and output options, with instructions for running the program on the National Computer Center IBM Computer System. The HELP program was developed to facilitate rapid, economical estimation of the amounts of surface runoff, sub-surface drainage, and leachate that may be expected to result from the operation of a wide variety of possible landfill designs.

(EPA/530-SW-84-009) 06/15/84

Order Number: PB85-100 840 Order Form: NTIS

### **Hydrologic Evaluation of Landfill Performance (HELP) Model; Volume 2: Documentation for Version 1**

Includes the theories and assumptions on which the HELP model is based. Solution techniques are used, and the internal logic of a computer program is presented in detail.

(EPA/530-SW-84-010) 06/15/84

Order Number: PB85-100 832 Order Form: NTIS

### **Hydrologic Simulation on Solid Waste Disposal Sites**

Describes computer-based model for simulating percolation of precipitation through cover material at solid waste disposal sites. HSSWDS model (hydrologic simulations at solid waste disposal sites) can be employed in the evaluation of present cover materials at a landfill or in the design of new or improved landfill covers.

09/15/82

Order Number: EPA/SW-868 Order Form: OSW

### **Ignitability Characteristic (40 CFR 261.21); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001**

Supports and describes EPA's definition of ignitable waste. Discusses comments received on proposed definition of ignitability.

05/02/80

Order Number: PB81-187 890 Order Form: NTIS

### **Inactive and Abandoned Noncoal Mines—A Scoping Study**

Presents first of a three-volume report on the scope of the environmental, public health, and safety problems presented by inactive and abandoned noncoal mines. Conducts a preliminary identification of policy options for addressing such problems.

(EPA/530-R-92-005a) 08/15/91

Order Number: PB92-190 115 Order Form: NTIS

### **Inactive and Abandoned Noncoal Mines—State Reports**

Reports on the scope of the environmental, public health, and safety problems presented by inactive and abandoned noncoal mines. Conducts a preliminary identification of policy options for addressing such problems. This volume contains state reports submitted to the Western Governors' Association. Second of three-volumes.

(EPA/530-R-92-005b) 08/15/91

Order Number: PB92-190 123 Order Form: NTIS

### **Inactive and Abandoned Noncoal Mines—Appendix: State Reports**

Reports on the scope of the environmental, public health, and safety problems presented by inactive and abandoned noncoal mines. Conducts a preliminary identification of policy options for addressing such problems. This volume contains state reports submitted to the Interstate Mining Compact Commission. Third of three volumes.

(EPA/530-R-92-005c) 08/15/91

Order Number: PB92-190 131 Order Form: NTIS

### **Inactive and Abandoned Noncoal Mines—(Complete Set)**

Reports on the scope of the environmental, public health, and safety problems presented by inactive and abandoned noncoal mines. Conducts a preliminary identification of policy options for addressing such problems.

(EPA/530-R-92-005) 08/15/91

Order Number: PB92-190 107 Order Form: NTIS



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**Incineration Standards (40 CFR 264 and 265, Subpart O); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004**

Describes regulation as originally proposed. Summarizes and responds to comments received and indicates Agency's rationale for final regulations.

12/15/80

Order Number: PB81-190 092

Order Form: NTIS

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**Index to the Monthly Hotline Report Questions (June 1982 to December 1991)**

Indexes monthly report questions by subject, by section of the *Code of Federal Regulations* and by section of the Solid Waste Disposal Act.

(EPA/530-SW-91-094)

07/15/92

Order Number: PB92-131 382

Order Form: NTIS

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**Infectious Waste (40 CFR 250.14); Identification and Listing of Hazardous Waste under RCRA, Subtitle C, Section 3001**

Provides Agency support and rationale for regulations defining infectious hazardous waste. Specifies Agency's choice to define infectious waste by location of diseased microorganisms, defending that source identification is an inclusive and enforceable method of regulation.

(EPA/530-SW-88-055)

12/15/78

Order Number: PB89-102 594

Order Form: NTIS

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**Inside the Hotline: A Compilation of 1991 Monthly Hotline Reports**

Provides a compilation of questions and answers and *Federal Register* summaries from individual Monthly Hotline Reports for the period of January to December 1991. It is divided into three sections: questions and answers, *Federal Register* summaries, and indices to the questions, according to subject matter, regulatory and statutory citations.

(EPA/530-SW-91-093N)

03/15/92

Order Number: PB92-131 390

Order Form: NTIS

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**Inter-Industry Collaborative Study of Toxicity Characteristic Leaching Procedures; Addendum to Compilation of Phase IA and Phase II Data**

Reports final results of the Inter-Industry Collaborative Study of Toxicity Characteristic Leaching Procedure (TCLP). Evaluates solid waste leaching procedure under development at EPA. Compares proposed TCLP and EP Toxicity test to estimate the precision and reliability of TCLP and to identify procedural problems in TCLP.

09/15/86

Order Number: PB87-155 545/AS

Order Form: NTIS

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**Interim National Criteria for a Quality Hazardous Waste Management Program under RCRA**

Establishes interim national criteria for planning and overseeing a quality hazardous waste management program under RCRA. Clarifies program goals and performance expectations to ensure that parties have an understanding of how to implement RCRA effectively. Outlines general principles describing how EPA and states should respond when criteria are not met or are exceeded.

05/01/84

Order Number: EPA/530-SW-84-006

Order Form: OSW

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**Interim Status Standards and General Status Standards for Closure and Postclosure Care (40 CFR 264 and 265, Subpart G); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004**

Presents first document in a set of reports accompanying the regulations to control hazardous waste generation, transportation, treatment, storage, and disposal. Describes the Congressional authority and need for this initial effort to regulate hazardous waste. Discusses only the nontechnical aspects of closure and postclosure for Interim and General Status Standards. Presents the regulatory rationale, along with analyses of public comments and a list of references.

12/15/80

Order Number: PB81-189 763

Order Form: NTIS



### **Interim Status Standards for Land Treatment Facilities (40 CFR 265, Subpart M); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004**

Provides the rationale for standards pertaining to treatment and disposal of hazardous waste in land treatment facilities. Summarizes regulations as proposed and describes comment analysis and regulatory rationale.

04/15/80

Order Number: PB81-190 068 Order Form: NTIS

### **Interim Status Standards for Landfills (40 CFR 265, Subpart N); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004**

Presents the Amendment to Section 3004 requiring that standards include the location, design, construction, and operation of hazardous waste treatment, storage, and disposal facilities. Records of hazardous wastes treated, stored, or disposed of, and all reporting, monitoring, and inspection also must be included. Attachment includes summaries of comments concerning ignitable wastes in landfills.

02/15/81

Order Number: PB81-189 789 Order Form: NTIS

### **Interim Status Standards for Thermal Treatment Processes Other Than Incineration and for Open Burning (40 CFR 265, Subpart P); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004**

Discusses rationale for the regulation of facilities with hazardous waste thermal treatments other than incineration. Contains analysis of comments relevant to regulations for thermal treatment facilities, including analysis of comments received on proposed regulations.

04/15/80

Order Number: PB81-189 771 Order Form: NTIS

### **Interim Status Surface Impoundments; Retrofitting Variances; Guidance Document**

Assists both owners and operators of surface impoundments who apply for exemptions under Section 3005(j) of RCRA. Federal and state officials who process applications also can use this as a guide.

(EPA/530-SW-86-017)

06/15/86

Order Number: PB86-212 263/AS Order Form: NTIS

### **Inventory of Open Dumps**

Identifies facilities that do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities." Includes a list of facilities, locations, and noncompliance categories.

(EPA/SW-964R)

06/15/85

Order Number: PB91-181 594 Order Form: NTIS

### **Joint NRC/EPA Guidance on a Conceptual Design Approach for Commercial Mixed Low-Level Radioactive and Hazardous Waste Disposal Facilities (OSWER Directive #9487.00-8)**

Aids states in designing mixed waste land disposal facilities that satisfy regulatory requirements of both NRC and EPA. Highlights EPA's double liner/leachate collection and leak detection systems, as well as NRC's requirement that waste not come in contact with liquids.

08/03/87

Order Number: EPA/530-SW-87-027 Order Form: OSW

### **Land Disposal Restrictions Summary; Volume I: Solvents and Dioxins**

Summarizes the rulemaking on November 7, 1986, and describes key regulatory requirements pertaining to treatment standards, variances, and extensions. Outlines new responsibilities of generators, treatment facilities, and disposal facilities under rule. Provides overview of specific treatment standards for solvent- and dioxin-containing wastes.

05/15/87

Order Number: EPA/530-SW-87-019A Order Form: OSW



## **Land Disposal Restrictions Summary; Volume II: California List Wastes**

Summarizes the final rule from July 8, 1987, which establishes land disposal restrictions for certain California List hazardous wastes. Slightly modifies the framework for implementing land disposal restrictions. Geared to individuals who are familiar with EPA's hazardous waste program.

10/15/87

Order Number: EPA/530-SW-88-012 Order Form: OSW

## **Landfill and Surface Impoundment Performance Evaluation**

Describes methods for evaluating designs for landfills and surface impoundments. Includes ways to predict the amount of liquid collected in leachate collection systems and the amount seeping through the liner into underlying soils.

(EPA/SW-869R)

04/15/83

Order Number: PB91-181 586 Order Form: NTIS

## **Let's Reduce and Recycle: A Curriculum for Solid Waste Awareness**

Provides a tool for educational instructors to stimulate the discussion of solid waste issues and heighten young people's awareness of the issues. Includes lesson plans for grades K-6 and 7-12. Also includes a resource list for related publications.

08/15/90

Order Number: EPA/530-SW-90-005 Order Form: OSW

## **Liability Coverage; Requirements for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; A Guidance Manual**

Provides help to owners and operators in complying with requirements of liability coverage. Serves as a guide to EPA Regional staff in implementing requirements.

(EPA/SW-961)

11/15/82

Order Number: PB83-144 675 Order Form: NTIS

## **Liner Location Risk and Cost Analysis Model**

Documents the first phase of the development of Liner Location Risk and Cost Analysis Model. The model estimates chronic risk to human health from land disposal of hazardous wastes under different technology, location, and waste stream scenarios. Describes the basic model and three policy applications.

01/15/85

Order Number: PB87-157 210/AS Order Form: NTIS

## **Liner Location Risk and Cost Analysis Model; Appendices**

Contains data, results, and descriptions of specific model components and methodologies to serve as a backup to the presentation in main volume. Provides estimates of the probability of system failure and leachate release from hypothetical facilities. Monte Carlo simulation model developed for analysis.

01/15/85

Order Number: PB87-157 756/AS Order Form: NTIS

## **Lining of Waste Impoundment and Disposal Facilities**

Provides current technological information about liner materials that could contain hazardous wastes. Assists in the selection, installation, and maintenance of appropriate liners for specific types of wastes in particular storage or disposal units. Includes test methods for determining waste liner compatibility, liner manufacturers, and materials sources.

(EPA/SW-870)

03/01/83

Order Number: PB86-192 796/AS Order Form: NTIS

## **List of Municipal Waste Landfills**

Provides list of municipal waste landfills, including each state and territory. No attempt was made to verify state lists. Includes some 7,683 of 9,284 landfills reported in census.

12/15/86

Order Number: PB87-178 331 Order Form: NTIS



### **Listing of Hazardous Waste; Finalization of July 16, 1980, Hazardous Waste List (40 CFR 261.31 and 261.32); Identification and Listing of Hazardous Waste under RCRA, Subtitle C, Section 3001**

Identifies muds from brine purification and wastewater treatment sludges from mercury cell processes as hazardous waste from chlorine production. Discusses toxicity of heavy metal mercury as rationale for listing.

01/12/81

Order Number: PB81-190 076 Order Form: NTIS

### **Listing of Hazardous Waste (40 CFR 261.31 and 261.32); Identification and Listing of Hazardous Waste under RCRA, Subtitle C, Section 3001**

Provides technical support for listing 85 waste streams as hazardous waste and proposes listing of 11 wastes. Discusses comments received on proposed listings and changes made.

05/02/80

Order Number: PB81-190 035 Order Form: NTIS

### **Location of Mines and Factors Affecting Exposure**

Relates qualitative perspective on risk that mining wastes present. Reports on mine locations, locations of potential receptor populations, environmental characteristics at those locations, and compares selected sites.

(EPA/530-SW-86-023)

06/30/86

Order Number: PB86-219 409/AS Order Form: NTIS

### **Location Standards for RCRA Hazardous Waste Facilities; Regulatory Development Plan**

Assesses locations for hazardous waste facilities and furnishes guidance criteria identifying areas of vulnerable hydrogeology. Plan includes purpose, background, two-step process approach, issues, alternatives, classification and analysis, and time schedule for activities.

12/15/85

Order Number: PB87-162 954/AS Order Form: NTIS

### **Low-Level Mixed Waste: A RCRA Perspective for NRC Licensees**

Introduces RCRA requirements to potential commercial mixed waste generators and treatment, storage, and/or disposal facilities. Especially geared for Nuclear Regulatory Commission licensees not familiar with regulations that apply to waste products. Includes mixed waste definition, commercial mixed waste generators, scope of RCRA, RCRA requirements, implementation, and enforcement, and mixed waste minimization.

08/15/90

Order Number: EPA/530-SW-90-057 Order Form: OSW

### **Management of Hazardous Waste Leachate**

Provides guidance for permit officials and disposal site operators on available management options for controlling, treating, and disposing of hazardous waste leachates. Discusses the considerations necessary to develop sound management plans for leachate generated at surface impoundments and landfills.

(EPA/SW-871R)

09/15/82

Order Number: PB91-181 578 Order Form: NTIS

### **Managing and Tracking Medical Wastes: A Guide to the Federal Program for Generators**

Offers general information about the tracking program and specific instructions for regulated medical waste generators. Includes requirements for generators of more than 50 pounds a month, such as hospitals, physicians, dentists, and veterinarians.

09/15/89

Order Number: EPA/530-SW-89-021 Order Form: OSW

### **Managing and Tracking Medical Wastes: A Guide to the Federal Program for Transporters**

Offers general information about the tracking program and specific instructions for transporters of regulated medical waste. Includes requirements for transporters, including owners and operators of transfer facilities that carry regulated medical waste generated in a participating state. Includes requirements for vehicles used by transporters.

09/15/89

Order Number: EPA/530-SW-89-022 Order Form: OSW



### **Managing and Tracking Medical Wastes: A Guide to the Federal Program for Treatment, Destruction, and Disposal Facilities**

Offers general information about the tracking program and specific instructions for facilities that treat, destroy, or dispose of regulated medical waste. Includes requirements for facilities that dispose of wastes, with slightly different requirements for facilities that treat or destroy wastes.

09/15/89

Order Number: EPA/530-SW-89-023 Order Form: OSW

### **Manifest System, Recordkeeping, and Reporting (40 CFR 264 and 265, Subpart E); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004**

Provides background information, rationale, and supporting data for the standards established for manifest system compliance, recordkeeping, and reporting at hazardous waste treatment, storage, and disposal facilities.

04/15/80

Order Number: PB81-190 043 Order Form: NTIS

### **Markets for Scrap Tires**

Discusses the problems associated with scrap tires. Identifies existing and potential source reduction and utilization methods that may be effective in solving the tire problem. Options for removing barriers to use tires are identified and evaluated.

(EPA/530-SW-90-074A)

10/15/91

Order Number: PB92-115 252 Order Form: NTIS

### **Measurements of Particulates, Metals, and Organics at a Hazardous Waste Incinerator**

Describes field tests at hazardous waste incinerators as part of a data-gathering effort to develop amendments for hazardous waste incinerators. Collects data on particulate emissions, particle size, selected toxic metals emissions and control device efficiency, and organic emissions. Findings uncover concern for control device efficiency for particulate and toxic metals and the use of total hydrocarbon monitors to measure organic emissions.

(EPA/530-SW-89-067)

11/15/88

Order Number: PB89-230 668 Order Form: NTIS

### **Medical Waste Management in the United States: First Interim Report to Congress**

Discusses first of three reports required by Congress in which EPA assesses several aspects of medical waste management and the demonstration program for tracking medical wastes.

(EPA/530-SW-90-051A)

05/15/90

Order Number: PB90-219 874 Order Form: NTIS

### **Medical Waste Management in the United States: First Interim Report to Congress; Executive Summary**

Outlines interim report. Addresses topics specified in RCRA Section 11008(a), including aspects of medical waste management and the demonstration program for tracking medical wastes.

05/15/90

Order Number: EPA/530-SW-90-051B Order Form: OSW

### **Medical Waste Management in the United States: Second Interim Report to Congress**

Addresses the medical waste program pursuant to the Medical Waste Tracking Act of 1988. Reviews key issues leading to the passage of the law, with a detailed analysis of EPA's medical waste program.

(EPA/530-SW-90-087A)

12/15/90

Order Number: PB91-130 187 Order Form: NTIS

### **Medical Waste Management in the United States: Second Interim Report to Congress; Executive Summary**

Outlines interim report. Briefly describes the five integrated components of EPA's medical waste program, which includes a tracking system, management program, information gathering, research and analysis, education, outreach and training program, and enforcement strategy. Update provided on progress in the characterization of generation and management of medical waste, and development of guidelines for home health care waste.

12/15/90

Order Number: EPA/530-SW-90-087B Order Form: OSW



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**Medical Waste Tracking Act of 1988**

Examines Public Law 100-582, 100th Congress. The Solid Waste Disposal Act was amended to promulgate regulations on management of infectious waste.

11/01/88

Order Number: EPA/530-SW-89-008 Order Form: OSW

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**Memorandum to Monica Chatmon-McEaddy of Office of Solid Waste Regarding Final Treatment Standards for K069 Nonwastewaters in the Calcium Sulfate/Sodium Subcategory and Wastewater Forms of K069**

Presents technical support and rationale for the development of treatment standards for K069 nonwastewaters in the calcium sulfate subcategory and wastewater forms of K069. K069 is listed as an emission control dust or sludge from secondary lead smelting.

(EPA/530-SW-90-059K)

05/08/90

Order Number: PB90-234 113 Order Form: NTIS

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**Memorandum to Monica Chatmon-McEaddy of Office of Solid Waste Regarding Final Treatment Standards for Nonwastewater and Wastewater Forms of K100**

Presents technical support and rationale for the development of treatment standards for nonwastewater and wastewater forms of K100. K100 is listed as a waste leaching solution from acid leaching of emission control dust or sludge from secondary lead smelting.

(EPA/530-SW-90-059L)

05/08/90

Order Number: PB90-234 121 Order Form: NTIS

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**Memorandum to the Docket Regarding Final Treatment Standards for Nonwastewater and Wastewater Forms of K044, K045, and K047**

Summarizes technical support and rationale for treatment standard for nonwastewater and wastewater forms of K044, K045, and K047 as identified in 40 CFR 261.32.

(EPA/530-SW-90-060B)

05/08/90

Order Number: PB90-234 295 Order Form: NTIS

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**Metals Control Efficiency Test at a Dry Scrubber and Baghouse Equipped Hazardous Waste Incinerator**

Presents test results of air pollution control devices at Illinois incineration unit to determine toxic metals and particulate control efficiencies of spray dryer and fabric filter system. Contributes to EPA's data on control efficiencies that can be achieved by hazardous waste incineration facilities.

(EPA/530-SW-91-004)

09/15/90

Order Number: PB91-101 865 Order Form: NTIS

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**Methodology for Developing Best Demonstrated Available Technology (BDAT) Treatment Standards**

Summarizes EPA's approach for implementing land disposal restrictions program. Presents the legal authority for regulations, describes technical methodology used to define treatment standards, and discusses the variance from these standards. Presents Agency's approach to special problems raised by P and U listed hazards.

(EPA/530-SW-89-048B)

05/08/89

Order Number: PB89-221 428 Order Form: NTIS

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**Methods Manual for Compliance with the BIF Regulations: Burning Hazardous Waste in Boilers and Industrial Furnaces**

Presents required methods for demonstrating compliance with EPA regulations (40 CFR Part 266, Subpart H) for boilers and industrial furnaces (BIFs) burning hazardous waste. Includes performance specifications for continuous emission monitoring of CO, O, and hydrocarbons in stack gases, sampling and analytical methods, hazardous waste combustion air quality screening procedures, and procedures for estimating the toxicity equivalence of chlorinated dibenzo-p-dioxin and dibenzofuran congeners.

(EPA/530-SW-91-010)

12/15/90

Order Number: PB91-120 006 Order Form: NTIS

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**Methods for the Storage and Retrieval of RCRA Groundwater Monitoring Data on STORET; User's Manual**

Introduces STORET analysis system and special features of RCRA ground-water data. Discusses how to access system. Detailed discussion of various elements and conventions of RCRA ground-water monitoring data. Includes sample data retrievals.

10/01/85

Order Number: PB87-154 928/AS Order Form: NTIS



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### **Minimum Technology Guidance on Double Liner Systems for Landfills and Surface Impoundments; Design, Construction, and Operation**

Provides guidance on designs for surface impoundments required to have two or more liners and for a leachate collection system above and between such liners. Identifies two double-liner systems. Incorporates current state-of-the-art design, construction, and operation of hazardous waste land disposal units.

(EPA/530-SW-85-014)

05/24/85

Order Number: PB87-151 072/AS      Order Form: NTIS

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### **Minimum Technology Guidance on Single Liner Systems for Landfills, Surface Impoundments, and Waste Piles; Design, Construction, and Operation (Draft)**

Identifies design, construction, and operation specifications that can be used by owners and operators to comply with various sections of the Hazardous and Solid Waste Amendments. Provides guidance for owners and operators and EPA and state regulatory personnel on designs that the Agency believes meet Section 3015(a) requirements for waste piles.

(EPA/530-SW-85-013)

05/24/85

Order Number: PB87-173 159      Order Form: NTIS

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### **Mining Sites in the National Priorities List; NPL Site Summary Reports (Complete Set)**

Summarizes a five volume set covering 48 sites. Includes a series on mining sites on the National Priorities List (NPL). Reports prepared to support EPA's mining program activities. Summarizes environmental damages and associated mining waste management practices at sites on, or proposed for, NPL as of February 11, 1991 (56 FR 5598). Based on information obtained from EPA files and reports. An individual report was prepared for each site, following various formats. Maps and charts are included.

(EPA/530-SW-91-065)

06/21/91

Order Number: PB92-124 759      Order Form: NTIS

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### **Mining Sites in the National Priorities List; NPL Site Summary Reports, Volume I: Aluminum Company of America (Vancouver Smelter), Anaconda Smelter, Atlas Asbestos Mine, Bunker Hill Mining and Metallurgical Complex, California Gulch, Carson River, Celtor Chemical Works, Cherokee County/Galena Subsite, Cimarron Mining Corporation, Clear Creek/Central City, Cleveland Mill**

Presents final draft for 11 sites. This report series on mining sites on the NPL was prepared to support EPA's mining program activities as of February 11, 1991 (56 FR 5598). Each location is treated individually and summarizes types of environmental damages and associated mining waste management practices.

(EPA/530-SW-91-065A)

06/21/91

Order Number: PB92-124 767      Order Form: NTIS

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### **Mining Sites in the National Priorities List; NPL Site Summary Reports, Volume II: Commencement Bay Nearshore/Tideflats, Denver Radium, Eagle Mine, East Helena Smelter, Eastern Michaud Flats Contamination Area, Glen Ridge/Montclair/West Orange/US Radium, Homestake Mill, Iron Mountain Mine, Johns-Manville Coalinga Asbestos Mill, Kerr-McGee (Kress Creek, Reed-Keppler Park, Residential Areas, Sewage Treatment Plant)**

Presents the final draft for 10 sites. Summarizes the type of environmental damages and associated mining waste practices for sites on, or proposed for, the NPL as of February 11, 1991 (56 FR 5598). Site history, description, and overviews are included. Remedial investigation activities and lists of contamination sources are provided. Identifies sources of hazardous contamination, describes nature and extent of contamination, and determines effects of toxic contamination on natural resources and public health.

(EPA/530-SW-91-065B)

06/21/91

Order Number: PB92-124 775      Order Form: NTIS



**Mining Sites in the National Priorities List; NPL Site Summary Reports, Volume III: Kerr-McGee Chemical Corporation (Soda Springs Plant), Lincoln Park, Martin Marietta Reduction Facility, Midvale Slag (Valley Materials Slag), Milltown Reservoir Sediments, Monsanto Chemical Company, Monticello Mill Site, Monticello Vicinity Properties, Mouat Industries, Ormet Corporation**

Presents the final draft for 10 sites. Individual reports on environmental damages and associated mining waste practices for sites on, or proposed for, the NPL as of February 11, 1991 (56 FR 5598). Site investigation, remedial planning and investigation, and remedial action are included for each. Prepared in conjunction with an economic assessment of natural resource injuries and a feasibility study for site cleanup. Cost figures are provided.

(EPA/530-SW-91-065C)

06/21/91

Order Number: PB92-124 783 Order Form: NTIS

**Mining Sites in the National Priorities List; NPL Site Summary Reports, Volume IV: Oronogo-Duenweg Mining Belt, Palmerton Zinc, Sharon Steel/Midvale Tailings, Silver Bow Creek/Butte Area Site, Silver Mountain Mine, Smuggler Mountain, St. Louis Airport/Hazelwood Interim/Futura Coatings, Sulphur Bank Mercury Mine, Tar Creek**

Presents the final draft for 9 sites. Individual reports on environmental damages and associated mining waste practices for sites on, or proposed for, the NPL as of February 11, 1991 (56 FR 5598). Site investigation, remedial planning and investigation, and remedial actions are included.

(EPA/530-SW-91-065D)

06/21/91

Order Number: PB92-124 791 Order Form: NTIS

**Mining Sites in the National Priorities List; NPL Site Summary Reports, Volume V: Teledyne Wah Chang, Tex-Tin Corporation, Torch Lake, United Nuclear Corporation/Churchrock Site, U.S. Titanium, Uravan Uranium Mill, Whitewood Creek, Wayne Interim Storage Facility/W.R. Grace**

Presents the final draft for 8 sites. Includes an ongoing Remedial Investigation and Feasibility Study with community relations plans. Identifies sources of hazardous contamination, describes nature and extent of contamination, and determines effects of toxic contamination on natural resources and public health.

(EPA/530-SW-91-065E)

06/21/91

Order Number: PB92-124 809 Order Form: NTIS

**Mobile Incineration: An Analysis of the Industry**

Examines the mobile incineration industry, including the supply of and demand for mobile incineration and an assessment of the mobile incineration market. Examines the mobile incineration business for its potential to absorb excess demand that could not be handled by fixed incineration facilities.

(EPA/530/SW-90-076)

06/30/89

Order Number: PB90-255 449 Order Form: NTIS

**Model RCRA Permit for Hazardous Waste Management Facilities**

Describes a Model Permit for assisting permit writers in drafting or reviewing hazardous waste facility permits. Covers process-specific conditions for container storage areas, tanks, incinerators, waste piles, surface impoundments, land treatment areas, and landfills. Also covers ground-water monitoring, corrective action, closure and postclosure, and other general permit and facility conditions.

(EPA/530-SW-90-049)

09/15/88

Order Number: PB90-210 998 Order Form: NTIS



### **Modifying RCRA Permits**

Discusses the concepts behind permits required for hazardous waste treatment, storage, and disposal facilities. Compares the old process with the new one where permits can be modified to allow improvements in equipment and changes in response to new standards. Processes are compared, with discussions of Class One, Two, and Three Modifications.

09/15/89

Order Number: EPA/530-SW-89-050 Order Form: OSW

### **Multimaterial Source Separation in Marblehead and Somerville, Massachusetts; Volume II: Collection and Marketing**

Examines a recycling program that involves separating household waste into recyclable components, such as paper, can, glass, and refuse. Selecting collection equipment, determining collection procedures, problems with collection, equipment problems, and improving collection procedures are discussed. Covers selecting markets, problems with markets, and overcoming marketing problems. Tables include monthly costs and savings.

12/15/79

Order Number: EPA/SW-822 Order Form: OSW

### **Multimaterial Source Separation in Marblehead and Somerville, Massachusetts; Volume III: Materials and Refuse; Composition of Source Separated Materials and Refuse**

Presents a recycling study that was conducted to develop three sets of data on source-separated materials and refuse. One set includes the relative percentages of 14 recoverable components in source-separated, refuse, and total residential waste streams. The second set documents recovery rates, or the percentage of each component that is source-separated. The third set includes moisture content and heat content of source-separated materials and refuse.

12/15/79

Order Number: EPA/SW-823 Order Form: OSW

### **Multimaterial Source Separation in Marblehead and Somerville, Massachusetts; Volume IV: Energy Use and Savings from Source Separated Materials and Other Solid Waste Management Alternatives for Marblehead**

Explains how energy use and savings can be calculated into collection, preparation, transportation, and treatment. Includes mathematical equations and results for recycling program.

12/15/79

Order Number: EPA/SW-824 Order Form: OSW

### **Multimaterial Source Separation in Marblehead and Somerville, Massachusetts; Volume V: Citizen Attitudes Toward Source Separation**

Documents four surveys for recycling programs. Covers the major issues of citizen participation in source-separation programs and storage and collection of source-separated materials. Includes survey questionnaires and survey results.

12/15/79

Order Number: EPA/SW-825 Order Form: OSW

### **Municipal Waste Combustion Ash and Leachate Characterization; Monofill Baseline Year; Woodburn Monofill; Woodburn, Oregon**

Documents sampling and analysis of both liquids and solids from a relatively young municipal solid waste (MSW) combustion residue monofill. Part of long-term study.

(EPA/530-SW-89-074)

08/15/89

Order Number: PB90-104-746 Order Form: NTIS

### **Municipal Waste Combustion Study (Complete Set)**

Analyzes health risks and environmental problems caused by pollutants emitted from municipal waste combustors. Describes municipal waste combustion industry and depicts trends. Series of 9 volumes.

(EPA/530-SW-87-021)

09/15/87

Order Number: PB87-206-066 Order Form: NTIS



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**Municipal Waste Combustion Study:  
Assessment of Health Risks Associated  
with Exposure to Municipal Waste  
Combustion Emissions**

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Analyzes of health risks and environmental problems because of pollutants emitted from municipal waste combustion. Volume 7 in 9-part series.

(EPA/530-SW-87-021G) 09/15/87

Order Number: PB87-206 132 Order Form: NTIS

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**Municipal Waste Combustion Study:  
Characterization of the Municipal Waste  
Combustion Industry**

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Describes MWC industry and depicts trends and growth in the industry. Volume 8 in 9-part series.

(EPA/530-SW-87-021H) 06/15/87

Order Number: PB87-206 140 Order Form: NTIS

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**Municipal Waste Combustion Study:  
Control of Organic Emissions**

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Describes assessment of combustion control of organic emissions from municipal waste combustors (MWCs). Information developed during a study of municipal waste combustion concerned with the best combustion practices to minimize emissions of organics. Focuses on the design of new units, and the operation and monitoring of new and existing units from viewpoint of combustor and boiler subsystems. Volume 3 in 9-part series.

(EPA/530-SW-87-021C) 06/15/87

Order Number: PB87-206 090 Order Form: NTIS

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**Municipal Waste Combustion Study: Costs  
of Flue Gas Cleaning Technologies**

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Assesses the emission control costs for municipal waste combustors. Volume 5 in 9-part series.

(EPA/530-SW-87-021E) 06/15/87

Order Number: PB87-206 116 Order Form: NTIS

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**Municipal Waste Combustion Study:  
Emissions Data Base for Municipal Waste  
Combustors**

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Provides compilation of emission data for municipal waste combustors (MWCs). Information developed during a study of municipal waste combustion. The purpose of the document is to compile U.S. and Canadian data on emissions of pollutants of concern from MWCs. The document also is intended to compile similar data from European and Japanese sources. The report also reduces test data into consistent units of measure and reference and presents data in common format. Volume 2 in 9-part series.

(EPA/530-SW-87-021B) 06/15/87

Order Number: PB87-206 082 Order Form: NTIS

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**Municipal Waste Combustion Study: Flue  
Gas Cleaning Technology**

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Provides results of flue gas cleaning technology study applied to municipal waste combustors. Includes control and effectiveness studies. Volume 4 in 9-part series.

(EPA/530-SW-87-021D) 06/15/87

Order Number: PB87-206 108 Order Form: NTIS

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**Municipal Waste Combustion Study:  
Recycling of Solid Waste**

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Assesses recycling solid waste as an alternative or augmentative waste management strategy to municipal waste combustion. Volume 9 in 9-part series.

(EPA/530-SW-87-021I) 06/15/87

Order Number: PB87-206 157 Order Form: NTIS

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**Municipal Waste Combustion Study:  
Report to Congress**

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Provides overview of entire municipal waste combustion study. Conducted in response to Section 102, HSWA, 1984. Discusses numbers and types of existing and projected facilities, estimates of emissions, options for controlling emissions, risks from emissions, and potential for control. Costs and sampling, analysis, and monitoring of emissions are examined. Overview of nine-volume study.

(EPA/530-SW-87-021A) 06/15/87

Order Number: PB87-206 074 Order Form: NTIS



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### **Municipal Waste Combustion Study: Sampling and Analysis**

Outlines recommended sampling, analysis and monitoring procedures for municipal solid waste combustion facilities. Volume 6 in 9-part series.

(EPA/530-SW-87-021F)

06/15/87

Order Number: PB87-206-124

Order Form: NTIS

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### **National Criteria for a Quality Hazardous Waste Management Program**

Includes comprehensive changes to reflect requirements and revised national policies. Changes include adding criteria for closures and corrective action, reformatting facility management planning criteria, adding performance measurements, and clarifying and editing various items.

06/01/86

Order Number: EPA/530-SW-89-011 Order Form: OSW

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### **National Dioxin Study**

Documents a two-year study to investigate dioxin contamination. Includes National Dioxin Strategy to provide coordinated management framework for investigative, remedial, and regulatory activities.

(EPA/530-SW-87-025)

08/15/87

Order Number: PB88-192-687

Order Form: NTIS

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### **National RCRA Corrective Action Strategy**

Informs regions, states, regulated community, and the public how EPA plans to approach implementation of corrective action programs for releases of hazardous wastes and constituents at facilities that manage hazardous wastes. Introduces action authorities and discusses facilities subject to requirements. Discusses how EPA will approach the program, including establishing priorities, and factors influencing management of corrective action.

10/01/86

Order Number: EPA/530-SW-86-045 Order Form: OSW

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### **National Small Quantity Hazardous Waste Generator Survey; Final Report**

Presents results of voluntary survey of generators of hazardous waste who produce less than 1,000 kg of hazardous waste per month. Designed to obtain reliable estimates of the number and type of small quantity hazardous waste generators and waste generation and management practices. Describes purpose and scope, background of RCRA and 1984 amendments, methodology of survey, and results. Includes sample questionnaire and detailed industry and waste stream profiles for small quantity generators.

(EPA/530-SW-85-004)

02/15/85

Order Number: PB85-180-438

Order Form: NTIS

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### **National Survey of Hazardous Waste Generators and Treatment, Storage, Disposal and Recycling Facilities in 1986: Hazardous Waste Generation and Management**

Presents findings of two extensive surveys conducted by mail during a 3-year period to obtain detailed information concerning hazardous waste generation and management practices. Includes survey overview, hazardous waste generation, types of waste generated, hazardous waste management methods, and the changes since 1986 that affect waste management. Includes detailed charts.

(EPA/530-SW-91-075)

10/15/91

Order Number: PB92-123-025

Order Form: NTIS

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### **National Survey of Hazardous Waste Generators and Treatment, Storage, Disposal and Recycling Facilities in 1986: Hazardous Waste Management in RCRA TSDR Units**

Presents initial findings of two, three-year long national mail surveys to gather information about hazardous waste generation and management practices. National Survey of Hazardous Waste Generators (Generator Survey) and National Survey of Hazardous Waste Treatment, Storage, Disposal, and Recycling Facilities (TSDR Survey) focused on hazardous waste handlers regulated under Subtitle C, RCRA, and HSWA amendments of 1984.

(EPA/530-SW-91-060)

07/15/91

Order Number: PB91-211-821

Order Form: NTIS



### **National Survey of Hazardous Waste Generators and Treatment, Storage, and Disposal Facilities Regulated under RCRA in 1981**

Summarizes findings of national survey of hazardous waste generators and treatment, storage, and disposal facilities regulated under Subtitle C, RCRA of 1976. Mail survey conducted during fall and spring of 1982 to 1983 under sponsorship of EPA's Office of Solid Waste. Information provided EPA with first complete description of hazardous waste management and generation activities regulated under federal law since RCRA was enacted in 1976.

(EPA/530-SW-84-005)

04/20/84

Order Number: PB86-197 837/AS Order Form: NTIS

### **National Survey of Solid Waste (Municipal) Landfill Facilities**

Describes methodology and results of national survey of Subtitle D municipal landfill facilities conducted in response to HSWA amendments of 1984. HSWA required EPA to conduct a study to determine whether regulations are adequate to protect human health and the environment. EPA also was required to report results of the study to Congress and to revise regulations for facilities that receive small-quantity generator hazardous waste and household hazardous waste.

(EPA/530-SW-88-034)

09/15/88

Order Number: PB89-118 525 Order Form: NTIS

### **The Nation's Hazardous Waste Management Program at a Crossroads: The RCRA Implementation Study**

Presents EPA's philosophy for management of hazardous waste, together with detailed rationale underlying that philosophy. Based on extensive analysis of perspectives gained from federal and state officials, public interest representatives, and regulated community. Sets direction for implementing RCRA and provides basis for EPA's strategic decision-making.

07/15/90

Order Number: EPA/530-SW-90-069 Order Form: OSW

### **Native American Network: A RCRA Information Exchange**

Covers RCRA's solid waste management issues. Serves as forum to exchange experiences and ideas among tribes to enhance working relationships among tribal governments, EPA, other federal agencies, and state and local governments. First newsletter includes citizen suit provisions, role of regional Indian coordinator, and listing of reference materials.

09/15/90

Order Number: EPA/530-SW-90-079 Order Form: OSW

### **Native American Network: A RCRA Information Exchange (Issue #2) (Spring 1991)**

Contains Oglala Sioux Tribe and Blue Legs Decision, philosophy on training, clandestine drug labs, hot topics, and important solid waste contacts.

04/15/91

Order Number: EPA/530-SW-91-001 Order Form: OSW

### **Native American Network: A RCRA Information Exchange (Issue #3) (Summer/Fall 1991)**

Covers Campo experience, money matters, IHS and solid waste, and a recycling project on the Cherokee Reservation.

07/15/91

Order Number: EPA/530-SW-91-002 Order Form: OSW

### **New Rule for Wood Preserving Wastes**

Covers three categories of wastes generated by the wood preserving industry and added to the list of hazardous wastes under RCRA. Finalizes the December 1988 proposed rule. Includes management standards for existing and new drip pads used to collect treated wood drippage.

12/15/90

Order Number: EPA/530-SW-91-012 Order Form: OSW

### **The New Toxicity Characteristic Rule: Information and Tips for Generators**

Provides tips on waste minimization practices, along with contacts for more information. Includes compliance guidelines.

04/15/90

Order Number: EPA/530-SW-90-028 Order Form: OSW



### **Nineteen Eighty-Five National Biennial Report of Hazardous Waste Generators and Treatment, Storage, and Disposal Facilities Regulated under RCRA; Volume I: Summary**

Profiles each state's hazardous waste generation and management data. Focuses on regional and national level analyses, making it a benchmark study. Data are comprehensive and improved compared to earlier studies. Includes tables, figures, definitions, methodology, and results.

(EPA/530-SW-89-033A) 03/15/89

Order Number: PB89-187 645 Order Form: NTIS

### **Nineteen Eighty-Five National Biennial Report of Hazardous Waste Generators and Treatment, Storage, and Disposal Facilities Regulated under RCRA; Volume II: Methodology and Data**

Provides detailed assessment of the study's survey approach and data, particularly state-by-state data profiles and relationships among states.

(EPA/530-SW-89-033B) 03/15/89

Order Number: PB89-187 652 Order Form: NTIS

### **Nineteen Eighty-Seven National Biennial RCRA Hazardous Waste Report**

Provides information about the generation, management, and final disposition of hazardous waste as regulated by RCRA. Data from 18,660 RCRA hazardous waste sites are included. The survey is mandated by law every two years. Data present the number of RCRA-regulated hazardous waste generators; types and quantities of waste generated; the number of treatment, storage, and disposal facilities; and types and quantities of wastes managed.

(EPA/530-SW-91-061) 07/15/91

Order Number: PB91-220 293 Order Form: NTIS

### **Nineteen Eighty-Seven National Biennial RCRA Hazardous Waste Report; Executive Summary**

Presents information from EPA's 1987 report. Collects and maintains information about generation, management, and final disposition of hazardous waste regulated by RCRA. Data from 18,660 sites are included.

07/15/91

Order Number: EPA/530-SW-91-061A Order Form: OSW

### **Nineteen Eighty-Six National Screening Survey of Hazardous Waste Treatment, Storage, Disposal, and Recycling Facilities**

Provides insights to TSDRs. There are now fewer active TSDRs than previously. Industry is dominated by very large onsite management facilities. The top 50 facilities manage 90 percent of the hazardous waste quantities. The dominant category is hazardous wastewater with low pH. Includes individual study results.

(EPA/530-SW-88-035)

09/01/88

Order Number: PB89-106 058

Order Form: NTIS

### **Ninety-Day Subchronic Oral Toxicity in Rats Test Materials: Pyridine; Volume I**

Provides test results of rats exposed daily to pyridine. Tests target organs and possible cumulative effects of pyridine. Findings used to develop the maximum acceptable concentrations in leachates emanating from land disposal units.

(EPA/530-SW-88-016A)

12/15/87

Order Number: PB88-176 136

Order Form: NTIS

### **Ninety-Day Subchronic Oral Toxicity in Rats Test Materials: Pyridine; Volume II**

Provides additional data to Volume I including summary and conclusion.

(EPA/530-SW-88-016B)

12/15/87

Order Number: PB88-176 144

Order Form: NTIS

### **No Migration Variances to the Hazardous Waste Land Disposal Prohibitions; A Guidance Manual for Petitioners**

Assists hazardous waste management facility owners and operators petitioning EPA for a variance from land disposal prohibitions at specific sites for specific wastes. Addresses the required scope of credible petitions.

(EPA/530-SW-90-045)

03/15/90

Order Number: PB90-204 736

Order Form: NTIS



### Office Paper Recycling: An Implementation Manual

Provides information to assist federal agencies in planning, implementing, and promoting a high-grade paper recovery program. The basic principles outlined should be useful to anyone planning an office paper recycling program, including state and local government agencies, commercial businesses, and other private organizations.

(EPA/530-SW-90-001) 01/15/90

Order Number: PB90-199 431 Order Form: NTIS

### Once There Lived a Wicked Dragon (Coloring Book)

Designed as an environmental coloring book for children. "This fable dedicated to the children that they may help us to know a dragon when we see one."

01/15/74

Order Number: EPA/SW-335 Order Form: OSW

### Performance Test on a Spray Dryer, Fabric Filter, and Wet Scrubber; Draft Test Report

Reports on a performance test of a Toxics Substances Control (TSCA) waste incinerator in Kansas, April 25-27, 1989. Part of EPA's Office of Solid Waste efforts to develop regulations to control the emissions of products of incomplete combustion, particulate matter, and toxic metals from hazardous waste incinerators.

(EPA/530-SW-90-008) 10/15/89

Order Number: PB90-120 544 Order Form: NTIS

### Permit Applicants' Guidance Manual for Exposure Information Requirements Under RCRA, Section 3019

Provides owners and operators of hazardous waste landfills and surface impoundments with guidance for submitting information on the potential for public exposure to hazardous wastes.

07/03/85

Order Number: PB87-193 694 Order Form: NTIS

### Permit Applicants' Guidance Manual for Hazardous Waste Land Treatment, Storage, and Disposal Facilities; Final Draft

Explains EPA permitting process, facility standards, and application information requirements. Intended for federal permit applicants who operate facilities that treat, store, or dispose of hazardous waste in surface impoundments, waste piles, land treatment units, and landfills.

(EPA/530-SW-84-004) 05/15/84

Order Number: PB89-115 695 Order Form: NTIS

### Permit Applicants' Guidance Manual for the General Facility Standards of 40 CFR 264

Assists owners and operators of hazardous waste management facilities required to submit Part B of permit applications in exhibiting compliance with the standards of 40 CFR Part 264.

(EPA/SW-968) 10/15/83

Order Number: PB87-151 064/AS Order Form: NTIS

### Permit Guidance Manual on Hazardous Waste Land Treatment Demonstrations

Contains specific laboratory and field test methods that may be used to complete demonstration. Describes alternative technical approaches and permitting procedures. Includes reconnaissance surveys, laboratory analyses, mathematical modeling, and field plot studies.

(EPA/530-SW-86-032) 07/15/86

Order Number: PB86-229 184/AS Order Form: NTIS

### Permit Guidance Manual on Unsaturated Zone Monitoring for Hazardous Waste Land Treatment Units

Provides guidance to permit applicants and writers for developing unsaturated zone monitoring systems at hazardous waste land treatment units to comply with Part 264, Subpart M Regulations. Covers both soil core and soil pore-liquid sampling procedures, chain of custody considerations, and data evaluation.

(EPA/530-SW-86-040) 10/15/86

Order Number: PB87-215 463/AS Order Form: NTIS



### **Permit Writers' Guidance Manual for Hazardous Waste Land Treatment, Storage, and Disposal Facilities; Phase 1: Criteria for Location Acceptability and Existing Applicable Regulations**

Defines acceptable locations for hazardous waste facilities. Cites applicable regulations and statutes in evaluating acceptable locations. Presents summary of EPA efforts to ensure both the proper site analysis and the safe location of such facilities.

(EPA/530-SW-85-024) 02/15/85

Order Number: PB86-125 580/AS Order Form: NTIS

### **Permit Writers' Guidance Manual for Hazardous Waste Tank Standards**

Assists permit reviewers in evaluation of design standards of hazardous waste tanks, piping, controls, and ancillaries in hazardous waste tanks. Only to be used with a reference library of standards, codes, handbooks and data surveys.

(EPA/530-SW-89-003) 07/15/86

Order Number: PB89-126 478 Order Form: NTIS

### **Permitting Hazardous Waste Incinerators**

Explains incineration as a means to dispose of hazardous waste. Includes performance standards for incinerators and steps for the permitting process.

04/15/88

Order Number: EPA/530-SW-88-024 Order Form: OSW

### **Permitting of Land Disposal Facilities: Groundwater and Air Emission Monitoring**

Describes permitting requirements of owners and operators of hazardous waste management facilities. Supports rule-making for the permitting of land disposal facilities concerning ground-water and air emission monitoring. Contains summaries of comments made regarding proposed rules and Agency responses.

07/31/81

Order Number: PB81-246 431 Order Form: NTIS

### **Permitting of Land Disposal Facilities: Groundwater Protection Standard**

Describes proposed ground-water permitting requirements of owners and operators of hazardous waste management facilities. Summarizes comments and Agency responses, providing regulatory rationale. Discusses ground-water protection strategy, facility design requirements, containment strategies, and specific ambient health and environmental standards.

07/31/81

Order Number: PB81-246 423 Order Form: NTIS

### **Permitting of Land Disposal Facilities: Information Requirements for Permitting Discharges; General Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities**

Discusses information required of owners and operators of land disposal facilities seeking permits. Cites the need for an adequate amount of information to perform a realistic evaluation of the facility's potential to cause adverse effects to human health and environment. Proper siting, design, and treatment will reduce information and demonstration requirements.

07/31/81

Order Number: PB81-246 415 Order Form: NTIS

### **Permitting of Land Disposal Facilities: Land Treatment**

Describes land treatment permitting requirements of owners and operators of hazardous waste management facilities. Contains comments on the proposed regulations with rationale for final regulations. Includes issues such as surface water run-on and run-off, soil and soil-pure monitoring, and closure and postclosure.

07/31/81

Order Number: PB81-246 381 Order Form: NTIS

### **Permitting of Land Disposal Facilities: Landfills**

Presents the re-proposal of Proposed Rule and Proposed Amendments to 40 CFR Parts 260, 264, and 122. The need for regulation is based on the potential for environmental damage and actual damage incidents.

07/31/81

Order Number: PB81-246 399 Order Form: NTIS



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**Permitting of Land Disposal Facilities:  
Overview; Background Document**

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Describes permitting requirements of owners and operators of hazardous waste management facilities. Provides analysis of standards, comment on summaries, and Agency rationale for regulations.

07/31/81

Order Number: PB81-246 357

Order Form: NTIS

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**Permitting of Land Disposal Facilities:  
Performance Standards for Land Disposal  
Facilities**

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Describes performance permitting requirements of owners and operators of hazardous waste management facilities. Proposes standards applicable to land disposal facilities under Subpart B - General Facility Standards. Proposes standards applicable to land disposal facilities handling specific wastes or waste types under Subpart T - Minimum Acceptable Treatment of Hazardous Wastes Prior to Disposal.

07/31/81

Order Number: PB81-246 449

Order Form: NTIS

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**Permitting of Land Disposal Facilities:  
Surface Impoundments**

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Describes proposed surface impoundment permitting requirements of owners and operators of hazardous waste management facilities.

07/31/81

Order Number: PB81-246 365

Order Form: NTIS

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**Permitting of Land Disposal Facilities:  
Underground Injection; Background  
Document**

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Describes permitting requirements of owners and operators of hazardous waste management facilities. Proposes standards for underground injection and underground seepage land disposal facilities. Discusses implications for Underground Injection Control Program established under the authority of the Safe Drinking Water Act.

07/31/81

Order Number: PB81-246 407

Order Form: NTIS

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**Permitting of Land Disposal Facilities:  
Waste Piles**

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Describes proposed waste pile permitting requirements of owners and operators of hazardous waste management facilities.

07/31/81

Order Number: PB81-246 373

Order Form: NTIS

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**Petitions to Delist Hazardous Wastes; A  
Guidance Manual**

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Describes the necessary data to be included in a de-listing petition submitted under 40 CFR 260.22. Presents a step-wise approach to compiling a de-listing petition, describing and including examples of each information requirement, such as process descriptions, raw material lists, sampling plans, and test data.

(EPA/530-SW-85-003)

04/01/85

Order Number: PB85-194 488

Order Form: NTIS

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**Pilot-Scale ESP and Hydro-Sonic Scrubber  
Parametric Tests for Particulate, Metals,  
and HCl Emissions; John Zink Company  
Research Facility; Tulsa, Oklahoma; Draft  
Test Report**

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Presents results of testing program to control emissions of particulate matter, toxic metals and hydrochloric acid from hazardous waste incinerators. Toxic metals examined include arsenic, cadmium, chromium, lead, and mercury.

(EPA/530-SW-90-009)

06/15/89

Order Number: PB90-129 362

Order Form: NTIS

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**Plans, Recordkeeping, Variances, and  
Demonstrations for Hazardous Waste  
Treatment, Storage, and Disposal  
Facilities; A Guidance Manual**

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Assists EPA's regional offices in interpreting selected requirements of the Interim Status Standards (ISS) for facilities managing hazardous waste. ISS have been designed to be met without substantial interpretation by, or negotiation with, EPA.

(EPA/SW-921)

01/01/81

Order Number: PB87-155 503/AS

Order Form: NTIS



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**Postclosure Liability Trust Fund Simulation Model; Volume I: Model Overview and Results; Volume II: Graphs and Tables of Model Results; Volume III: Model Description**

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Describes use of the model in five simulations and provides analysis of revenue requirements under alternative Fund coverage policies. Technical details given on various aspects of model.

05/01/85

Order Number: PB86-212 479/AS Order Form: NTIS

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**Preliminary Use and Substitutes Analysis of Lead and Cadmium in Products in Municipal Solid Waste**

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Identifies lead- and cadmium-containing products that are disposed of in municipal solid waste, and provides information regarding potential substitutes for these metals in various applications.

(EPA/530-R-92-010)

04/15/92

Order Number: PB92-162 551 Order Form: NTIS

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**Procedural Guidance for Reviewing Exposure Information Under RCRA, Section 3019**

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Assists permit writers in the evaluation of exposure information. Outlines steps in referring sites to EPA for Toxic Substances and Disease Registry health evaluations. Includes integration of review into existing activities.

09/26/86

Order Number: PB87-193 702 Order Form: NTIS

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**Procedures for Modeling Flow Through Clay Liners to Determine Required Liner Thickness**

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Includes technical procedures for determining adequate thicknesses of single soil liners. Includes a performance simulation model based on numerical techniques.

(EPA/530-SW-84-001)

04/15/84

Order Number: PB87-191 029 Order Form: NTIS

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**Procedures Manual for Groundwater Monitoring at Solid Waste Disposal Facilities**

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Assists user to establish ground-water monitoring procedures at solid waste disposal facilities. Examines need for monitoring, assigning priorities for facilities to be monitored, and implementing and directing cost-effective, and on-going monitoring programs.

(EPA/SW-611)

08/15/77

Order Number: PB84-174 820 Order Form: NTIS

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**Proceedings of the Fifth National Conference on Household Hazardous Waste Management, November 5-7, 1990, San Francisco, California**

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Compiles addresses, documents, and related publications pertaining to the fifth annual Household Hazardous Waste Management Conference. Covers topics on pesticides, source reduction, paint, heavy metals, wastewater, and indoor air pollution. Reprints submitted speeches.

(EPA/530-SW-91-059)

03/15/91

Order Number: PB91-206 607 Order Form: NTIS

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**Proceedings of the First International Symposium on Oil and Gas Exploration and Production Waste Management Practices, September 10-13, 1990, New Orleans, Louisiana**

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Contains proceedings of the First International Symposium on Oil and Gas Exploration and Production Wastes Management Practices. Symposium was co-sponsored by EPA, Department of the Interior, Department of Energy, and various interested associations and commissions.

(EPA/530-SW-91-030)

09/13/90

Order Number: PB91-160 549 Order Form: NTIS

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**Proceedings of the Fourth National Conference on Household Hazardous Waste Management**

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Presents proceedings concerned with the reduction and safe management of everyday waste. Emphasizes toxicity reduction and recycling, used oil and lead-acid batteries, education programs, and expanding and improving existing collection programs.

(EPA/530-SW-89-042D)

02/15/90

Order Number: PB90-163 189 Order Form: NTIS

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### **Proceedings of the Sixth National United States Environmental Protection Agency Conference on Household Hazardous Waste Management, Seattle, Washington, December 3-7, 1991**

Contains opening plenary session and workshop materials of the conference. Workshop issues include: used oil, farm pesticides collection programs, cleaning products, automotive products, household and community pesticides, fluorescent lights, paint, household batteries, indoor air, and public education.

(EPA/530-R-92-016)

03/15/92

Order Number: PB92-169 390

Order Form: NTIS

### **Procurement Guidelines for Government Agencies**

Requires government agencies to buy products made with recovered materials according to Section 6002 of RCRA. Five different guidelines cover specific items: paper and paper products, lubricating oils, retreaded tires, building insulation products, and cement and concrete containing fly ash. Includes guidelines, section requirements, and enforcement.

12/15/90

Order Number: EPA/530-SW-91-011

Order Form: OSW

### **Prohibition on the Disposal of Bulk Liquid Hazardous Waste in Landfills; Statutory Interpretive Guidance**

Provides guidance to owners and operators of hazardous waste landfills who dispose of bulk liquid hazardous wastes. Addresses Section 3004(c)(1) of RCRA, explaining its legal and technical requirements.

(EPA/530-SW-86-016)

06/11/86

Order Number: PB86-212 271/AS

Order Form: NTIS

### **Projected Regulatory, Programmatic, and Fiscal Impacts of EPA's Strawman II on State Mine Waste Management Programs; Volume I: Summary Report**

Provides preliminary assessment of the effects that EPA's Strawman II draft regulatory approach for mining waste would have on existing state programs for environmental control and management of mining waste.

(EPA/530-R-92-008a)

12/21/91

Order Number: PB92-190 156

Order Form: NTIS

### **Projected Regulatory, Programmatic, and Fiscal Impacts of EPA's Strawman II on State Mine Waste Management Programs; Volume II: State Reports of Western Governors' Association Mine Waste Task Force States**

Reports on the impacts of EPA's Strawman II report from the participating states of the Western Governors' Association Mine Waste Task Force.

(EPA/530-R-92-008b)

12/21/91

Order Number: PB92-190 164

Order Form: NTIS

### **Projected Regulatory, Programmatic, and Fiscal Impacts of EPA's Strawman - II on State Mine Waste Management Programs; Volume III: Appendix: State Reports**

Reports on the impacts of EPA's Strawman II report from the Interstate Mining Compact Commission, Interstate Coalition on Mine Waste.

(EPA/530-R-92-008c)

12/21/91

Order Number: PB92-190 172

Order Form: NTIS

### **Projected Regulatory, Programmatic, and Fiscal Impacts of EPA's Strawman II on State Mine Waste Management Programs (Complete Set)**

Reports on the projected regulatory, programmatic, and fiscal impacts of EPA's Strawman II on state mine waste management programs. Contains three volumes.

(EPA/530-R-92-008)

12/21/91

Order Number: PB92-190 149

Order Form: NTIS

### **Promoting Source Reduction and Recyclability in the Marketplace**

Relates the effectiveness of consumer-oriented education programs promoting source reduction and recyclability in the marketplace. Aims to assist solid waste officials, consumer interest groups, manufacturers, and marketing consultants charged with developing strategies to reduce municipal solid waste. Describes campaigns and research and outlines some general principles contributing to successful consumer-oriented programs.

(EPA/530-SW-89-066)

09/15/89

Order Number: PB90-163 122

Order Form: NTIS



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**Proposed Additions to Standards for Hazardous Waste Incineration (40 CFR 264.342 and 264.343); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004**

Provides support and background information for regulations issued under Section 3004, RCRA, regarding proposed additions to standards for hazardous waste incineration.

12/15/80

Order Number: PB81-193 021

Order Form: NTIS

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**Proposed Sampling and Analytical Methodologies for Addition to Test Methods for Evaluating Solid Waste: Physical/Chemical Methods (Second Edition)**

Lists proposed addenda to EPA's Test Methods Manual of analytical methods. Includes various techniques to characterize samples of waste, ground water, and stack emissions. Methods test for properties such as organic and inorganic content, corrosivity, radioactivity, and total oil and grease.

(SW-846)

01/01/84

Order Number: PB85-103 026

Order Form: NTIS

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**Protocol for Evaluating Interim Status Closure/Postclosure Plans**

Provides format for evaluating the quality of interim status closure and postclosure plans approved by states and EPA regions. Checklist and guidance provided can be valuable to EPA and state agency staff responsible for reviewing closure and postclosure plans.

08/15/86

Order Number: PB87-178 315

Order Form: NTIS

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**Quantities of Cyanide-Bearing and Acid-Generating Wastes Generated by the Mining and Beneficiating Industries, and the Potentials for Contaminant Release**

Documents the initial phases of human exposure and ecological impact assessment of mining and beneficiation wastes bearing cyanides or generating acids. Data regarding waste quantities, with limited information on cyanide concentrations and the potential for acid formation of wastes, were extracted and summarized.

(EPA/530-SW-86-025)

06/27/86

Order Number: PB86-219 391/AS

Order Form: NTIS

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**Questions and Answers on Land Disposal Restrictions for Solvents and Dioxins**

Summarizes frequently asked questions and appropriate responses concerning land disposal restrictions for the final rule for solvents and dioxins. Answers reflect land disposal prohibition requirements covered by federal rules promulgated on November 7, 1986.

05/15/87

Order Number: EPA/530-SW-87-020

Order Form: OSW

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**Questions and Answers on the Land Disposal Restrictions Program (Brochure)**

Gives background information on frequently asked questions about land disposal restrictions.

11/15/86

Order Number: EPA/530-SW-86-057

Order Form: OSW

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**Questions and Answers Regarding the July 14, 1986, Hazardous Waste Tank System Regulatory Amendments**

Answers questions concerning compliance or implementation of Subpart J requirements. Topics include the applicability of requirements, integrity assessments, design and operation requirements, secondary containment, and closure and postclosure care.

10/02/87

Order Number: EPA/530-SW-87-012

Order Form: OSW



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**Rat Oral Subchronic Toxicity Study; Final Report; Compound: Isobutyl Alcohol**

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Evaluates toxicity of isobutyl alcohol in rat subchronic toxicity study. Reveals that oral administration of the compound produces treatment-related effects at a dose level of 1,000 mg/kg/day, which produces hypoactivity and lowered weight gain in males.

(EPA/530-SW-88-015)

07/30/85

Order Number: PB88-176 177 Order Form: NTIS

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**RCRA Corrective Action Interim Measures Guidance; Interim Final**

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Provides technical framework for development of Corrective Action Orders and corrective action permit requirements. Assists regions and states to perform corrective action interim measures to mitigate or remove an exposure threat presented by releases.

06/15/88

Order Number: EPA/530-SW-88-029 Order Form: OSW

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**RCRA Corrective Action Plan; Interim Final**

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Assists regions and states direct corrective action programs. Provides technical framework for the development of Corrective Action Orders and corrective action permit requirements.

06/15/88

Order Number: EPA/530-SW-88-028 Order Form: OSW

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**RCRA Environmental Indicators; FY 1991 Progress Report and Implementation Plan for the Future**

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Establishes environmental indicators to measure progress in the RCRA program and develops a long-term strategy for reporting indicators. Describes indicators for waste minimization, safe management, and corrective action.

01/15/92

Order Number: EPA/530-R-92-012 Order Form: OSW

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**RCRA Facility Assessment Guidance**

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Provides guidance to the Office of Solid Waste in conducting RCRA facility assessments. Replaces 8/85 draft guidance with revisions made to reflect developments in the implementation of the RCRA corrective action program. Also clarifies the definition of solid waste management unit.

(EPA/530-SW-86-053)

10/09/86

Order Number: PB87-107 769 Order Form: NTIS

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**RCRA Facility Investigation (RFI) Guidance; Interim Final; Volume I: Development of an RFI Work Plan and General Considerations for RCRA Facility Investigations; Volume II: Soil, Groundwater, and Subsurface Gas Releases; Volume III: Air and Surface Water Releases; Volume IV: Case Study Examples**

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Provides guidance to regulatory agency personnel on overseeing owners or operators of hazardous waste management facilities conducting the second phase of the RCRA Corrective Action Program, a RCRA Facility Investigation (RFI). The purpose of a RFI is to obtain information to fully characterize nature, extent, and rate of migration of release of hazardous waste or constituents. An RFI also is conducted to interpret information and determine whether corrective measures may be necessary. Four-volume document.

(EPA/530-SW-89-031)

05/15/89

Order Number: PB89-200 299 Order Form: NTIS

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**RCRA Final Authorization Guidance Manual**

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Establishes a process and schedule for final authorization of state hazardous waste programs. Provides early review steps for state statutes, allowing time for necessary program changes.

(EPA/SW-862)

06/10/83

Order Number: PB87-155 057/AS Order Form: NTIS

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**RCRA Groundwater Monitoring Compliance Order Guidance**

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Guides state and regional enforcement officials in developing administrative orders to address RCRA groundwater monitoring violations at interim status land disposal facilities. Promotes the development of orders that correct interim status violations in a manner consistent with the permitting process.

08/01/85

Order Number: PB87-193 710 Order Form: NTIS



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### **RCRA Groundwater Monitoring Technical Enforcement Guidance Document (TEGD) (Final)**

Describes the essential components of a ground-water monitoring system to meet goals of RCRA. Assists enforcement officials, permit writers, field inspectors, and attorneys at federal and state levels regarding the adequacy of existing or proposed ground-water monitoring systems or modifications. (EPA/530-SW-86-055) 09/15/86

Order Number: PB87-107 751/AS Order Form: NTIS

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### **RCRA Guidance Document: Land Treatment**

Presents land treatment design and operating specifications that comply with appropriate sections of regulations. Topics include treatment demonstration requirements, design and operating requirements, unsaturated zone monitoring requirements, and closure and postclosure requirements. 10/06/82

Order Number: PB87-155 065/AS Order Form: NTIS

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### **RCRA Guidance Document: Landfill Design, Liner Systems, and Final Cover; Draft**

Presents landfill design specifications that comply with pertinent regulations aimed at eliminating the escape of leachate from landfills. Requires landfills to come as close to total containment as possible during the operating life of a facility. After closure, leachate formation and escape is minimized as best achieved by current technology. 07/01/82

Order Number: PB87-157 657/AS Order Form: NTIS

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### **RCRA Guidance Document: Surface Impoundments, Liner Systems, Final Cover, and Free Board Control; Draft**

Provides technical guidance for surface impoundment liner systems, final cover, and freeboard control. 11/15/86

Order Number: PB87-157 665/AS Order Form: NTIS

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### **RCRA Guidance Manual for Subpart G Closure and Postclosure Care Standards and Subpart H Cost Estimating Requirements**

Assists regions and states with implementation of closure and postclosure care and cost estimate regulations. Helps owners and operators prepare plans and cost estimates to satisfy regulations. Discusses site-specific factors that may affect closure and postclosure care activities and provides closure and postclosure checklists to assist in preparing and reviewing plans. (EPA/530-SW-87-010) 01/15/87

Order Number: PB87-158 978/AS Order Form: NTIS

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### **RCRA Implementation Plan (RIP): Fiscal Year 1987**

Provides guidance to regions and states for implementing RCRA Subtitle C Program in FY 1987. Identifies priorities such as permitting land disposal facilities by the statutory deadline, ensuring proper closure of facilities, enforcing against ground-water monitoring violators, permitting of new treatment and RD&D units, and conducting required inspections. (EPA/OSWER9420.00-1) 05/19/86

Order Number: PB87-157 673/AS Order Form: NTIS

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### **RCRA Implementation Plan (RIP): Fiscal Year 1988**

Provides guidance on implementing RCRA Subtitle C program and provides framework for determining priorities at national and state levels. Identifies the priorities necessary to meet 1988 and 1989 permitting deadlines, to process permit modifications, new treatment and R&D unit permits, to address environmentally significant closures, and to perform inspections as mandated by statute and Agency policy. (EPA/530-SW-91-039) 03/31/87

Order Number: PB91-156 679 Order Form: NTIS

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### **RCRA Implementation Plan (RIP): Fiscal Year 1989**

Outlines EPA's environmental program for FY 1989. Provides guidance on implementing RCRA Subtitle C program and provides framework for determining priorities based on environmental benefits. (EPA/530-SW-91-040) 04/05/88

Order Number: PB91-156 687 Order Form: NTIS



### **RCRA Implementation Plan (RIP): Fiscal Year 1990**

Outlines EPA's environmental program for FY 1990. Provides an overview of the Agency's national program strategies and priorities for permitting, enforcement, cleanup, and other activities for FY 1990. Includes activities in the Strategic Planning and Management System.

(EPA/530-SW-91-041) 04/15/89

Order Number: PB91-156 695 Order Form: NTIS

### **RCRA Implementation Plan (RIP): Fiscal Year 1991**

Outlines EPA's environmental program for FY 1991. Provides an overview of the main objectives of EPA's national programs and initiatives to prevent pollution, improve management, strengthen enforcement, foster greater public involvement, and bolster science.

(EPA/530-SW-91-042) 04/15/90

Order Number: PB91-211 839 Order Form: NTIS

### **RCRA Implementation Plan (RIP): Fiscal Year 1992**

Provides an overview of the main objectives of the national RCRA solid and hazardous waste management program. Identifies the priority activities tracked in the Strategic Targeted Activities for Results (STARS), and addresses resource allocations for the upcoming fiscal year.

(EPA/530-SW-91-023) 05/15/91

Order Number: PB91-211 813 Order Form: NTIS

### **RCRA Implementation Plan (RIP): Fiscal Year 1993**

Sets forth RCRA priority activities and measures for its solid and hazardous waste management program. Updates the 1992 version by incorporating many changes and clarifications that states have suggested.

4/15/92

Order Number: EPA/530-R-92-017 Order Form: OSW

### **RCRA Inspection Manual**

Provides procedural and technical guidance for performing inspections of facilities regulated by RCRA pre-inspection, inspection, and post-inspection procedures.

(EPA/530-SW-89-068) 03/15/88

Order Number: PB89-208 169/AS Order Form: NTIS

### **RCRA Liability Coverage for Bodily Injury and Property Damage Survey Results**

Presents results of the 1988 survey of facilities required to comply with third party liability coverage requirements for bodily injury and property damage pursuant to RCRA. Determines whether firms owning or operating RCRA facilities that treat, store, or dispose of hazardous wastes, encounter difficulty in obtaining financial assurance mechanisms to comply with requirements.

(EPA/530-SW-89-043) 09/15/89

Order Number: PB90-113 945 Order Form: NTIS

### **RCRA Orientation Manual: 1990 Edition**

Provides introductory information on solid and hazardous waste management programs under the Resource Conservation and Recovery Act (RCRA). Written for those unfamiliar with RCRA, outlines basic framework of regulatory program for new EPA and state employees, those new to RCRA, and others interested in the Act. Updates original manual issued in 1986.

(EPA/530-SW-90-036) 08/01/90

Order Number: 055-000-00364-5 Order Form: GPO

### **RCRA Permit Policy Compendium (Complete Set)**

Provides a reference for regional and state permit writers on permitting policies and procedures. This 11-volume series includes a Users' Guide, key word index, reference memoranda, letters, Office of Solid Waste and Emergency Response (OSWER) directives, and RCRA/Superfund Hotline monthly summaries. Documents are organized chronologically within subject categories. Originally compiled in 1985, updated compendium includes documents issued through September 1990.

(EPA/530-SW-91-062) 08/15/91

Order Number: PB92-111 707 Order Form: NTIS



### **RCRA Permit Policy Compendium Update Package; Revision I**

Provides references for regional and state permit writers on permitting policies and procedures. Update package includes entire new Volume 1, Users' Guide and Key Word Index; plus reference memoranda, letters, Office of Solid Waste and Emergency Response (OSWER) Directives, and RCRA/Superfund Hotline monthly summaries from October 1, 1990, through December 31, 1991. The documents are separated by the original index volume numbers (2-11) and numbered so as to be inserted at the end of the appropriate sections within each volume. The update package also includes new spines and covers for the existing binders and the new index on computer disk.

(EPA/530-R-92-018) 04/15/92

Order Number: PB92-182 518 Order Form: NTIS

### **RCRA Permit Policy Compendium, Volume 1: User's Guide, Keyword Index**

Assists user in identifying and locating relevant documents in RCRA Permit Policy Compendium through key word index. Lists documents relevant to topic, identified by title, document number, and date. Groups related topics and cross references topics that may be relevant. Summaries of documents that had been included in original Compendium have been deleted. Index also available on 3-1/2" diskette using Dbase III Plus.

(EPA/530-SW-91-062A) 08/15/91

Order Number: PB92-111 715 Order Form: NTIS

### **RCRA Permit Policy Compendium, Volume 2 (9420.1980 - 9434.1990): Hazardous Waste Management System (Part 260) - General, Definitions, Petitions**

Compiles related OSWER directives dealing with RCRA permit policy. Includes RCRA/Superfund Hotline monthly summaries, letters, memos, and responses to Hazardous Waste Management Systems topics. Correspondence from 1984-1989 is organized chronologically within subject categories.

(EPA/530-SW-91-062B) 08/15/91

Order Number: PB92-111 723 Order Form: NTIS

### **RCRA Permit Policy Compendium, Volume 3 (9441.1980 - 9441.1986): Identification and Listing of Hazardous Waste (Part 261) - General**

Compiles related OSWER directives dealing with RCRA permit policy. Includes RCRA/Superfund Hotline monthly summaries, letters, memos, and responses to identification and listing of hazardous waste topics. Correspondence from 1980-1986, organized chronologically within subject categories.

(EPA/530-SW-91-062C) 08/15/91

Order Number: PB92-111 731 Order Form: NTIS

### **RCRA Permit Policy Compendium, Volume 4 (9441.1987 - 9441.1990): Identification and Listing of Hazardous Waste (Part 261) - General**

Compiles related OSWER directives dealing with RCRA permit policy. Includes RCRA/Superfund Hotline monthly summaries, letters, memos, and responses to identification and listing of hazardous waste topics. Correspondence from 1987-1990 is organized chronologically within subject categories.

(EPA/530-SW-91-062D) 08/15/91

Order Number: PB92-111 749 Order Form: NTIS

### **RCRA Permit Policy Compendium, Volume 5 (9442.1980 - 9444.1986): Identification and Listing of Hazardous Waste (Part 261) - Criteria for Identifying Hazardous Waste, Characteristics of Hazardous Waste, Lists of Hazardous Waste**

Compiles related OSWER directives dealing with RCRA permit policy. Includes RCRA/Superfund Hotline monthly summaries, letters, memos, and responses to identification and listing of hazardous waste topics. Correspondence from 1983-1986 is organized chronologically within subject categories.

(EPA/530-SW-91-062E) 08/15/91

Order Number: PB92-111 756 Order Form: NTIS



**RCRA Permit Policy Compendium, Volume 6 (9444.1987 - 9457.1990): Identification and Listing of Hazardous Waste (Part 261) - Lists of Hazardous Waste (Con't.); Generator Standards (Part 262) - General, Pretransportation, Recordkeeping, Special Conditions, Importing**

Compiles related OSWER directives dealing with RCRA permit policy. Includes RCRA/Superfund Hotline monthly summaries, letters, memos, and responses to identification and listing of hazardous waste topics. Correspondence from 1984-1990 is organized chronologically within subject categories.

(EPA/530-SW-91-062F)

08/15/91

Order Number: PB92-111 764

Order Form: NTIS

**RCRA Permit Policy Compendium, Volume 7 (9460.1980 - 9482.1990): Transporter Standards (Part 263) - Manifests, Recordkeeping; Treatment, Storage, and Disposal Facilities (TSDFs) (Parts 264 and 265) - Standards, Preparedness and Prevention, Contingency Plan, Manifests/Recordkeeping, Closure/Post Closure, Financial Responsibility; TSDF Technical Requirements (Parts 264 and 265) - Groundwater Standards, Management of Containers**

Compiles related OSWER directives dealing with RCRA permit policy. Includes RCRA/Superfund Hotline monthly summaries, letters, memos, and responses to transporter standards, contingency plans, TSDF technical requirements, ground-water standards, management of containers, and more. Correspondence from 1983-1990 is organized chronologically within subject categories.

(EPA/530-SW-91-062G)

08/15/91

Order Number: PB92-111 772

Order Form: NTIS

**RCRA Permit Policy Compendium, Volume 8 (9483.1980 - 9489.1990): TSDF Technical Requirements (Parts 264 and 265) - Tanks, Surface Impoundments, Waste Piles, Land Treatment, Landfills, Incinerators, Miscellaneous Units**

Compiles related OSWER directives dealing with RCRA permit policy. Includes RCRA/Superfund Hotline monthly summaries, letters, memos, and responses to TSDF technical requirements, tanks, surface impoundments, waste piles, land treatment, landfills, incinerators, and miscellaneous units. Correspondence from 1983-1990 is organized chronologically within subject categories.

(EPA/530-SW-91-062H)

08/15/91

Order Number: PB92-111 780

Order Form: NTIS

**RCRA Permit Policy Compendium, Volume 9 (9490.1980 - 9521.1990): Standards for Managing Specific Hazardous Wastes (Part 266) - Recyclable Materials, Waste Burned for Energy Recovery; Permitting Policies - Priorities, Corrective Action, Special Permitting, Compliance and Enforcement, Public Participation; Permitting Procedures (Parts 124 and 270) - General**

Compiles related OSWER directives dealing with RCRA permit policy. Includes RCRA/Superfund Hotline monthly summaries, letters, memos, and responses to standards for managing specific wastes, permitting policies, and permitting procedures. Correspondence from 1982-1990 is organized chronologically within subject categories.

(EPA/530-SW-91-062I)

08/15/91

Order Number: PB92-111 798

Order Form: NTIS

**RCRA Permit Policy Compendium, Volume 10 (9522.1980 - 9528.1990): Permitting Procedures (Parts 124 and 270) - Applications, Conditions, Changes, Interim Status**

Compiles related OSWER directives dealing with RCRA permit policy. Includes RCRA/Superfund Hotline monthly summaries, letters, memos, and responses to permitting procedures, including applications, conditions, changes, and interim status. Correspondence from 1984-1990 is organized chronologically within subject categories.

(EPA/530-SW-91-062J)

08/15/91

Order Number: PB92-111 806

Order Form: NTIS



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**RCRA Permit Policy Compendium, Volume 11 (9530.1980 - 9581.1990): Air Emission Standards; State Authorization (Part 271); Land Disposal Restrictions (Part 268); Waste Minimization; Subtitle D - Mining Wastes, State Programs, Municipal Waste Combustion, Household Hazardous Waste; RCRA Grant Funds**

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Compiles related OSWER directives dealing with RCRA permit policy. Includes RCRA/Superfund Hotline monthly summaries, letters, memos, and responses to permitting procedures, including applications, conditions, changes, and interim status. Correspondence from 1984-1990 is organized chronologically within subject categories.

08/15/91

Order Number: PB92-111-814      Order Form: NTIS

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**RCRA Permit Quality Protocol; Draft**

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Assists permit writers in drafting or reviewing hazardous waste facility permits. Provides checklist of permit conditions, technical and enforceability evaluation for criteria and guidance. Used to help evaluate completeness and adequacy of Administrative Record in support of permit conditions.

(EPA/530-SW-90-050)      09/15/88

Order Number: PB90-211-004      Order Form: NTIS

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**RCRA Personnel Training Guidance for Owners or Operators of Hazardous Waste Management Facilities**

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Provides guidance to owners and operators or other facility personnel concerning the design and implementation of personnel training programs. Information provided concerns generating training programs with specific recommendations made concerning training modules appropriate to hazardous waste management training.

(EPA/SW-915)      09/01/80

Order Number: PB87-193-348      Order Form: NTIS

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**RCRA/Superfund Monthly Hotline Report, 1982 (Complete Set)**

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Contains significant and frequently asked questions. Summarizes the number of requests and describes hotline staff projects. For specific question topics, see: RCRA/Superfund Monthly Hotline Report: 1982-1990 Index

(EPA/530-SW-82-001)      12/15/82

Order Number: PB92-130-129      Order Form: NTIS

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**RCRA/Superfund Monthly Hotline Report, June 1982**

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(EPA/530-SW-82-001A)      06/15/82

Order Number: PB92-130-137      Order Form: NTIS

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**RCRA/Superfund Monthly Hotline Report, July 1982**

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(EPA/530-SW-82-001B)      07/15/82

Order Number: PB92-130-145      Order Form: NTIS

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**RCRA/Superfund Monthly Hotline Report, August 1982**

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(EPA/530-SW-82-001C)      08/15/82

Order Number: PB92-130-152      Order Form: NTIS

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**RCRA/Superfund Monthly Hotline Report, September 1982**

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(EPA/530-SW-82-001D)      09/15/82

Order Number: PB92-130-160      Order Form: NTIS

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**RCRA/Superfund Monthly Hotline Report, October 1982**

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(EPA/530-SW-82-001E)      10/15/82

Order Number: PB92-130-178      Order Form: NTIS

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**RCRA/Superfund Monthly Hotline Report, November 1982**

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(EPA/530-SW-82-001F)      11/15/82

Order Number: PB92-130-186      Order Form: NTIS

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**RCRA/Superfund Monthly Hotline Report, December 1982**

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(EPA/530-SW-82-001G)      12/15/82

Order Number: PB92-130-194      Order Form: NTIS



### **RCRA/Superfund Monthly Hotline Report, 1983 (Complete Set)**

Contains significant and frequently asked questions. Summarizes the number of requests and describes hotline staff projects. Also lists new Federal Registers. For specific question topics, see: RCRA/Superfund Monthly Hotline Report: 1982-1990 Index (EPA/530-SW-91-094)

(EPA/530-SW-83-001) 12/15/83  
Order Number: PB92-130 202 Order Form: NTIS

### **RCRA/Superfund Monthly Hotline Report, January 1983**

(EPA/530-SW-83-001A) 01/15/83  
Order Number: PB92-130 210 Order Form: NTIS

### **RCRA/Superfund Monthly Hotline Report, February 1983**

(EPA/530-SW-83-001B) 02/15/83  
Order Number: PB92-130 228 Order Form: NTIS

### **RCRA/Superfund Monthly Hotline Report, March 1983**

(EPA/530-SW-83-001C) 03/15/83  
Order Number: PB92-130 236 Order Form: NTIS

### **RCRA/Superfund Monthly Hotline Report, April 1983**

(EPA/530-SW-83-001D) 04/15/83  
Order Number: PB92-130 244 Order Form: NTIS

### **RCRA/Superfund Monthly Hotline Report, May 1983**

(EPA/530-SW-83-001E) 05/15/83  
Order Number: PB92-130 251 Order Form: NTIS

### **RCRA/Superfund Monthly Hotline Report, June 1983**

(EPA/530-SW-83-001F) 06/15/83  
Order Number: PB92-130 269 Order Form: NTIS

### **RCRA/Superfund Monthly Hotline Report, July 1983**

(EPA/530-SW-83-001G) 07/15/83  
Order Number: PB92-130 277 Order Form: NTIS

### **RCRA/Superfund Monthly Hotline Report, August 1983**

(EPA/530-SW-83-001H) 08/15/83  
Order Number: PB92-130 285 Order Form: NTIS

### **RCRA/Superfund Monthly Hotline Report, September 1983**

(EPA/530-SW-83-001I) 09/15/83  
Order Number: PB92-130 293 Order Form: NTIS

### **RCRA/Superfund Monthly Hotline Report, October 1983**

(EPA/530-SW-83-001J) 10/15/83  
Order Number: PB92-130 301 Order Form: NTIS

### **RCRA/Superfund Monthly Hotline Report, November 1983**

(EPA/530-SW-83-001K) 11/15/83  
Order Number: PB92-130 319 Order Form: NTIS

### **RCRA/Superfund Monthly Hotline Report, December 1983**

(EPA/530-SW-83-001L) 12/15/83  
Order Number: PB92-130 327 Order Form: NTIS

### **RCRA/Superfund Monthly Hotline Report, 1984 (Complete Set)**

Contains significant and frequently asked questions. Includes new publications, *Federal Register* summaries, and call analyses. For specific topics, see: RCRA/Superfund Monthly Hotline Report: 1982-1990 Index (EPA/530-SW-91-094).

(EPA/530-SW-84-017) 12/15/84  
Order Number: PB92-130 335 Order Form: NTIS



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### **RCRA/Superfund Monthly Hotline Report, January 1984**

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|----------------------------|------------------|
| (EPA/530-SW-84-017A)       | 01/15/84         |
| Order Number: PB92-130-343 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, February 1984**

|                            |                  |
|----------------------------|------------------|
| (EPA/530-SW-84-017B)       | 02/15/84         |
| Order Number: PB92-130-350 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, March 1984**

|                            |                  |
|----------------------------|------------------|
| (EPA/530-SW-84-017C)       | 03/15/84         |
| Order Number: PB92-130-368 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, April 1984**

|                            |                  |
|----------------------------|------------------|
| (EPA/530-SW-84-017D)       | 04/15/84         |
| Order Number: PB92-130-376 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, May 1984**

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|----------------------------|------------------|
| (EPA/530-SW-84-017E)       | 05/15/84         |
| Order Number: PB92-130-384 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, June 1984**

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|----------------------------|------------------|
| (EPA/530-SW-84-017F)       | 06/15/84         |
| Order Number: PB92-130-392 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, July 1984**

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|----------------------------|------------------|
| (EPA/530-SW-84-017G)       | 07/15/84         |
| Order Number: PB92-130-400 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, August 1984**

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|----------------------------|------------------|
| (EPA/530-SW-84-017H)       | 08/15/84         |
| Order Number: PB92-130-418 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, September 1984**

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|----------------------------|------------------|
| (EPA/530-SW-84-017I)       | 09/15/84         |
| Order Number: PB92-130-426 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, October 1984**

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|----------------------------|------------------|
| (EPA/530-SW-84-017J)       | 10/15/84         |
| Order Number: PB92-130-434 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, November 1984**

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|----------------------------|------------------|
| (EPA/530-SW-84-017K)       | 11/15/84         |
| Order Number: PB92-130-442 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, December 1984**

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|----------------------------|------------------|
| (EPA/530-SW-84-017L)       | 12/15/84         |
| Order Number: PB92-130-459 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, 1985 (Complete Set)**

Contains significant and frequently asked questions. Includes new publications, *Federal Register* summaries, and call analyses. Summarizes Hotline activities along with activities at Superfund Information Services in Region 2 and Region 9. For specific topics, see: RCRA/Superfund Monthly Hotline Report: 1982-1990 Index (EPA/530-SW-91-094).

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|----------------------------|------------------|
| (EPA/530-SW-85-036)        | 12/15/85         |
| Order Number: PB92-130-467 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, January 1985**

|                            |                  |
|----------------------------|------------------|
| (EPA/530-SW-85-036A)       | 01/15/85         |
| Order Number: PB92-130-475 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, February 1985**

|                            |                  |
|----------------------------|------------------|
| (EPA/530-SW-85-036B)       | 02/15/85         |
| Order Number: PB92-130-483 | Order Form: NTIS |


**RCRA/Superfund Monthly Hotline Report,  
March 1985**

(EPA/530-SW-85-036C) 03/15/85  
Order Number: PB92-130 491 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
April 1985**

(EPA/530-SW-85-036D) 04/15/85  
Order Number: PB92-130 509 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
May 1985**

(EPA/530-SW-85-036E) 05/15/85  
Order Number: PB92-130 517 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
June 1985**

(EPA/530-SW-85-036F) 06/15/85  
Order Number: PB92-130 525 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
July 1985**

(EPA/530-SW-85-036G) 07/15/85  
Order Number: PB92-130 533 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
August 1985**

(EPA/530-SW-85-036H) 08/15/85  
Order Number: PB92-130 541 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
September 1985**

(EPA/530-SW-85-036I) 09/15/85  
Order Number: PB92-130 558 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
October 1985**

(EPA/530-SW-85-036J) 10/15/85  
Order Number: PB92-130 566 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
November 1985**

(EPA/530-SW-85-036K) 11/15/85  
Order Number: PB92-130 574 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
December 1985**

(EPA/530-SW-85-036L) 12/15/85  
Order Number: PB92-130 582 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
1986 (Complete Set)**

Contains significant and frequently asked questions. Includes new publications, *Federal Register* summaries, and call analyses. Summarizes Hotline activities. For specific topics, see: RCRA/Superfund Monthly Hotline Report: 1982-1990 Index (EPA/530-SW-91-094).

(EPA/530-SW-86-062) 12/15/86  
Order Number: PB92-130 590 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
January 1986**

(EPA/530-SW-86-062A) 01/15/86  
Order Number: PB92-130 608 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
February 1986**

(EPA/530-SW-86-062B) 02/15/86  
Order Number: PB92-130 616 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
March 1986**

(EPA/530-SW-86-062C) 03/15/86  
Order Number: PB92-130 624 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
April 1986**

(EPA/530-SW-86-062D) 04/15/86  
Order Number: PB92-130 632 Order Form: NTIS



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### **RCRA/Superfund Monthly Hotline Report, May 1986**

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|----------------------------|------------------|
| (EPA/530-SW-86-062E)       | 05/15/86         |
| Order Number: PB92-130 640 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, June 1986**

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|----------------------------|------------------|
| (EPA/530-SW-86-062F)       | 06/15/86         |
| Order Number: PB92-130 657 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, July 1986**

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|----------------------------|------------------|
| (EPA/530-SW-86-062G)       | 07/15/86         |
| Order Number: PB92-130 665 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, August 1986**

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|----------------------------|------------------|
| (EPA/530-SW-86-062H)       | 08/15/86         |
| Order Number: PB92-130 673 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, September 1986**

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|----------------------------|------------------|
| (EPA/530-SW-86-062I)       | 09/15/86         |
| Order Number: PB92-130 681 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, October 1986**

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|----------------------------|------------------|
| (EPA/530-SW-86-062J)       | 10/15/86         |
| Order Number: PB92-130 699 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, November 1986**

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|----------------------------|------------------|
| (EPA/530-SW-86-062K)       | 11/15/86         |
| Order Number: PB92-130 707 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, December 1986**

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|----------------------------|------------------|
| (EPA/530-SW-86-062L)       | 12/15/86         |
| Order Number: PB92-130 715 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, 1987 (Complete Set)**

Contains significant and frequently asked questions. Includes new publications, *Federal Register* summaries, and call analyses. Summarizes Hotline activities. For specific topics, see: RCRA/Superfund Monthly Hotline Report: 1982-1990 Index (EPA/530-SW-91-094).

|                            |                  |
|----------------------------|------------------|
| (EPA/530-SW-87-032)        | 12/15/87         |
| Order Number: PB92-130 723 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, January 1987**

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|----------------------------|------------------|
| (EPA/530-SW-87-032A)       | 01/15/87         |
| Order Number: PB92-130 731 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, February 1987**

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|----------------------------|------------------|
| (EPA/530-SW-87-032B)       | 02/15/87         |
| Order Number: PB92-130 749 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, March 1987**

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|----------------------------|------------------|
| (EPA/530-SW-87-032C)       | 03/15/87         |
| Order Number: PB92-130 756 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, April 1987**

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|----------------------------|------------------|
| (EPA/530-SW-87-032D)       | 04/15/87         |
| Order Number: PB92-130 764 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, May 1987**

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|----------------------------|------------------|
| (EPA/530-SW-87-032E)       | 05/15/87         |
| Order Number: PB92-130 772 | Order Form: NTIS |

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### **RCRA/Superfund Monthly Hotline Report, June 1987**

|                            |                  |
|----------------------------|------------------|
| (EPA/530-SW-87-032F)       | 06/15/87         |
| Order Number: PB92-130 780 | Order Form: NTIS |


**RCRA/Superfund Monthly Hotline Report,  
July 1987**

(EPA/530-SW-87-032G) 07/15/87  
 Order Number: PB92-130 798 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
August 1987**

(EPA/530-SW-87-032H) 08/15/87  
 Order Number: PB92-130 806 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
September 1987**

(EPA/530-SW-87-032I) 09/15/87  
 Order Number: PB92-130 814 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
October 1987**

(EPA/530-SW-87-032J) 10/15/87  
 Order Number: PB92-130 822 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
November 1987**

(EPA/530-SW-87-032K) 11/15/87  
 Order Number: PB92-130 830 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
December 1987**

(EPA/530-SW-87-032L) 12/15/87  
 Order Number: PB92-130 848 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
1988 (Complete Set)**

Contains significant and frequently asked questions. Includes new publications, *Federal Register* summaries, and call analyses. Summarizes Hotline activities. For specific topics, see: RCRA/Superfund Monthly Hotline Report: 1982-1990 Index (EPA/530-SW-91-094).

(EPA/530-SW-88-056) 12/15/88  
 Order Number: PB92-130 855 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
January 1988**

(EPA/530-SW-88-056A) 01/15/88  
 Order Number: PB92-130 863 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
February 1988**

(EPA/530-SW-88-056B) 02/15/88  
 Order Number: PB92-130 871 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
March 1988**

(EPA/530-SW-88-056C) 03/15/88  
 Order Number: PB92-130 889 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
April 1988**

(EPA/530-SW-88-056D) 04/15/88  
 Order Number: PB92-130 897 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
May 1988**

(EPA/530-SW-88-056E) 05/15/88  
 Order Number: PB92-130 905 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
June 1988**

(EPA/530-SW-88-056F) 06/15/88  
 Order Number: PB92-130 913 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
July 1988**

(EPA/530-SW-88-056G) 07/15/88  
 Order Number: PB92-130 921 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
August 1988**

(EPA/530-SW-88-056H) 08/15/88  
 Order Number: PB92-130 939 Order Form: NTIS



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**RCRA/Superfund Monthly Hotline Report,  
September 1988**

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|----------------------------|------------------|
| (EPA/530-SW-88-056I)       | 09/15/88         |
| Order Number: PB92-130 947 | Order Form: NTIS |

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**RCRA/Superfund Monthly Hotline Report,  
October 1988**

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|----------------------------|------------------|
| (EPA/530-SW-88-056J)       | 10/15/88         |
| Order Number: PB92-130 954 | Order Form: NTIS |

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**RCRA/Superfund Monthly Hotline Report,  
November 1988**

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|----------------------------|------------------|
| (EPA/530-SW-88-056K)       | 11/15/88         |
| Order Number: PB92-130 962 | Order Form: NTIS |

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**RCRA/Superfund Monthly Hotline Report,  
December 1988**

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|                            |                  |
|----------------------------|------------------|
| (EPA/530-SW-88-056L)       | 12/15/88         |
| Order Number: PB92-130 970 | Order Form: NTIS |

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**RCRA/Superfund Monthly Hotline Report,  
1989 (Complete Set)**

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Contains significant and frequently asked questions. Includes new publications, *Federal Register* summaries, and call analyses. Summarizes Hotline activities. For specific topics, see: RCRA/Superfund Monthly Hotline Report: 1982-1990 Index (EPA/530-SW-91-094).

|                            |                  |
|----------------------------|------------------|
| (EPA/530-SW-89-075)        | 12/15/89         |
| Order Number: PB92-130 988 | Order Form: NTIS |

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**RCRA/Superfund Monthly Hotline Report,  
January 1989**

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|                            |                  |
|----------------------------|------------------|
| (EPA/530-SW-89-075A)       | 01/15/89         |
| Order Number: PB92-130 996 | Order Form: NTIS |

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**RCRA/Superfund Monthly Hotline Report,  
February 1989**

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|                            |                  |
|----------------------------|------------------|
| (EPA/530-SW-89-075B)       | 02/15/89         |
| Order Number: PB92-131 002 | Order Form: NTIS |

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**RCRA/Superfund Monthly Hotline Report,  
March 1989**

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|                            |                  |
|----------------------------|------------------|
| (EPA/530-SW-89-075C)       | 03/15/89         |
| Order Number: PB92-131 010 | Order Form: NTIS |

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**RCRA/Superfund Monthly Hotline Report,  
April 1989**

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|                            |                  |
|----------------------------|------------------|
| (EPA/530-SW-89-075D)       | 04/15/89         |
| Order Number: PB92-131 028 | Order Form: NTIS |

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**RCRA/Superfund Monthly Hotline Report,  
May 1989**

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|----------------------------|------------------|
| (EPA/530-SW-89-075E)       | 05/15/89         |
| Order Number: PB92-131 036 | Order Form: NTIS |

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**RCRA/Superfund Monthly Hotline Report,  
June 1989**

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|                            |                  |
|----------------------------|------------------|
| (EPA/530-SW-89-075F)       | 06/15/89         |
| Order Number: PB92-131 044 | Order Form: NTIS |

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**RCRA/Superfund Monthly Hotline Report,  
July 1989**

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|                            |                  |
|----------------------------|------------------|
| (EPA/530-SW-89-075G)       | 07/15/89         |
| Order Number: PB92-131 051 | Order Form: NTIS |

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**RCRA/Superfund Monthly Hotline Report,  
August 1989**

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|                            |                  |
|----------------------------|------------------|
| (EPA/530-SW-89-075H)       | 08/15/89         |
| Order Number: PB92-131 069 | Order Form: NTIS |

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**RCRA/Superfund Monthly Hotline Report,  
September 1989**

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|                            |                  |
|----------------------------|------------------|
| (EPA/530-SW-89-075I)       | 09/15/89         |
| Order Number: PB92-131 077 | Order Form: NTIS |

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**RCRA/Superfund Monthly Hotline Report,  
October 1989**

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|----------------------------|------------------|
| (EPA/530-SW-89-075J)       | 10/15/89         |
| Order Number: PB92-131 085 | Order Form: NTIS |


**RCRA/Superfund Monthly Hotline Report,  
November 1989**

(EPA/530-SW-89-075K) 11/15/89  
*Order Number: PB92-131 093 Order Form: NTIS*

**RCRA/Superfund Monthly Hotline Report,  
December 1989**

(EPA/530-SW-89-075L) 12/15/89  
*Order Number: PB92-131 101 Order Form: NTIS*

**RCRA/Superfund Monthly Hotline Report,  
1990 (Complete Set)**

Contains significant and frequently asked questions. Includes new publications, *Federal Register* summaries, and call analyses. Summarizes Hotline activities. For specific topics, see: RCRA/Superfund Monthly Hotline Report: 1982-1990 Index (EPA/530-SW-91-094).

(EPA/530-SW-90-090) 12/15/90  
*Order Number: PB92-131 119 Order Form: NTIS*

**RCRA/Superfund Monthly Hotline Report,  
January 1990**

(EPA/530-SW-90-090A) 01/15/90  
*Order Number: PB92-131 127 Order Form: NTIS*

**RCRA/Superfund Monthly Hotline Report,  
February 1990**

(EPA/530-SW-90-090B) 02/15/90  
*Order Number: PB92-131 135 Order Form: NTIS*

**RCRA/Superfund Monthly Hotline Report,  
March 1990**

(EPA/530-SW-90-090C) 03/15/90  
*Order Number: PB92-131 143 Order Form: NTIS*

**RCRA/Superfund Monthly Hotline Report,  
April 1990**

(EPA/530-SW-90-090D) 04/15/90  
*Order Number: PB92-131 150 Order Form: NTIS*

**RCRA/Superfund Monthly Hotline Report,  
May 1990**

(EPA/530-SW-90-090E) 05/15/90  
*Order Number: PB92-131 168 Order Form: NTIS*

**RCRA/Superfund Monthly Hotline Report,  
June 1990**

(EPA/530-SW-90-090F) 06/15/90  
*Order Number: PB92-131 176 Order Form: NTIS*

**RCRA/Superfund Monthly Hotline Report,  
July 1990**

(EPA/530-SW-90-090G) 07/15/90  
*Order Number: PB92-131 184 Order Form: NTIS*

**RCRA/Superfund Monthly Hotline Report,  
August 1990**

(EPA/530-SW-90-090H) 08/15/90  
*Order Number: PB92-131 192 Order Form: NTIS*

**RCRA/Superfund Monthly Hotline Report,  
September 1990**

(EPA/530-SW-90-090I) 09/15/90  
*Order Number: PB92-131 200 Order Form: NTIS*

**RCRA/Superfund Monthly Hotline Report,  
October 1990**

(EPA/530-SW-90-090J) 10/15/90  
*Order Number: PB92-131 218 Order Form: NTIS*

**RCRA/Superfund Monthly Hotline Report,  
November 1990**

(EPA/530-SW-90-090K) 11/15/90  
*Order Number: PB92-131 226 Order Form: NTIS*

**RCRA/Superfund Monthly Hotline Report,  
December 1990**

(EPA/530-SW-90-090L) 12/15/90  
*Order Number: PB92-131 234 Order Form: NTIS*

**RCRA/Superfund Monthly Hotline Report,  
1991 (Complete Set)**

Contains significant and frequently asked questions. Includes new publications, *Federal Register* summaries, and call analyses. For specific topics, see: RCRA/Superfund Monthly Hotline Report: 1991 Index (EPA/530-SW-91-093M).

(EPA/530-SW-91-093) 12/15/91

Order Number: PB92-131 242 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
January 1991**

(EPA/530-SW-91-093A) 01/15/91

Order Number: PB92-131 259 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
February 1991**

(EPA/530-SW-91-093B) 02/15/91

Order Number: PB92-131 267 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
March 1991**

(EPA/530-SW-91-093C) 03/15/91

Order Number: PB92-131 275 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
April 1991**

(EPA/530-SW-91-093D) 04/15/91

Order Number: PB92-131 283 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
May 1991**

(EPA/530-SW-91-093E) 05/15/91

Order Number: PB92-131 291 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
June 1991**

(EPA/530-SW-91-093F) 06/15/91

Order Number: PB92-131 309 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
July 1991**

(EPA/530-SW-91-093G) 07/15/91

Order Number: PB92-131 317 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
August 1991**

(EPA/530-SW-91-093H) 08/15/91

Order Number: PB92-131 325 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
September 1991**

(EPA/530-SW-91-093I) 09/15/91

Order Number: PB92-131 333 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
October 1991**

(EPA/530-SW-91-093J) 10/15/91

Order Number: PB92-131 341 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
November 1991**

(EPA/530-SW-91-093K) 11/15/91

Order Number: PB92-131 358 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Report,  
December 1991**

(EPA/530-SW-91-093L) 12/15/91

Order Number: PB92-131 366 Order Form: NTIS

**RCRA/Superfund Monthly Hotline Reports,  
1992 (Complete Set)**

Contains significant and frequently asked questions. Includes new publications, *Federal Register* summaries, and call analyses. Sold on a subscription basis by NTIS. Monthly issues also sold individually by NTIS. Refer to monthly hotline entries for NTIS numbers for individual issues.

(EPA/530-R-92-014) 12/15/92

Order Number: PB92-922 400 Order Form: NTIS



### **RCRA/Superfund Monthly Hotline Report, January 1992**

(EPA/530-R-92-014a) 01/15/92  
*Order Number: PB92-922 401 Order Form: NTIS*

### **RCRA/Superfund Monthly Hotline Report, February 1992**

(EPA/530-R-92-014b) 02/15/92  
*Order Number: PB92-922 402 Order Form: NTIS*

### **RCRA/Superfund Monthly Hotline Report, March 1992**

(EPA/530-R-92-014c) 03/15/92  
*Order Number: PB92-922 403 Order Form: NTIS*

### **RCRA/Superfund Monthly Hotline Report, April 1992**

(EPA/530-R-92-014d) 04/15/92  
*Order Number: PB92-922 404 Order Form: NTIS*

### **RCRA/Superfund Monthly Hotline Report, May 1992**

(EPA/530-R-92-014e) 05/15/92  
*Order Number: PB92-922 405 Order Form: NTIS*

### **RCRA/Superfund/OUST Hotline (Brochure)**

Describes the services of the RCRA/Superfund/OUST hotline which responds to inquiries from the public and the regulated community about regulations developed under the Solid Waste Disposal Act, as amended by the Hazardous and Solid Waste Amendments, and the Comprehensive Environmental Response, Compensation and Liability Act.

05/15/92

*Order Number: EPA/530-F-92-004 Order Form: OSW*

### **Reactivity Characteristic (40 CFR 261.23); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001**

Explains the Agency's definition of reactive wastes, discusses the comments received on the proposed definition of reactive waste, and the subsequent changes made.

05/01/80

*Order Number: PB81-184 988 Order Form: NTIS*

### **Recycle Today! Educational Materials for Grades K-12 (Brochure)**

Encourages children to recycle and conserve materials. Contains free educational materials (curriculum guide, how-to handbook, comic book, and poster). Available to teachers from kindergarten through 12th grade.

04/15/90

*Order Number: EPA/530-SW-90-025 Order Form: OSW*

### **Recycle: You Can Make a Ton of Difference (Brochure)**

Introduces the national recycling campaign by providing an overview of solid waste problems and recycling solutions.

04/15/92

*Order Number: EPA/530-F-92-003 Order Form: OSW*

### **Recycling in Federal Agencies**

Describes the rationale behind recycling and mentions various government agencies' recycling programs such as EPA's In-House Recycling Program, the GSA Federal Recycling Program, and Recycling in the National Parks. Describes various handbooks and publications available to federal offices and bureaus from EPA.

10/15/90

*Order Number: EPA/530-SW-90-082 Order Form: OSW*

### **Recycling Used Oil: 10 Steps to Change Your Oil**

Gives step-by-step advice about changing automobile oil and disposing of used oil by recycling. Provides an EPA information number for information about setting up local programs.

06/15/89

*Order Number: EPA/530-SW-89-039C Order Form: OSW*



### **Recycling Used Oil: For Service Stations and Other Vehicle-Service Facilities**

Instructs service station owners about recycling used automobile oil, with a list of seven suggestions. Includes the EPA Hotline number for recycling information.

06/15/89

Order Number: EPA/530-SW-89-039D Order Form: OSW

### **Recycling Used Oil: What Can You Do?**

Describes how used automobile oil can affect fresh water and pollute natural resources. Mentions statistics about recycling oil. For example, recycling used oil would save 1.3 million barrels per day in the United States. Step-by-step instructions for recycling used oil are given as well as an EPA information number for information about setting up local programs.

06/15/89

Order Number: EPA/530-SW-89-039B Order Form: OSW

### **Recycling Works! State and Local Solutions to Solid Waste Management Problems**

Examines the economic and environmental necessity for recovering, reusing, and recycling materials from MSW. Examples of state and municipal recycling programs now in place are described. Complete listing of state-level recycling offices, with addresses and phone numbers, is included.

01/15/89

Order Number: EPA/530-SW-89-014 Order Form: OSW

### **Regional Guidance Manual for Selected Interim Status Requirements (Draft)**

Assists regions in interpreting selected requirements from the Interim Status Standards for facilities managing hazardous waste. Provides background information and general guidance to aid permitting officials in evaluating responses to certain interim status regulations.

09/15/80

Order Number: PB87-194-130 Order Form: NTIS

### **Regulatory Analysis of RCRA Regulations**

Summarizes the regulatory alternatives considered and selected for RCRA Subtitle C Regulations and the impacts of the regulations. Presents 400 cases of harmful consequences from inadequate hazardous waste management.

04/30/80

Order Number: PB81-181-471 Order Form: NTIS

### **Regulatory Determination: Landfills and Surface Impoundments Receiving Pulp and Paper Mill Sludge**

Reports EPA conclusion that dioxin contained in pulp and paper mill sludges disposed of in landfills and surface impoundments does not pose unreasonable probability of adverse effects on human health and the environment. EPA concludes that further regulation of facilities to reduce potential dioxin-related risks is not warranted.

10/15/91

Order Number: EPA/530-SW-91-077 Order Form: OSW

### **Regulatory Impact Analysis for the Final Criteria for Municipal Solid Waste Landfills**

Analyzes EPA's revisions to Subtitle D criteria for municipal solid waste landfills. Evaluates hybrid approach relative to four regulatory alternatives in terms of costs, economic impacts, impacts on small entities, health risk, and resource damage.

(EPA/530-SW-91-073A)

12/15/90

Order Number: PB92-100-841 Order Form: NTIS

### **Regulatory Impact Analysis for the Proposed Rulemaking on Corrective Action for Solid Waste Management Units**

Reports results from the analysis performed in conjunction with the proposed rule to require corrective action for releases from solid waste management units at hazardous waste treatment, storage, and disposal facilities. Assesses impact of proposed rule on small businesses. Determines that rule will not have significant impact on substantial numbers of such businesses.

(EPA/530-SW-90-081)

06/25/90

Order Number: PB91-102-061 Order Form: NTIS

### **Report on Minimum Criteria to Assure Data Quality**

Discusses EPA Quality Assurance (QA) program to ensure that all data are scientifically valid, defensible, and of known precision and accuracy. In addition, data need to be of sufficient known quality to withstand scientific and legal challenge relating to the use for which the data were gathered.

12/12/89

Order Number: EPA/530-SW-90-021 Order Form: OSW



### **Report to Congress on Special Wastes from Mineral Processing: Summary and Findings**

Summarizes findings pertaining to special wastes from mineral processing. Includes sources and volumes of materials generated per year, present disposal and utilization practices, the potential danger to health and environment, documented and proved cases of danger to health and environment, alternatives to current disposal methods, costs of alternatives, impacts of alternatives on use of phosphate rock, uranium ore, and other natural resources, and current and potential uses of waste materials.

07/15/90

Order Number: EPA/530-SW-90-070B Order Form: OSW

### **Report to Congress on Special Wastes from Mineral Processing: Summary and Findings; Methods and Analyses; Appendices**

Examines RCRA waste exemption for mineral processing. Describes events in the rulemaking process and criteria used by EPA to exempt 20 special wastes from mineral processing operations. Reports sources and volumes of wastes, including present disposal practices, documented cases of danger, alternatives to current disposal methods, costs of alternatives, and impacts of alternatives on natural resources.

(EPA/530-SW-90-070C)

07/15/90

Order Number: PB90-258 492 Order Form: NTIS

### **Report to Congress on the Discharge of Hazardous Wastes to Publicly Owned Treatment Works (The Domestic Sewage Study)**

Evaluates impacts of waste discharged to publicly owned treatment works (POTWs) as result of Domestic Sewage Exclusion. Contributes to understanding of relationship between Clean Water Act, RCRA, and other environmental legislation, while underscoring importance of coordination at federal, state, and local level.

(EPA/530-SW-86-004)

02/07/86

Order Number: PB86-184 017/AS Order Form: NTIS

### **Report to Congress on the Minimization of Hazardous Wastes (Complete Set)**

Provides background on waste minimization and presents data and information on developing national waste minimization strategy. Reviews options available to encourage more waste minimization at federal level, including recommendations by EPA. Includes three volumes and appendices.

(EPA/530-SW-86-033)

10/15/86

Order Number: PB87-114 328 Order Form: NTIS

### **Report to Congress on the Minimization of Hazardous Wastes**

Provides background on waste minimization and presents data and information on developing a national waste minimization strategy. Reviews options available to encourage more waste minimization at federal level, including recommendations by EPA.

(EPA/530-SW-86-033A)

10/15/86

Order Number: PB87-114 336/AS Order Form: NTIS

### **Report to Congress on the Minimization of Hazardous Wastes; Appendices**

Presents analysis of impacts of waste minimization options, and explores circumstances and conditions that might be useful for meeting waste minimization objectives. Covers characteristics of each option including implementation, technical effectiveness, and impacts on industry. Provides general summary and recommendations.

(EPA/530-SW-86-033B)

10/15/86

Order Number: PB87-114 344 Order Form: NTIS

### **Report to Congress on Waste Minimization: Issues and Options; Volume I**

Identifies waste minimization practices by industry processes and by major waste stream. Describes factors that promote and inhibit adoption of waste minimization practices by industry and strategies by which waste minimization can be increased.

(EPA/530-SW-86-041)

10/15/86

Order Number: PB87-114 351/AS Order Form: NTIS



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### **Report to Congress on Waste Minimization: Issues and Options; Volume II**

Contains Appendix A, Data Bases Used in Study, and Appendix B, Process Studies.

(EPA/530-SW-86-042)

10/15/86

Order Number: PB87-114 369/AS Order Form: NTIS

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### **Report to Congress on Waste Minimization: Issues and Options; Volume III**

Contains Appendices C through K. Includes Recycling Technologies and Practices, Northeast Industrial Waste Exchange's On-Line Computer System, Conducting Project Profitability Analysis, EPA Definition of Solid Waste, Correspondence from EPA on waste minimization activities, Compilation of industrial waste reduction cases, EPA's Environmental Auditing Policy Statement, Descriptions of 11 state programs, and two proposed regulations on hazardous waste management by two counties in California.

(EPA/530-SW-86-043)

10/15/86

Order Number: PB87-114 377/AS Order Form: NTIS

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### **Report to Congress: EPA Activities and Accomplishments under the Resource Conservation and Recovery Act: Fiscal Years 1980-1985**

Describes regulatory development and implementation activities accomplished during 1980-1985. Documents the development of RCRA regulatory programs.

(EPA/530-SW-86-027)

07/15/86

Order Number: PB86-232 154 Order Form: NTIS

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### **Report to Congress: EPA Activities and Accomplishments under the Resource Conservation and Recovery Act: Fourth Quarter Fiscal Year 1986 Through Fiscal Year 1987**

Describes activities to carry out the mandates of RCRA and the Hazardous Solid Waste Amendments (HSWA) of 1984. Starts with the last quarter of FY 1986 and extends through the end of FY 1987. Covers several activities undertaken to satisfy many 1984 provisions for solid waste. Summarizes contents of each chapter.

12/15/87

Order Number: EPA/530-SW-88-007 Order Form: OSW

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### **Report to Congress: Management of Hazardous Wastes from Educational Institutions**

Identifies statutory and regulatory requirements for educational institutions to manage hazardous waste. Examines current hazardous waste management practices at institutions and identifies possible ways for educational institutions to improve hazardous waste management.

(EPA/530-SW-89-040)

04/15/89

Order Number: PB89-187 629 Order Form: NTIS

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### **Report to Congress: Management of Hazardous Wastes from Educational Institutions; Executive Summary**

Involves problems associated with managing hazardous wastes from educational institutions. Identifies statutory and regulatory requirements for educational institutions managing hazardous waste. Examines current hazardous waste management practices, and identifies hazardous waste problems encountered. Report concludes by identifying ways for educational institutions to improve hazardous waste management.

04/15/89

Order Number: EPA/530-SW-89-040A Order Form: OSW

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### **Report to Congress: Management of Wastes from the Exploration, Development, and Production of Crude Oil, Natural Gas, and Geothermal Energy (Complete Set)**

Responds to study requirements described by Congress in various paragraphs of Section 8002(m) of 1980 amendments of RCRA. Set includes Executive Summary and three volumes.

(EPA/530-SW-88-003)

12/15/87

Order Number: PB88-146 212 Order Form: NTIS




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**Report to Congress: Management of Wastes from the Exploration, Development, and Production of Crude Oil, Natural Gas, and Geothermal Energy; Executive Summaries**

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Responds to study requirements described by Congress in Section 8002(m) of 1980 amendments of RCRA. Congress temporarily exempted several types of solid wastes from regulation. Drilling fluids, produced waters, and other wastes associated with production of crude oil or natural gas are examples of waste temporarily exempt from regulation. Studies Congressional intent to provide opportunity for developing appropriate strategy for waste management.

(EPA/530-SW-88-003D) 12/15/87

Order Number: PB88-146 253 Order Form: NTIS

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**Report to Congress: Management of Wastes from the Exploration, Development, and Production of Crude Oil, Natural Gas, and Geothermal Energy; Volume 1: Oil and Gas**

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Includes Volume 1 of 3. Reports on management of waste under section 3001(B)(2)(A) of RCRA. Discusses wastes generated only by the onshore segment of oil and gas industry.

(EPA/530-SW-88-003A) 12/15/87

Order Number: PB88-146 220 Order Form: NTIS

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**Report to Congress: Management of Wastes from the Exploration, Development, and Production of Crude Oil, Natural Gas, and Geothermal Energy; Volume 2: Geothermal Energy**

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Includes the second volume in a series of reports to Congress on wastes generated from the exploration, development, and production of crude oil. This volume covers the geothermal energy industry. Defines exempt wastes, characterizes the wastes, describes current and alternative disposal practices, and estimates the costs of these practices.

(EPA/530-SW-88-003B) 12/15/87

Order Number: PB88-146 238 Order Form: NTIS

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**Report to Congress: Management of Wastes from the Exploration, Development, and Production of Crude Oil, Natural Gas, and Geothermal Energy; Volume 3: Appendices**

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Contains Volume 3 of 3. Summarizes state oil and gas regulations. Includes glossary of terms for Volume 1 and damage case summaries.

(EPA/530-SW-88-003C) 12/15/87

Order Number: PB88-146 246 Order Form: NTIS

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**Report to Congress: Methods to Manage and Control Plastic Wastes**

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Examines plastic waste reduction through source reduction and methods for controlling sources of plastic marine debris in response to the Plastic Pollution Research and Control Act. Focuses on plastic waste in the municipal solid waste stream.

(EPA/530-SW-89-051) 02/15/90

Order Number: PB90-163 106 Order Form: NTIS

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**Report to Congress: Methods to Manage and Control Plastic Wastes; Executive Summary**

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Responds to Section 2202 of the 1987 Plastic Pollution Research and Control Act. Focuses on post-consumer plastic waste. Includes plastics in marine environments, waste management, and source reduction.

02/15/90

Order Number: EPA/530-SW-89-051A Order Form: OSW

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**Report to Congress: Solid Waste Disposal in the United States; Volume I**

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Presents conclusions and recommendations of a Subtitle D study to evaluate the adequacy of the program. Objectives addressed include disposal of nonhazardous solid waste, which includes municipal solid waste, oil and gas waste, and industrial waste, at landfills, waste piles, land application units, and surface impoundments.

(EPA/530-SW-88-011) 10/15/88

Order Number: PB89-110 381 Order Form: NTIS



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### **Report to Congress: Solid Waste Disposal in the United States; Volume II**

Contains results of data collection efforts for Volume I. Presents study methodology, data collection projects, Subtitle D wastes, Subtitle D facilities, and Subtitle D state programs.

(EPA/530-SW-88-011B)

10/15/88

Order Number: PB89-110 399

Order Form: NTIS

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### **Report to Congress: Solid Waste Disposal in the United States; Executive Summary**

Addresses disposal of nonhazardous solid waste regulated under Subtitle D of RCRA. Wastes include different types of waste streams such as municipal solid waste, industrial waste, and oil and gas waste. Addresses adequacy of current Subtitle D regulatory program. Volume I presents conclusions and recommendations of Subtitle D study. Volume II contains results of data collection efforts. Major findings and recommendations are included.

10/15/88

Order Number: EPA/530-SW-88-011A Order Form: OSW

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### **Report to Congress: Wastes from the Combustion of Coal by Electric Utility Power Plants**

Describes utility waste by source and quantity, current uses, and disposal practices based on numerous private and government studies. Discusses alternatives to disposal, including the costs of current and alternative waste management practices. Requirements from Section 8002(n) of RCRA.

(EPA/530-SW-88-002)

02/15/88

Order Number: PB88-177 977

Order Form: NTIS

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### **Report to Congress: Wastes from the Combustion of Coal by Electric Utility Power Plants; Appendices**

Supports Report to Congress (EPA/530-SW-88-002) with background data, charts, and graphs.

(EPA/530-SW-88-002A)

02/15/88

Order Number: PB88-177 985

Order Form: NTIS

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### **Report to Congress: Wastes from the Combustion of Coal by Electric Utility Power Plants; Executive Summary**

Examines wastes generated from combustion of coal by the electric utility industry. Concludes that coal combustion waste streams generally do not exhibit hazardous characteristics under current RCRA regulations. The report finds that several other wastes from coal-fired utilities may exhibit hazardous characteristics of corrosivity or EP Toxicity and merit regulation under Subtitle C. Summarizes findings that coal combustion wastes provide one method for reducing the amount of hazardous wastes that need to be disposed of responsibly.

02/15/88

Order Number: EPA/530-SW-88-002A-1 Order Form: OSW

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### **Report to Congress: Wastes from the Extraction and Beneficiation of Metallic Ores, Phosphate Rock, Asbestos, Overburden from Uranium Mining, and Oil Shale**

Addresses wastes from extraction and beneficiation of metallic ores, uranium overburden, and nonmetals asbestos and phosphate rock. Summarizes EPA findings on oil shales.

(EPA/530-SW-85-033)

12/01/85

Order Number: PB88-162 631

Order Form: NTIS

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### **Report to the Congress of the United States on the Postclosure Liability Trust Fund Under Section 3001(A)(2)(II) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980**

Concludes that the Postclosure Liability Trust Fund (PCLTF), designed to accept liabilities from hazardous waste facility owners and operators, will be unable to maintain a positive balance after 50 years. Fund covers only a minute portion of the future costs of land disposal. Presents results based on output of PCLTF Simulation Model.

05/15/85

Order Number: PB86-210 176/AS

Order Form: NTIS



### **Report to the Senate Appropriations Committee: Regulation of Wood Preserving Wastes**

Discusses RCRA-based framework for management and tracking of hazardous wastes, from generation through treatment and disposal, under Subtitle C. Several provisions of regulations addressing the protection of ground water are noted, including corrective action, contingency plans, waste management standards, and closure requirements. Presents final rule provisions.

(EPA/530-SW-91-058) 07/15/91

Order Number: PB91-220/301 Order Form: NTIS

### **Report to the Senate Appropriations Committee: Regulation of Wood Preserving Wastes; Executive Summary**

Evaluates the multistatute approach to regulation of wood preserving wastes and compares it to RCRA-based approach.

07/15/91

Order Number: EPA/530-SW-91-058A Order Form: OSW

### **Residential Paper Recovery: A Community Action Program**

Introduces source separation in implementation guide for municipal waste. Includes sample bids and contracts.

01/01/76

Order Number: EPA/SW-553 Order Form: OSW

### **Resource Conservation and Recovery Act Regulations Affecting Generators and Transporters (40 CFR 262 and 263); Explanation of Revisions in Reporting Burden Estimates**

Discusses paperwork involved in documenting the generation, transportation, and disposal of hazardous wastes so liability for mishandling can be established. Amends previous submission, based on revised estimates, as companion regulations defining hazardous wastes to be covered by RCRA were not completed.

03/25/80

Order Number: PB87-155 776/AS Order Form: NTIS

### **Resource Recovery Plant Implementation; Guides for Municipal Officials: Accounting Format**

Proposes a method of reporting costs and revenues to compare costs of various resource recovery systems. Includes a standardized accounting format and normalized accounting format. The Office of Solid Waste Management Programs (OSWMP) developed recommended cost accounting formats to assist planners, designers, and decision-making officials in resource recovery decisions.

(EPA/SW-493) 01/15/76

Order Number: PB259 143/6 Order Form: NTIS

### **Resource Recovery Plant Implementation; Guides for Municipal Officials: Financing**

Provides guidance on alternative financing methods for operating a resource recovery plant. In plain language, financial management issues are discussed and financial mechanisms and costs are described.

(EPA/SW-471) 01/15/75

Order Number: PB256 461/5 Order Form: NTIS

### **Resource Recovery Plant Implementation; Guides for Municipal Officials: Further Assistance**

Lists contacts in localities actively planning resource recovery systems. Provides names of companies marketing such systems, organizations that provide information about resource recovery, and a bibliography of technical and non-technical information on pertinent issues.

(EPA/SW-470) 01/15/75

Order Number: PB256 460/7 Order Form: NTIS

### **Resource Recovery Plant Implementation; Guides for Municipal Officials: Interim Report**

Assists municipal officials beginning the task of resource recovery land implementation. First in a series of guides to facilitate the acquisition of resource recovery plants, examining implementation issues, including planning, technology, markets, financing, procurement, contracts, and accounting format.

(EPA/SW-480) 01/15/75

Order Number: PB259 139/4 Order Form: NTIS



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### **Resource Recovery Plant Implementation; Guides for Municipal Officials: Marketing**

Discusses markets for energy and material products, focusing on characteristics that affect marketability. Covers descriptions and locations of potential markets; product quality required by markets, and approximate market prices. Addresses marketing techniques, including how to conduct market research and obtain a purchase agreement.

(EPA/SW-499)

01/15/76

Order Number: PB259 141/0

Order Form: NTIS

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### **Resource Recovery Plant Implementation; Guides for Municipal Officials: Planning and Overview**

Assists municipal officials in the planning and implementation of processing plants to recover resources from mixed municipal waste. Replaces earlier version entitled *Resource Recovery Plant Implementation: Interim Report* (SW-480) (PB-259139/4). First in a series of reports.

(EPA/SW-533)

01/15/76

Order Number: PB88-197 561

Order Form: NTIS

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### **Resource Recovery Plant Implementation; Guides for Municipal Officials: Procurement**

Provides assistance with the procurement of resource recovery systems and services. Emphasis on defining and explaining a competitive negotiation approach to procurement. Describes managing the procurement process and preparing Request for Proposals.

(EPA/SW-495)

01/01/76

Order Number: PB259 140/2

Order Form: NTIS

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### **Resource Recovery Plant Implementation; Guides for Municipal Officials: Risks and Contracts**

Aids in achieving fair and equitable agreements when implementing resource recovery systems. Includes case studies and observations regarding specific terms and conditions negotiated and recorded in legally binding contracts.

(EPA/SW-496)

01/15/76

Order Number: PB259 142/8

Order Form: NTIS

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### **Resource Recovery Plant Implementation; Guides for Municipal Officials: Technologies**

Acquaints reader with available and emerging technology options for processing mixed municipal waste for resource recovery. Includes process descriptions, product characteristics, status of development, and energy balance.

(EPA/SW-550)

01/15/76

Order Number: PB259 144/4

Order Form: NTIS

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### **Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 1: Treatment Standards Related Comments**

Presents Agency responses to comments submitted on proposed land disposal restriction for Second Third waste codes and general BDAT technologies. Topics covered include general BDAT technologies, F024, inorganic pigment wastes (K009-K010) organo phosphorous wastes, phthalate wastes, and cyanide wastes (K011, K013, K014, K043, K028, K029, K095, K096, K027, K111-K116, U221, and U223).

(EPA/530-SW-89-048D)

06/08/89

Order Number: PB89-221 535

Order Form: NTIS

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### **Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 2: Capacity Related Comments**

Presents Agency responses to 13 comments received on the adequacy of the national capacity to accommodate wastes requiring alternative management techniques. Issues include leachate and derived-from wastes, cyanide-bearing wastes, lab pack wastes, solids incineration capacity, and available treatment capacity.

(EPA/530-SW-89-048E)

06/08/89

Order Number: PB89-221 543

Order Form: NTIS

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### **Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 3: Policy Related Comments**

Presents comment summaries and Agency responses to the proposed rule to prohibit land disposal of restricted hazardous wastes (54 *Federal Register* 1056). Volume 3 of 3.

(EPA/530-SW-89-048C)

06/08/89

Order Number: PB89-221 436

Order Form: NTIS



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**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1: BDAT Related Comments (Complete Set)**

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Presents comments submitted on proposed land disposal restrictions for waste code and general BDAT technologies as well as issues which relate to Third Third Wastes Treatment Standards. Consists of three volumes in multi-part sections.

(EPA/530-SW-90-061)

05/08/90

Order Number: PB90-234 477

Order Form: NTIS

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**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-A-1: BDAT Related Comments; General BDAT Issues**

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Presents comments submitted on proposed land disposal restrictions for waste code and general BDAT technologies as well as issues which relate to Third Third Wastes Treatment Standards. Volume includes request for data, handling of data, availability of technology and Practical Quantification Limits (PQLs).

(EPA/530-SW-90-061A)

05/08/90

Order Number: PB90-234 485

Order Form: NTIS

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**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-A-2: BDAT Related Comments; General BDAT Issues**

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Presents comments submitted on general BDAT technologies. Includes practical quantification limits (PQLs), wastewaters and nonwastewaters, grab and composite samples, quantification complications for P and U wastes, and soil and debris.

(EPA/530-SW-90-061B)

05/08/90

Order Number: PB90-234 493

Order Form: NTIS

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**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-A-3: BDAT Related Comments; General BDAT Issues**

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Addresses comments submitted on proposed land disposal restrictions for waste codes and general BDAT technologies and issues relating to Third Third Waste Treatment Standards. Comments grouped according to major concerns.

(EPA/530-SW-90-061C)

05/08/90

Order Number: PB90-234 501

Order Form: NTIS

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**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-B: BDAT Related Comments; D001: Characteristic Ignitable Wastes**

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Contains comments on D001, including treatment issues concerning aqueous wastes in ignitable liquids and ignitable compressed gases, and deactivation treatment standards. Definitions of subcategories, and dilution are also included.

(EPA/530-SW-90-061D)

05/08/90

Order Number: PB90-234 519

Order Form: NTIS

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**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-C: BDAT Related Comments; D002: Characteristic Corrosive Wastes**

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Provides Agency support and rationale for Third Third land disposal restrictions. Summarizes and responds to comments on D002. Discussion includes proposed pH requirements, proposed insoluble salt requirements, incineration, dilution, and miscellaneous issues.

(EPA/530-SW-90-061E)

05/08/90

Order Number: PB90-234 527

Order Form: NTIS



**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-D: BDAT Related Comments; D003: Characteristic Reactive Wastes and P and U Wastes Containing Reactive Listing Constituents**

Addresses comments submitted on proposed land disposal restrictions for waste codes and general BDAT technologies as well as issues relating to Third Third Waste Treatment Standards. Comments grouped according to major concerns.

(EPA/530-SW-90-061F) 05/08/90

Order Number: PB90-234 535 Order Form: NTIS

**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-E: BDAT Related Comments; D004: Characteristic Wastes for Arsenic and K, P, and U Wastes Containing Arsenic; and D010: Characteristic Wastes for Selenium**

Provides Agency support and rationale for Third Third land disposal restrictions. Summarizes and responds to comments on D004 and D010. Covers aqueous wastes and vitrification, air emissions, scrubbers, hexafluoroarsenate, segregation of arsenic wastes, chemical fixation, and inconsistent standards.

(EPA/530-SW-90-061G) 05/08/90

Order Number: PB90-234 543 Order Form: NTIS

**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-F: BDAT Related Comments; D005: Characteristic Wastes for Barium and P013; and D006: Characteristic Wastes for Cadmium**

Addresses comments submitted on proposed land disposal restrictions for waste codes and general BDAT technologies and issues relating to Third Third Waste Treatment Standards. Comments grouped according to major concerns.

(EPA/530-SW-90-061H) 05/08/90

Order Number: PB90-234 550 Order Form: NTIS

**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-G: BDAT Related Comments; D007: Characteristic Wastes for Chromium**

Addresses comments submitted on proposed land disposal restrictions for waste codes and general BDAT technologies and issues relating to Third Third Waste Treatment Standards. Comments grouped according to major concerns.

(EPA/530-SW-90-061I) 05/08/90

Order Number: PB90-234 568 Order Form: NTIS

**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-H: BDAT Related Comments; D008: Characteristic Wastes for Lead and P and U Wastes Containing Lead**

Addresses comments submitted on proposed land disposal restrictions for waste codes and general BDAT technologies and issues relating to Third Third Waste Treatment Standards. Comments grouped according to major concerns.

(EPA/530-SW-90-061J) 05/08/90

Order Number: PB90-234 576 Order Form: NTIS

**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-I: BDAT Related Comments; D009: Characteristic Wastes for Mercury and P and U Wastes Containing Mercury; K045, K046, and K047: Wastes from the Manufacturing and Processing of Explosives; D011: Characteristic Wastes for Silver; P119, P120: Vanadium Containing Wastes; and P and U Wastes Containing Thallium**

Addresses comments submitted on proposed land disposal restrictions for waste codes and general BDAT technologies and issues relating to Third Third Waste Treatment Standards. Comments grouped according to major concerns.

(EPA/530-SW-90-061K) 05/08/90

Order Number: PB90-234 584 Order Form: NTIS



**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-J: BDAT Related Comments; Mixed Radioactive Hazardous Wastes; Polynuclear Aromatic U Wastes; Halogenated Aliphatic U Wastes; Non-Halogenated Aromatic U Wastes; F002-F005: Solvents; F006: Electroplating Wastewater Treatment Sludges; and F019: Aluminum Conversion Coating Treatment Sludges**

Incorporates final response to BDAT-related comments pertinent to the following waste codes: F002-F005 (solvents), F006 (electroplating wastewater treatment sludges), and F019 (aluminum conversion coating treatment sludges), mixed radioactive hazardous wastes, polynuclear aromatic U wastes, halogenated aliphatic U wastes, and non-halogenated aromatic U wastes.

(EPA/530-SW-90-061L)

05/08/90

Order Number: PB90-234 592

Order Form: NTIS

**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-K: BDAT Related Comments; F025: Wastes from the Production of Chlorinated Aliphatics; K002-K008: Inorganic Pigments; K011, K013, K014: Acrylonitriles; K015: Still Bottoms from Benzyl Chloride; K046: Wastewater Treatment Sludges from Manufacturing, Formulating, and Loading of Lead-Based Initiating Compounds; K061: Electric Arc Furnace Dust; and K069: Emission Control Dust/Sludge from Secondary Lead Smelting**

Incorporates final response to BDAT comments pertinent to the following waste codes: F025 (wastes from production of chlorinated aliphatics), K002-K008 (inorganic pigments), K011/K013/K014 (acrylonitrile), K015 (still bottoms from benzyl chloride), K021 (spent antimony catalyst), K046 (wastewater treatment sludges from manufacturing, etc., of lead-based initiating compounds), K060 (ammonia still lime sludge), K061 (electric arc furnace dust) and K069 (emission control dust/sludge from secondary lead smelting).

(EPA/530-SW-90-061M)

05/08/90

Order Number: PB90-234 600

Order Form: NTIS

**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-L: BDAT Related Comments; K071 and K106: Mercury Cell Process Wastes; K086: Residues from Ink Production Wastes Containing Cyanide**

Incorporates final response to BDAT comments pertinent to the following codes: K071, K106 (mercury cell process wastes), and K086 (residues from ink production wastes containing cyanide).

(EPA/530-SW-90-061N)

05/08/90

Order Number: PB90-234 618

Order Form: NTIS

**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1,1,1-Trichloroethane Wastewaters Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons**

Incorporates final response to BDAT comments pertinent to following codes: K017 (wastes from production of epichlorohydrin), K028-K029/K095-K096 (production of 1,1,1-trichloroethane wastewaters), K022 (wastes from phenol/acetone), K025 (distillation bottoms from production of nitrobenzene), K035 (wastewater treatment sludges from production of creosote), K026 (stripping still tails-production of methyl ethyl pyridine), K083 (distillation bottoms-production of aniline oxygenated hydrocarbons and heterocyclic U and P wastes), and F024 (production of chlorinated aliphatic hydrocarbons).

(EPA/530-SW-90-061O)

05/08/90

Order Number: PB90-234 626

Order Form: NTIS



**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-N: BDAT Related Comments; Halogenated Organic, Pharmaceutical, Brominated Organic, Organo-Sulfur Compounds, and Organo-Nitrogen Compound Wastes; and Halogenated Pesticide and Chlorobenzene, Halogenated Phenolic, and Phenolic Wastes**

Provides Agency support and rationale for Third Third land disposal restrictions. Summarizes and responds to comments. Discussion includes standards for drinking water levels, operational requirements on waste incinerators, thermal treatment, PQL/analytical issues, and more.

(EPA/530-SW-90-061P) 05/08/90

Order Number: PB90-234 634 Order Form: NTIS

**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-O: BDAT Related Comments; K048-K052: Petroleum Refining Industry Wastes; K036: Organophosphorous Wastes (Nonwastewaters); K037: Wastewater Treatment Sludges from the Production of Disulfoton**

Provides Agency support and rationale for Third Third land disposal restrictions. Summarizes and responds to comments. Subissues include solvent extraction, incineration, requests for Agency evaluation, and support for regulatory framework.

(EPA/530-SW-90-061Q) 05/08/90

Order Number: PB90-234 642 Order Form: NTIS

**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-P: BDAT Related Comments; Leachates**

Provides Agency support and rationale for Third Third land disposal restrictions. Summarizes and responds to comments. Issues include options for multisource leachate, industry standards and permitting, and analysis and monitoring.

(EPA/530-SW-90-061R) 05/08/90

Order Number: PB90-234 659 Order Form: NTIS

**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-Q: BDAT Related Comments; Gases**

Provides Agency support and rationale for Third Third land disposal restrictions. Summarizes and responds to comments. Includes subissues such as numerical standards for gas wastes in non-gaseous forms, thermal and caustic solution destruction, and treatment methods of nonwastewaters.

(EPA/530-SW-90-061S)

05/08/90

Order Number: PB90-234 667 Order Form: NTIS

**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2: Capacity Related Comments (Complete Set)**

Provides Agency support and rationale for Third Third land disposal restrictions. Summarizes and responds to comments. Consists of three volumes in multi-part sections.

(EPA/530-SW-90-063)

05/08/90

Order Number: PB90-234 725 Order Form: NTIS

**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-1: Capacity Related Comments**

Presents Agency responses to comments on the background document for Third Third Land Disposal Restrictions relating to capacity. Topics covered include combustion, D001 Ignitable Characteristic Wastes, D002 Corrosive Characteristic Wastes, D003 Reactive Characteristic Wastes, Arsenic and Selenium Wastes, Lead and K061 Wastes.

(EPA/530-SW-90-063A)

05/08/90

Order Number: PB90-234 733 Order Form: NTIS

**Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-2: Capacity Related Comments**

Presents Agency responses to comments on the background document for Third Third Land Disposal Restrictions related to capacity. Topics covered include: mercury wastes; F, K, U, and P wastes; K048-K052 wastes; deepwell injected wastes; and other metals.

(EPA/530-SW-90-063B)

05/08/90

Order Number: PB90-234 741 Order Form: NTIS



### **Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-3: Capacity Related Comments**

Responds to commenters on background documents for Third Third Land Disposal Restrictions relating to capacity. Chapter 13 discusses multi-source leachate, and Chapter 14 covers mixed RCRA/radioactive wastes. Chapter 15 reports on lab packs, Chapter 16 covers soil and debris, and Chapter 17 includes miscellaneous capacity comments.

(EPA/530-SW-90-063C) 05/08/90

Order Number: PB90-234 758 Order Form: NTIS

### **Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 3: Policy Related Comments**

Presents summary of and responses to comments received by EPA regarding the proposed rule to prohibit land disposal of Third Third wastes. Third volume of three.

(EPA/530-SW-90-064) 05/08/90

Order Number: PB90-234 766 Order Form: NTIS

### **Restrictions on the Placement of Nonhazardous Liquids in Hazardous Waste Landfills; Statutory Interpretative Guidance**

Explains Section 3004(c)(3) of HSWA, which restricts the placement of nonhazardous liquids in hazardous waste (Subtitle C) facilities. Explains the scope of the nonhazardous liquids provision and the overall demonstration process.

(EPA/530-SW-86-013) 04/15/86

Order Number: PB86-215 043/AS Order Form: NTIS

### **Reusable News (Winter 1990)**

Presents the premiere edition of the Municipal Solid Waste (MSW) Program newsletter. Quarterly editions report on EPA's and others' efforts to safely and effectively manage garbage. Articles include information and exchange planning, EPA headquarters established in-house recycling program, and Philadelphia's recycling program.

01/15/90

Order Number: EPA/530-SW-90-018 Order Form: OSW

### **Reusable News (Spring 1990)**

Describes school recycling program in cover story. The inside includes an article on how Congress sees a bumper crop of MSW management bills, loans help small businesses curb pollution, a look at plastic waste, build your own compost pile, and junk your junk mail.

04/15/90

Order Number: EPA/530-SW-90-039 Order Form: OSW

### **Reusable News (Summer 1990)**

Presents the characterization of the MSW stream in the cover story. Inside articles include how Penn State government finds recycling works, Rhode Island businesses become more efficient, direct marketing association responds to environmental concerns, Colorado's cooperative venture boosts recycled paper procurement, and EPA program rewards recyclers.

07/15/90

Order Number: EPA/530-SW-90-055 Order Form: OSW

### **Reusable News (Fall 1990)**

Requests public comment on paper procurement issues in cover story. Inside articles include three new tools for MSW managers, order boosts contractor use of recycled paper, look at unit recycling, and youths learn crime doesn't pay — but recycling does.

10/15/90

Order Number: EPA/530-SW-90-056 Order Form: OSW

### **Reusable News (Winter 1991)**

Presents "The Greening of the Marketplace," the front page story that covers initiation of a product labeling program. Inside articles include Postal Service delivers first-class recycling effort, Yankee ingenuity adds miles to used tires, new mailing machine stamps out waste, and guides that explain composting fundamentals.

01/15/91

Order Number: EPA/530-SW-91-020 Order Form: OSW



### Reusable News (Spring/Summer 1991)

Presents EPA Administrator's Awards Program in cover story. Special issue highlights regional projects, such as dead batteries get new life in New York, new use for old milk jugs, computerized map of recyclables' journey. Featured article describes how National Park Service implements municipal solid waste management plan and a blueprint for plastics recycling.

04/15/91

Order Number: EPA/530-SW-91-021 Order Form: OSW

### Reusable News (Fall 1991)

Presents EPA's role in market development in cover story. Inside articles include: Habicht testifies on "green" marketing issues, community recycling, Project ROSE at Walt Disney, Seattle Tilth teaches city-dwellers to compost, Wisconsin and Minnesota team up for recycled paper purchase, and more.

10/15/91

Order Number: EPA/530-SW-91-022 Order Form: OSW

### Reusable News (Winter 1992)

Announces EPA's options to standardize recycling marketing claims in cover story. Inside articles include President Bush issues executive order requiring federal agency recycling, Illinois communities serve as source reduction models, and unique solutions to municipal solid waste problems on the Alaskan Tundra.

01/15/92

Order Number: EPA/530-SW-91-085 Order Form: OSW

### Reusable News (Spring 1992)

Features cover story on how recycling helps homeless to a better life. Inside: Waste prevention successes, McDonald's waste reduction program, Keep America Beautiful handbook promotes waste prevention and recycling, household hazardous waste collection programs increase by over 70 percent, and Midwest conference looks at procurement of recycled goods.

04/15/92

Order Number: EPA/530-N-92-001 Order Form: OSW

### Ride the Wave of the Future: Recycle Today! (Poster)

Illustrates surfer riding glass, paper, and can recyclables on a colorful poster. Part of EPA's educational "Stamp out the Garbage Gremlin" series. Folds for easy mailing.

04/15/90

Order Number: EPA/530-SW-90-010 Order Form: OSW

### Rules for Hazardous Waste Tank Systems

Provides an overview of EPA's revised hazardous waste tank system regulations, promulgated on July 14, 1986. Geared primarily to owners and operators of hazardous waste tank systems, and to federal, state and local government officials who are responsible for regulating systems. Summarizes important program elements and answers frequently asked questions.

01/15/88

Order Number: EPA/530-SW-88-004 Order Form: OSW

### School Recycling Programs: A Handbook for Educators

Illustrates school recycling program options, along with step-by-step instructions in this booklet on how to set one up. Instructions for applying for the President's Environmental Youth Awards included.

08/15/90

Order Number: EPA/530-SW-90-023 Order Form: OSW

### Second Report to Congress: Resource Recovery and Source Reduction

Reviews EPA's programs related to the conservation of energy and material resources, including environmental and economic impacts. Examines effects of several existing federal policies and programs on the use of virgin and recycled material. Studies automobiles, packaging, beverage containers, and rubber tires.

(EPA/SW-353)

01/15/74

Order Number: PB253 406/3 Order Form: NTIS

### Sites for our Solid Waste: A Guidebook for Effective Public Involvement

Provides information for public officials, citizens, and industry professionals to help them find waste sites that are both technically sound and socially acceptable. Entire plan encourages public involvement.

04/15/90

Order Number: EPA/530-SW-90-019 Order Form: OSW



### **Siting Our Solid Waste: Making Public Involvement Work (Brochure)**

Encourages ordering for matching guidebook, as well as outlines issues involved in locating waste sites. Includes table of contents for guidebook.

04/15/90

Order Number: EPA/530-SW-90-020 Order Form: OSW

### **Soil Properties, Classification, and Hydraulic Conductivity Testing**

Compiles laboratory and field testing methods for the measurement of hydraulic conductivity of soils, including background information on the relevant soil properties and classification systems. Assists in planning and construction of hazardous waste disposal facilities, while supporting EPA guides to review permit applications under Subtitle C of RCRA.

(EPA/SW-925)

03/15/84

Order Number: PB87-155 784/AS Order Form: NTIS

### **SOILINER Model**

Documents SOILINER computer model and provides User's Guide. SOILINER is finite-difference approximation of highly nonlinear, governing equation for one-dimensional, unsaturated flow in the vertical dimension. Provides a comprehensive tool for the design of liner configurations, specifically liner conductivity and thickness.

(EPA/530-SW-86-006)

04/15/86

Order Number: PB87-100 038 Order Form: NTIS

### **Solid Waste Dilemma: An Agenda for Action; Background Document**

Describes municipal solid waste and presents a strategy to improve management of wastes. Gives analysis behind recommended actions in a summary fashion. Compiles options of potential research, development, and demonstration activities to provide data for solutions.

(EPA/530-SW-88-054A)

08/15/88

Order Number: PB88-251 137 Order Form: NTIS

### **Solid Waste Dilemma: An Agenda for Action; Background Document; Appendices A-C**

Supplements the background document by summarizing various components of the municipal solid waste stream. Includes quantity and characteristic data, conclusions from the application of various waste management practices, identification of notable issues or problems, and other data.

(EPA/530-SW-88-054B)

08/15/88

Order Number: PB88-251 145 Order Form: NTIS

### **Solid Waste Dilemma: An Agenda for Action (Final Report of the Municipal Waste Task Force)**

Describes the municipal solid waste situation and presents a strategy to improve management of wastes. Offers concrete solutions.

02/15/89

Order Number: EPA/530-SW-89-019 Order Form: OSW

### **The Solid Waste Disposal Act as Amended by the Hazardous and Solid Waste Amendments (The Resource Conservation and Recovery Act)**

Includes Senate Committee print (99-215) of Hazardous and Solid Waste Amendments of 1984 (Public Law 98-616), Safe Drinking Water Act Amendments of 1986 (Public Law 99-339), and Superfund Amendments and Reauthorization Act of 1987 (Public Law 99-499).

01/01/87

Order Number: EPA/530-SW-85-022 Order Form: OSW

### **Solid Waste Leaching Procedure; Technical Resource Document for Public Comment**

Provides a method for collecting data on the quality of leachate from solid waste. Describes the batch leaching procedure for use in a lab with various wastes to predict the composition of leachate from that waste under field conditions. Methods, equipment, and sources of error discussed along with suggestions for interpreting data.

(EPA/SW-924)

03/15/84

Order Number: PB87-152 054/AS Order Form: NTIS



### **Solving the Hazardous Waste Problem: EPA's RCRA Program**

Provides an overview of hazardous waste objectives of RCRA program, describing each target of regulation, including the background and strategy for controlling hazardous wastes.

11/15/86

Order Number: EPA/530-SW-86-037 Order Form: OSW

### **Source Separation Collection and Processing Equipment; A User's Guide**

Helps municipal officials and private collection companies operate source separation programs by providing information on systems and equipment. Describes successful systems and lists advantages, disadvantages, and general specifications of numerous equipment items.

(EPA/SW-842)

01/15/80

Order Number: PB81-158 297 Order Form: NTIS

### **Source Separation: The Community Awareness Program in Somerville and Marblehead, Massachusetts**

Provides local governments and interested public with useful information for planning, implementing, and operating source-separation programs. First in series about the multi-material source separation demonstration in Marblehead and Somerville, Massachusetts.

(EPA/SW-551)

11/15/76

Order Number: PB260 654/9 Order Form: NTIS

### **Standards for Inspection (40 CFR 264.15) and Interim Status Standards for Inspection (40 CFR 265.15); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004**

Documents the proposed explicit requirements for hazardous waste facility owners and operators to develop an inspection schedule tailored to individual facilities. Provides summaries of and responses to comments received on proposed rule.

04/15/80

Order Number: PB81-190 001 Order Form: NTIS

### **Standards for Personnel Training (40 CFR 264.16); Interim Status Standards for Personnel Training (40 CFR 265.16); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004**

Provides Agency support and rationale for personnel training standards at hazardous waste facilities. Describes regulation as originally proposed, summarizes and responds to related comments, and includes legislative authority, key definitions, damage case summaries, and precedents.

04/15/80

Order Number: PB81-181 380 Order Form: NTIS

### **Standards for Preparedness and Prevention (40 CFR 264 and 265, Subpart C); Standards for Contingency Plan and Emergency Procedures (40 CFR 264 and 265, Subpart D); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004**

Provides Agency support and rationale for preparedness and prevention standards at hazardous waste facilities. Describes regulation as originally proposed, summarizes and responds to related comments, and includes legislative authority, key definitions, damage case summaries, and precedents.

04/15/80

Order Number: PB81-181 372 Order Form: NTIS

### **Standards for Security (40 CFR 264.14); Interim Status Standards for Security (40 CFR 265.14); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004**

Provides Agency support and rationale for security standards at hazardous waste facilities. Concludes that controlling access to hazardous waste facilities is an important part of a regulatory program. Describes regulation as originally proposed, summarizes and responds to related comments, and includes legislative authority, key definitions, damage case summaries, and precedents.

04/15/80

Order Number: PB81-181 398 Order Form: NTIS



### State Authorization Manual; Volume I

Provides guidance for states applying for program revisions to an authorized RCRA state program. Updates 1988 State Consolidated RCRA Authorization Manual. Emphasizes program revision process.

(EPA/530-SW-91-018A) 10/15/90

Order Number: PB91-130 211 Order Form: NTIS

### State Authorization Manual; Volume II

Provides guidance for states applying for program revisions to an authorized RCRA state program. Updates 1988 State Consolidated RCRA Authorization Manual. Consists of appendices with checklists.

(EPA/530-SW-91-018B) 10/15/90

Order Number: PB91-130 229 Order Form: NTIS

### State Decision-Makers Guide for Hazardous Waste Management

Presents key issues addressed by state, regional, and local governments and agencies in creating effective hazardous waste management programs. Policy-oriented checklist highlights topics addressed by RCRA, such as defining hazardous waste, problem recognition, land use, facility operations, policy issues, and transportation.

01/01/77

Order Number: EPA/SW-612 Order Form: OSW

### State Program Advisory Number Eight

Covers RCRA program changes for 7/1/89 to 12/31/89. Includes seven revised checklists, model language for the Attorney General's Statement for changes covered by SPA, and other revisions. Includes revision of First Third Scheduled Wastes and of Checklist 70 which covers changes to Part 124.

(EPA/530-SW-91-047) 03/01/91

Order Number: PB91-179 168 Order Form: NTIS

### State Programs Advisory Number Nine

Updates State Authorization Manual (PD 9540.00-09A) with RCRA program changes for the period January 1 through June 30, 1990. Adds 9 new checklists and revisions for 10 existing checklists. Also includes a consolidated land disposal restrictions checklist.

(EPA/530-R-92-001) 01/15/92

Order Number: PB92-149 285 Order Form: NTIS

### States' Efforts to Promote Lead-Acid Battery Recycling

Studies state lead-acid battery recycling programs to explore how the federal government and states can most effectively promote this activity. Describes the requirements and effectiveness of individual programs.

(EPA/530-SW-91-029) 01/15/92

Order Number: PB92-119-965 Order Form: NTIS

### Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities; Interim Final Guidance

Assists regional and state personnel in evaluating groundwater monitoring data from RCRA facilities. Guides statistical analysis of ground-water monitoring, pertaining to spatial relationships between monitoring wells and potential contaminant sources.

(EPA/530-SW-89-026) 04/15/89

Order Number: PB89-151 047 Order Form: NTIS

### Statistical Analysis of Mining Waste Data

Contains analyses conducted to measure concentration of various elements, anion, radionuclides, and other parameters in raw mining waste samples and acetic acid extracts of samples.

(EPA/530-SW-86-024) 06/30/86

Order Number: PB86-219 383/AS Order Form: NTIS

### Strawman II: Recommendations for a Regulatory Program for Mining Wastes and Materials under Subtitle D of the Resource Conservation and Recovery Act

Represents EPA's position on an effective program to regulate wastes and other materials uniquely associated with noncoal mining. Describes pre-rulemaking process, background, and overview of mining waste program. Discusses scope of program and regulatory approach.

(EPA/530-SW-91-056) 05/20/91

Order Number: PB91-178 418 Order Form: NTIS



### **Subchronic Toxicity of Meta-Cresol in Sprague Dawley Rats**

Evaluates preliminary test data collected to assess the toxicity of meta-cresol in rats when administered for 13 weeks by oral gavage. Fifty mg/kg/day appears to be the maximum dose that produced no evident adverse effects.

(EPA/530-SW-88-026)

03/25/88

Order Number: PB88-195-284

Order Form: NTIS

### **Subchronic Toxicity of Ortho-Cresol in Sprague Dawley Rats**

Assesses the toxicity of ortho-cresol (o-cresol) in rats during 13 weeks of oral gavage administration. Methods and procedures conducted in accordance with appropriate Quality Assurance Programs designed to conform with FDA Good Laboratory Practice Regulations.

(EPA/530-SW-88-027)

03/21/88

Order Number: PB88-197-496

Order Form: NTIS

### **Subchronic Toxicity of Para-Cresol in Sprague Dawley Rats; MBA Chemical No. 25**

Examines oral toxicity of para-cresol (p-cresol) in Sprague Dawley rats during 13 weeks of oral gavage administration. Dose levels studied were 0, 50, 175, and 600 mg/kg/day. Para-cresol was hepatotoxic, nephrotoxic, and induced a mild anemic state. Methods and procedures designed to conform with FDA and EPA Good Laboratory Practices Regulations.

(EPA/530-SW-88-025)

04/04/88

Order Number: PB88-195-292

Order Form: NTIS

### **Subtitle D Industrial Facility Telephone Survey Report (1987)**

Develops representative lists of facilities that managed Subtitle D wastes, including landfills, surface impoundments, land application units, and waste piles not regulated as hazardous waste handlers. Develops national and industry-specific estimates of the number of facilities and amount of Subtitle D waste managed.

(EPA/530-SW-91-069)

08/15/91

Order Number: PB91-240-432

Order Form: NTIS

### **Subtitle D Municipal Landfill Survey Report (1986)**

Presents results of a survey of 1,250 municipal landfills in the United States and territories with at least one active landfill unit as of November 1, 1986.

(EPA/530-SW-91-070)

08/15/91

Order Number: PB91-242-396

Order Form: NTIS

### **Subtitle D Study: Phase I Report**

Presents results of data collection for the first phase of studying the adequacy of Subtitle D criteria to protect human health and environment from ground-water contamination. Recommendations given.

(EPA/530-SW-86-054)

10/15/86

Order Number: PB87-116-810/AS

Order Form: NTIS

### **Summary of Appropriate Analytical Methods for Appendix IX; Parts I and II**

Presents survey of key analytical information for each compound on proposed Appendix IX. Ensures that documentation on one or more analytical methods is available to public for every compound on Appendix IX. Approach prepares separate data sheets by compound for each SW-846 method considered, and for each type of detector reported. Part I includes survey of data for individual compounds, and Part 2 covers supplementary information on selected compounds.

07/15/87

Order Number: PB87-230-371

Order Form: NTIS

### **Summary of Comments on Mining Waste Report to Congress**

Describes approach used to summarize comments included in document. Lists companies, organizations, agencies, and individuals who responded. Organized into five chapters covering legal issues and procedures, technical information, regulations, economics, and recommendations.

(EPA/530-SW-86-030)

05/09/86

Order Number: PB86-222-486/AS

Order Form: NTIS

### **Summary of Markets for Scrap Tires**

Summarizes EPA's *Market for Scrap Tires*. Describes factors affecting current supply and demand for scrap tires. Provides information on future market trends. Explains how to obtain full EPA report.

10/15/91

Order Number: EPA/530-SW-90-074B Order Form: OSW



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### **Summary of the First National Conference on Household Hazardous Waste Collection Programs**

Summarizes presentations and opinions of experts (from federal, state, and local governments, industry, trade associations, public interest groups, and citizen organizations) on Household Hazardous Waste Management (HHWM) Collection Programs and related issues. EPA-sponsored conference coordinated by Center for Environmental Management at Tufts University.

(EPA/530-SW-89-042A)

11/18/86

Order Number: PB89-179 501      Order Form: NTIS

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### **Summary of the Second National Conference on Household Hazardous Waste Management**

Includes a compendium of presentations made at the Second Annual Household Hazardous Waste Management Conference. Overviews provided on major national and international issues, collection programs, other management options, special wastes, problem wastes, and future funding options. EPA-sponsored conference coordinated by Center for Environmental Management at Tufts University.

(EPA/530-SW-89-042B)

11/02/87

Order Number: PB89-179 519      Order Form: NTIS

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### **Summary of the Third National Conference on Household Hazardous Waste Management**

Includes a compendium of presentations from the Third Annual Household Hazardous Waste Management (HHWM) Conference. Presentations summarize issues on collection program operation, batteries, reduction and other management options, funding, permanent programs, program management, farm and home pesticides, components of HHWM education program, scientific information, used oil, paint, and legislative considerations. EPA-sponsored conference coordinated by Center for Environmental Management at Tufts University.

(EPA/530-SW-89-042C)

11/02/88

Order Number: PB89-179 527      Order Form: NTIS

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### **Summary Report of Capacity at Commercial Facilities; Volume I**

Provides capacity data on commercial hazardous waste management facilities in all states as derived from EPA's Treatment, Disposal, and Recycling Facilities Survey (conducted in 1987). Covers commercial system capacity, captive system capacity, and onsite system capacity.

(EPA/530-SW-89-035A)

01/31/89

Order Number: PB89-179 022      Order Form: NTIS

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### **Summary Report of Capacity at Commercial Facilities; Volume II**

Provides capacity data on commercial hazardous waste management facilities in all states as derived from EPA's Treatment, Disposal, and Recycling Facilities Survey (conducted in 1987). Appendices are included.

(EPA/530-SW-89-035B)

01/31/89

Order Number: PB89-179 030      Order Form: NTIS

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### **Summary Report of Capacity at Limited Commercial and Company Captive Facilities; Draft; Volume I**

Provides capacity data on limited commercial and company captive hazardous waste management facilities in all states. Data are designed to be used with the Biennial Report on waste generation to support development of States' Capacity Assurance Plan. Contains data on limited commercial capacity, captive capacity, and onsite capacity.

(EPA/530-SW-89-036A)

02/15/89

Order Number: PB89-179 048      Order Form: NTIS

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### **Summary Report of Capacity at Limited Commercial and Company Captive Facilities; Draft; Volume II**

Provides capacity data on limited commercial and company captive hazardous waste management facilities in all states. Data are designed to be used with the Biennial Report on waste generation to support development of States' Capacity Assurance Plan. Appendices are included.

(EPA/530-SW-89-036B)

02/15/89

Order Number: PB89-179 055      Order Form: NTIS



### **Surface Water Screening Procedure; Background Document**

Explains EPA's approach designed to establish acceptable concentrations for specific chemical constituents in waste extracts, by working backward from point of potential human exposure to land disposal unit. The screening procedure presented in the paper involves the application of an analytic solute transport equation using values for hydrogeologic parameters to derive distribution of outputs.

(EPA/530-SW-86-050)

12/15/85

Order Number: PB87-101 614

Order Form: NTIS

### **Survey of Household Hazardous Waste and Related Collection Programs**

Identifies existing information on types and quantities of HHW present in residential wastestream. Existing collection programs operating at state and local levels were identified and described. Detailed lists of programs are included, as are case studies of three collection programs.

10/15/86

Order Number: EPA/530-SW-86-038

Order Form: OSW

### **Technical Background Document and Response to Comments: Method 1311 - Toxicity Characteristic Leaching Procedure**

Proposes EPA amendments to hazardous waste identification regulations by expanding Toxicity Characteristic (TC) to include additional contaminants. EPA proposes using the leaching test, Toxic Characteristic Leaching Procedure (TCLP), to determine if wastes should be classed as hazardous. Summarizes and responds to comments from the public regarding use of TCLP. Each major issue regarding TCLP is discussed in a separate section.

(EPA/530-SW-90-080)

04/15/89

Order Number: PB91-102 053

Order Form: NTIS

### **Technical Evaluation of the Combustion System of the Marine Shale Processors, Inc. Facility in Amelia, Louisiana**

Evaluates the design and performance of a hazardous waste combustion system in use at Marine Shale Processors, Inc., Amelia, Louisiana. Document considers the waste preparation system, rotary kiln, afterburners, combustion control system, and stack emissions control devices in place in February, 1990. System evaluated in comparison to good design, operation, maintenance practices, and regulatory controls currently applicable to hazardous waste incinerators permitted under RCRA.

(EPA/530-SW-90-086)

10/15/90

Order Number: PB91-111 492

Order Form: NTIS

### **Technical Guidance Document: Fabrication of Polyethylene FML**

Provides guidance for construction quality control and assurance inspectors and related personnel regarding proper techniques for making field seams on polyethylene flexible membrane liners (FMLs). Specific emphasis on the three most widely used techniques: extrusion fillet, extrusion flat, and hot wedge fabrication methods. Rationale provided for various conditions and limitations, and a glossary of relevant terms concerning polyethylene FML fabrication is included.

(EPA/530-SW-89-069)

Field Seams (EPA/530-SW-89-069)

09/15/89

Order Number: PB90-119 595

Order Form: NTIS

### **Technical Guidance Document: Final Covers on Hazardous Waste Landfills and Surface Impoundments**

Provides information intended for organizations involved in permitting, designing, and constructing hazardous waste land disposal facilities. Provides design guidance on final cover systems for hazardous waste landfills and surface impoundments. The cover system discussed has a multilayer design. Optional layers which may be required for site-specific conditions are discussed. Rationale is provided for design parameters to give background information and understanding of cover systems.

(EPA/530-SW-89-047)

07/15/89

Order Number: PB89-233 480

Order Form: NTIS



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**Technical Guidance Document: Inspection Techniques for the Fabrication of Geomembrane Field Seams**

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Assists EPA and state personnel in implementing new corrective action provisions by providing a central source of information on air emissions control technologies and techniques for hazardous waste TSDFs. Gives descriptions of waste management unit design and operation practices which prevent or control vapor and particulate releases from containerized waste storage, tanks, surface impoundments, landfills, land treatment and waste piles. The transfer of control technology from the industrial sector to hazardous waste management is discussed.

(EPA/530-SW-91-051)

05/15/91

*Order Number: PB92-109 057*      *Order Form: NTIS*

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**Technical Guidance for Corrective Measures: Determining Appropriate Technology and Response for Air Releases; Draft Final Report**

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Assists EPA and state personnel in implementing the new corrective action provisions by providing information on air emissions control technologies and techniques for hazardous waste facilities. Describes waste management unit design and operation practices which prevent or control vapor and particulate releases from containerized waste storage, tanks, surface impoundments, landfills, land treatment and waste piles. Discusses the transfer of control technology from industrial sector to hazardous waste management.

(EPA/530-SW-88-021)

03/15/85

*Order Number: PB88-185 269*      *Order Form: NTIS*

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**Technical Guidance for Corrective Measures: Subsurface Gas**

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Provides technical guidance in assessing the need for corrective action, reviewing permit applications, and writing permits for hazardous waste facilities. Provides framework to states, EPA, and facility owners and operators to identify whether subsurface gas is migrating beyond facility boundary or into on-site structures at concentrations threatening to human health and the environment.

(EPA/530-SW-88-023)

03/28/85

*Order Number: PB88-185 285*      *Order Form: NTIS*

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**Technical Implementation Document for EPA's Boiler and Industrial Furnace Regulations**

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Provides permit writers and owners and operators with technical guidance for following BIF rule requirements. Addresses certain precompliance and compliance certification activities, permitting, continued compliance with operating requirements, and associated planning and testing required for compliance with rules.

(EPA-530-R-92-011)

03/01/92

*Order Number: PB92-154 947**Order Form: NTIS*

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**Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Field Sampling and Analytical Results**

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Presents findings of the field sampling and analysis project conducted on wastes associated with exploration, development, and projection of crude oil and natural gas. Summary of analytical data is presented.

(EPA/530-SW-87-005)

01/31/87

*Order Number: PB87-165 403**Order Form: NTIS*

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**Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix A: Analytical Results**

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Presents the analytical results in an appendix for the field sampling and analysis project conducted on wastes associated with exploration, development, and projection of crude oil and natural gas.

(EPA/530-SW-87-005A)

01/31/87

*Order Number: PB87-165 411**Order Form: NTIS*

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**Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix B: Sampling Strategy**

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Presents the sampling strategy in an Appendix to the report for the field sampling and analysis project conducted on wastes associated with exploration, development, and projection of crude oil and natural gas.

(EPA/530-SW-87-005B)

01/31/87

*Order Number: PB87-165 429**Order Form: NTIS*



**Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix C: Sampling Reports; Volumes 1 and 2**

Presents the sampling reports for the report on the field sampling and analysis project conducted on wastes associated with exploration, development, and projection of crude oil and natural gas.

(EPA/530-SW-005)

01/31/87

Order Number: PB87-165 437

Order Form: NTIS

**Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix D: Analytical Methods**

Presents the analytical methods for the report on the field sampling and analysis project conducted on wastes associated with exploration, development, and projection of crude oil and natural gas.

(EPA/530-SW-87-005D)

01/31/87

Order Number: PB87-165 445

Order Form: NTIS

**Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix E: Role and Function of EPA Sample Control Center**

Presents the role and function of Sample Control Center for the report on the field sampling and analysis project conducted on wastes associated with exploration, development, and projection of crude oil and natural gas.

(EPA/530-SW-87-005E)

01/31/87

Order Number: PB87-165 452

Order Form: NTIS

**Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix F: List of Analytes**

Presents the list of analytes for the report on the field sampling and analysis project conducted on wastes associated with exploration, development, and projection of crude oil and natural gas.

(EPA/530-SW-87-005F)

01/31/87

Order Number: PB87-165 460

Order Form: NTIS

**Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix G: Sampling Plan and Sampling Quality Assurance/Quality Control**

Presents the sampling plan and quality assurance/quality control plan for the technical report on the field sampling and analysis project conducted on wastes associated with exploration, development, and projection of crude oil and natural gas.

(EPA/530-SW-87-005G)

01/31/87

Order Number: PB87-165 478

Order Form: NTIS

**Technical Resource Document: Design, Construction, and Operation of Hazardous and Non-Hazardous Waste Surface Impoundments**

Summarizes operation and closure of hazardous waste and non-hazardous waste surface impoundments. Regulations summarized, and postclosure activities discussed. Document reflects the fact that most available information, ongoing research, and pertinent regulations deal with surface impoundments that used to contain hazardous waste. Much technical information should, however, be applicable, to non-hazardous waste impoundments.

(EPA/530-SW-91-054)

06/15/91

Order Number: PB91-204 354

Order Form: NTIS

**Technical Resource Document for Obtaining Variances from the Secondary Containment Requirement of Hazardous Waste Tank Systems; Volume I**

Provides hazardous waste tank system owners and operators information for submitting technology-based and risk-based variances from EPA requirements for secondary containment with release monitoring for systems. Volume 1 treats technology-based variances that can be granted if tank system owners and operators demonstrate that a release can be contained, detected, and removed by using new technology or alternative operating procedures before the release leaves area under owner control.

(EPA/530-SW-87-002A)

02/15/87

Order Number: PB87-158 655/AS

Order Form: NTIS



### **Technical Resource Document for Obtaining Variances from the Secondary Containment Requirement of Hazardous Waste Tank Systems; Volume II**

Provides hazardous waste tank system owners and operators information for submitting technology-based and risk-based variances from EPA requirements for secondary containment with release monitoring for tank systems. Volume 2 treats risk-based variances that may be granted if an owner or operators shows that if the release occurs, there will be no substantial hazard to the environment and human health. Provides guidance to applicants seeking variance and to permit writers reviewing variance demonstrations.

(EPA/530-SW-87-002B)

02/15/87

Order Number: PB87-158 663/AS Order Form: NTIS

### **Technical Resource Document for the Storage and Treatment of Hazardous Waste in Tank Systems**

Provides assistance to owners or operators of hazardous waste tank systems on preparing Part B permit application (40 CFR 270) to demonstrate compliance with general applicable permitting standards, as well tank-specific permitting standards. Provides information on procedures for inspection, unfit-for-use tank system corrective action, and closure and postclosure care. Gives introductory and background information on overall background regulations and permitting process.

(EPA/530-SW-86-044)

08/22/86

Order Number: PB87-134 391/AS Order Form: NTIS

### **Technical Studies Supporting the Mining Waste Regulatory Determination**

Presents description of study procedure and techniques for Extraction Procedure (EP) Toxicity Test to evaluate RCRA hazardous characteristics of mining and smelting wastes, particularly lead and cadmium. Two principal tasks are described. The first assesses the validity of arsenic, lead, cadmium, barium, silver, and chromium concentrations in EP-Toxicity leachates. The second task compares the extraction efficiency of four leachate techniques. Presents conclusions and recommendations of researchers.

(EPA/530-SW-86-026)

06/30/86

Order Number: PB86-219 417/AS Order Form: NTIS

### **Teratologic Evaluation of 2,3,4,6-Tetrachlorophenol Administered to CD Rats on Gestational Days 6 Through 15; Final Report**

Presents results of the teratologic evaluation of 2,3,4,6-Tetrachlorophenol (TCP) administered by gavage in olive oil to timed-pregnant rats. Results suggest embryo or fetal growth and prenatal viability were not adversely affected by TCP exposure, nor was there any definitive evidence of effect of TCP upon fetal morphological development.

(EPA/530-SW-88-017A)

08/21/87

Order Number: PB88-176 151 Order Form: NTIS

### **Teratologic Evaluation of 2,3,4,6-Tetrachlorophenol Administered to CD Rats on Gestational Days 6 Through 15; Final Report; Appendices I-IX**

Presents results of 2,3,4,6-Tetrachlorophenol (TCP) administered by gavage in olive oil to timed-pregnant CD rats (doses 0, 25, 100, or 200 mg/kg/day) to assess possible teratologic effects of substance. Embryo or fetal growth and prenatal viability were not adversely affected by TCP exposure, nor was there any definitive evidence of TCP effects upon fetal morphological development. Appendices I through IX contain data about specific aspects of the study.

(EPA/530-SW-88-017B)

08/21/87

Order Number: PB88-176 169 Order Form: NTIS

### **Test Method 8290: Procedures for the Detection and Measurement of PCDDs and PCDFs**

Provides procedures for the detection and quantitative measurement of PCDDs and PCDFs in a variety of environmental matrices at part-per-trillion to part-per-quadrillion concentrations. Lists compounds that can be determined by method.

01/15/91

Order Number: EPA/530-SW-91-019 Order Form: OSW

### **Test Method 9096: Liquid Release Test (LRT) Procedure**

Provides information designed to determine whether or not liquids will be released from sorbents when subjected to overburden pressures in landfill.

11/15/90

Order Number: EPA/530-SW-91-078 Order Form: OSW



### **Test Method Equivalency Petitions; A Guidance Manual**

Provides guidance to parties who wish to submit test method petition. Explains what information a petition must include. Explains RCRA regulations requiring test method equivalency petition. Discusses EPA petition review process and describes the basic statistical procedures for evaluating test method equivalency. Describes how a petition is prepared, with a sample format. Includes example of test method petition.

(EPA/SW-87-008)

02/15/87

Order Number: PB87-178-349

Order Form: NTIS

### **Test Methods for Evaluating Solid Waste: Physical/Chemical Methods; Second Edition**

Includes the second edition of "Test Methods for Evaluating Solid Waste." Contains procedures which may be used by regulated community or others to determine whether waste is hazardous as determined by Section 3001 RCRA. Manual provides the methodology for collecting representative samples of waste and for determining ignitability, corrosivity, reactivity, Extraction Procedure (EP), and composition of waste.

(EPA/SW-846)

07/15/82

Order Number: PB87-120-291/AS

Order Form: NTIS

### **Test Methods for Evaluating Solid Waste: Physical/Chemical Methods; Third Edition; Volumes IA, IB, IC, and II**

Provides test procedures which may be used to evaluate properties of solid waste which determine whether waste is hazardous within the definition of Section 3001, RCRA. Encompasses methods for collecting samples of solid wastes, and for determining reactivity, corrosivity, ignitability, and composition of wastes and mobility of toxic species present. Government Printing Office provides basic volumes and updates on a subscription basis.

(EPA/SW-846)

11/15/86

Order Number: 955-001-00000-1

Order Form: GPO

Order Number: PB88-239-223

Order Form: NTIS

### **Test Methods for Evaluating Solid Waste: Physical/Chemical Methods; Third Edition: Proposed Update Package**

Brings current test procedures and guidance recommended for conducting evaluations, and measurements needed to comply with RCRA. Methods approved by EPA for obtaining data to satisfy requirements of 40 CFR parts 122-270. Manual represents state-of-the-art in routine analytical testing adapted for RCRA program.

(EPA/SW-846.3-1)

01/23/89

Order Number: 955-001-00000-1

Order Form: GPO

Order Number: PB89-148-076

Order Form: NTIS

### **Third Report to Congress: Resource Recovery and Source Reduction**

Reports on the recovery of resources from waste and the reduction of waste generation. Examines policy issues, reviews technological progress, summarizes city and state activities, and reviews EPA studies and investigations for 1974. Chapter-by-chapter summaries of report given.

(EPA/SW-448)

01/15/75

Order Number: PB88-174-677

Order Form: NTIS

### **Toxicity Characteristic Leaching Procedure; Background Document on Resource Conservation and Recovery Act, Subtitle C, Hazardous Waste Management System, Section 3001, Identification and Listing of Hazardous Waste**

Presents the identified characteristic which, if exhibited by a waste, would indicate a hazardous waste, Extraction Procedure (EP) Toxicity Characteristic (EPTC). Major drawback of EP is that it is optimized for evaluating the leaching of elemental versus organic contaminants. Detailed information on the development of second-generation leaching procedure, Toxicity Characteristic Leaching Procedure (TCLP).

03/10/86

Order Number: PB87-154-886/AS

Order Form: NTIS



### **Toxicity Characteristic Regulatory Impact Analysis**

Examines costs and benefits of expanded Toxicity Characteristic (TC) used to identify hazardous wastes regulated under Subtitle C, RCRA. Document fulfills requirements of Executive Order 12291, requiring EPA to prepare RIAs for all major rulemakings.

(EPA/530-SW-90-088) 03/15/90

Order Number: PB91-101 873 Order Form: NTIS

### **Tracking Medical Wastes (Brochure)**

Covers EPA's demonstration program. Waste includes cultures and stocks of infectious agents, pathological wastes, human blood and blood products, sharp implements, contaminated animals waste, and isolation waste from patients with highly communicable diseases. Covers pre-transporting requirements.

05/15/89

Order Number: EPA/530-SW-89-020 Order Form: OSW

### **Treatment Technology Background Document; Second Third; Final**

Includes descriptions of 23 treatment technologies, including information relevant to the use and understanding of background documents for each group of listed hazardous wastes, subject to RCRA Land Ban restrictions. Descriptions represent the revisions to previously published versions. New descriptions may be added as appropriate to describe technologies being considered for Best Demonstrated Available Technology selection for Third Third waste.

(EPA/530-SW-89-048A) 06/15/89

Order Number: PB89-221 410 Order Form: NTIS

### **Treatment Technology Background Document; Third Third; Final**

Discusses treatment technologies applicable to wastes subject to Land Disposal Restrictions (LDR) mandated by Congress as part of 1984 Hazardous and Solid Waste Amendments (HSWA) to RCRA. Discusses either the substantially diminished toxicity of hazardous constituents and/or the reduced likelihood of migration of such constituents from waste.

(EPA/530-SW-90-059Z) 01/15/91

Order Number: PB91-160 556 Order Form: NTIS

### **Trial Burn Observation Guide**

Assists regional and state regulatory staff in observing trial burns at hazardous waste incinerators. Provides background information about tests and identifies other documents and personnel that can provide additional assistance or information. Describes how to prepare for observing tests and how to conduct on-site activities during tests. Several checklists and data forms included.

(EPA/530-SW-89-027) 03/15/89

Order Number: PB89-179 543 Order Form: NTIS

### **Understanding the Small Quantity Generator Hazardous Waste Rules: A Handbook for Small Business**

Describes new requirements and provides step-by-step instructions to help generators of small quantities of hazardous wastes avoid noncompliance. Tells how to obtain an EPA identification number, use Uniform Hazardous Waste Manifest system, select EPA identified hazardous waste shippers, obtain hazardous waste storage permits, and ensure that hazardous waste is managed at a facility with interim status or a permit under RCRA. Update information also available by ordering EPA/530-SW-89-045.

09/15/86

Order Number: EPA/530-SW-86-019 Order Form: OSW

### **Unit Pricing: Providing an Incentive to Reduce Municipal Solid Waste**

Describes how customers are charged for waste collection and disposal services based on amount of trash generated with unit or variable-rate pricing. Describes how the system works, the benefits of unit pricing, and its implementation. Bibliography includes related EPA publications.

02/15/91

Order Number: EPA/530-SW-91-005 Order Form: OSW



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### **U.S. Department of Transportation Hazardous Materials Regulations as They Apply to the U.S. Environmental Protection Agency's Hazardous Waste Regulations**

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Explains the interface which occurs between DOT and EPA regulations when hazardous wastes are transported (Hazardous Materials Transportation Regulation HMTR). Manual does not address sections of HMTR dealing with transportation by pipeline. EPA regulations under sections 265. 1 and 260. 10 do not apply.

(EPA/SW-935)

11/01/81

Order Number: PB82-182 361

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### **Use of the Water Balance Method for Predicting Leachate Generation from Solid Waste Disposal Sites**

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Analyzes factors effecting percolation and its relationship to leachate generation. Discusses methodology to estimate leachate generation based on water balance method commonly used in soil and water conservation fields.

(EPA/SW-168)

10/15/75

Order Number: PB87-194 643

Order Form: NTIS

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### **Used Oil Recycling (Winter 1988)**

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Includes EPA's new initiative to promote used oil recycling. Other articles included are Project Rose promotes energy conservation, state contacts on used oil recycling, and Montgomery County, Maryland finds a solution.

03/15/88

Order Number: EPA/530-SW-88-047 Order Form: OSW

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### **Used Oil Recycling (Fall 1988)**

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Includes articles on curbside collection, county coordinators meeting in North Carolina, oil-saver packaging to increase recycling, educating drivers, and Washington state's used oil recycling program.

11/15/88

Order Number: EPA/530-SW-89-006 Order Form: OSW

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### **Used Oil Recycling (Fall 1990)**

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Offers EPA how-to manual and informational brochures on used oil recycling. Other articles describe how oil overcharge aids Florida recycling, Florida boosts recycling through incentives, and the partners involved in recycling in Georgia's Project PETRO.

10/15/90

Order Number: EPA/530-SW-90-068 Order Form: OSW

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### **Used Oil Recycling (Fall 1991)**

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Revisits EPA used oil management standards and listing in newsletter story. Focus on corporate America includes Mobil Corporation recycling forces and Amoco Oil striving for oil recovery. Other stories include state contacts on used oil recycling, and how EPA promotes used oil recycling.

10/15/91

Order Number: EPA/530-SW-91-071 Order Form: OSW

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### **Variable Rates in Solid Waste: Handbook for Solid Waste Officials; Volume I: Executive Summary**

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Points out potential benefits of moving toward variable rates, and potential costs. Manual and companion volume designed to assist managers and analysts in carrying out analysis of options available in jurisdiction, and to alert managers of issues, interdependencies, options, suggestions, and solutions.

06/15/90

Order Number: EPA/530-SW-90-084A Order Form: OSW

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### **Variable Rates in Solid Waste: Handbook for Solid Waste Officials; Volume II: Detailed Manual**

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Assists solid waste officials in analyzing solid waste system changes. Emphasis on factors related to changes to fee system. Includes six major parts with tables of contents.

(EPA/530-SW-90-084B)

06/15/90

Order Number: PB90-272 063 Order Form: NTIS



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**Waste Analysis Plans; A Guidance Manual**

Provides guidance to permit applicants and reviewers and writers for preparation and evaluation of waste analysis plans. Explains RCRA regulations that require waste analysis plan, discusses purpose and objectives of waste analysis plan, and recommends approach for preparing plan.

10/15/84

Order Number: EPA/530-SW-84-012 Order Form: OSW

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**Waste Minimization: Environmental Quality with Economic Benefits**

Focuses on EPA's waste minimization program under 1984 RCRA amendments. Describes general waste minimization practices and lists federal and state offices that can assist generators in initiating or expanding programs.

04/15/90

Order Number: EPA/530-SW-90-044 Order Form: OSW

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**Waste Minimization; Executive Summary**

Recommends that generators should determine which waste minimization techniques are economically practicable and that EPA not specify requirements for waste minimization. EPA does plan to expand efforts in proposed three-point waste minimization strategy. Strategy includes information gathering, core waste minimization program, and longer term options.

10/15/86

Order Number: EPA/530-SW-86-041A Order Form: OSW

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**Waste Minimization in Metals Parts Cleaning**

Offers significant and often cost-effective opportunities to reduce emissions and discharges of toxic pollutants. General strategy for minimizing waste is presented. Gives options in-solvent cleaning, aqueous-based cleaning, and abrasive cleaning applications. Includes bibliography.

08/15/89

Order Number: EPA/530-SW-89-049 Order Form: OSW

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**Yard Waste Composting: A Study of Eight Programs**

Focuses on composting yard waste which has potential as a MSW management option in the United States. Highlights eight programs, with program locations noted on map.

(EPA/530-SW-89-038)

04/15/89

Order Number: PB90-163 114

Order Form: NTIS

**Section 2**  
***Alphabetical Listing of Subjects***

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## Alphabetical Listing of Subjects

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### ACETALDEHYDE PRODUCTION WASTES

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- Best Demonstrated Available Technology (BDAT) Background Document for K009 and K010 (Final)
- Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 1: Treatment Standards Related Comments

### ACETONE PRODUCTION WASTES

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- Best Demonstrated Available Technology (BDAT) Background Document for K022 (Non-CBI Version) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K022; Amendment (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1,1,1-Trichloroethane Wastewaters Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons

### ACRYLONITRILE WASTES

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- Best Demonstrated Available Technology (BDAT) Background Document for K011, K013, and K014 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K011, K013, and K014; Addendum for Acrylonitrile Wastes (Final)
- Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 1: Treatment Standards Related Comments
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-K: BDAT Related Comments; F025: Wastes from the Production of Chlorinated Aliphatics; K002-K008: Inorganic Pigments; K011, K013, K014: Acrylonitriles; K015: Still Bottoms from Benzal Chloride; K046: Wastewater Treatment Sludges from Manufacturing, Formulating, and

Loading of Lead-Based Initiating Compounds; K061: Electric Arc Furnace Dust; and K069: Emission Control Dust/Sludge from Secondary Lead Smelting

### AIR EMISSIONS

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- Emissions Testing of a Precalciner Cement Kiln at Louisville, Nebraska
- Emissions Testing of a Wet Cement Kiln at Hannibal, Missouri; Draft Final Report
- Environmental Fact Sheet: Tighter Controls Proposed for Hazardous Waste Incinerators
- Evaluation Guidelines for Toxic Air Emissions from Land Disposal Facilities
- General and Interim Status Standards for Tanks (40 CFR 264 and 265, Subpart J); Interim Status Standards for Chemical, Physical, and Biological Treatment (40 CFR 265, Subpart Q); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Guidance Document for Subpart F: Air Emission Monitoring; Land Disposal Toxic Air Emissions Evaluation Guideline
- Hospital Waste Combustion Study: Data Gathering Phase; Final Report
- Incineration Standards (40 CFR 264 and 265, Subpart O); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Measurements of Particulates, Metals, and Organics at a Hazardous Waste Incinerator
- Metals Control Efficiency Test at a Dry Scrubber and Baghouse Equipped Hazardous Waste Incinerator
- Methods Manual for Compliance with the BIF Regulations: Burning Hazardous Waste in Boilers and Industrial Furnaces
- Municipal Waste Combustion Study: Assessment of Health Risks Associated With Exposure to Municipal Waste Combustion Emissions
- Municipal Waste Combustion Study: Control of Organic Emissions
- Municipal Waste Combustion Study: Emissions Data Base for Municipal Waste Combustors
- Municipal Waste Combustion Study: Report to Congress



- Performance Test on a Spray Dryer, Fabric Filter, and Wet Scrubber; Draft Test Report
- Permitting of Land Disposal Facilities: Groundwater and Air Emission Monitoring
- Pilot-Scale ESP and Hydro-Sonic Scrubber Parametric Tests for Particulate, Metals, and HCl Emissions; John Zink Company Research Facility; Tulsa, Oklahoma; Draft Test Report
- RCRA Permit Policy Compendium, Volume 11
- Technical Evaluation of the Combustion System of the Marine Shale Processors, Inc. Facility in Amelia, Louisiana
- Technical Guidance Document: Inspection Techniques for the Fabrication of Geomembrane Field Seams
- Technical Guidance for Corrective Measures: Determining Appropriate Technology and Response for Air Releases; Draft Final Report

### ALTERNATE CONCENTRATION LIMITS (ACL)

- Alternate Concentration Limit Guidance; Part I: ACL Policy and Information Requirements; Part II: Based on 264.94(B) Criteria; Case Studies

### ALUMINUM

see MARKETS—ALUMINUM

see SOLID WASTE RECYCLING—ALUMINUM

### ANILINE PRODUCTION WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for Distillation Bottoms from the Production of Aniline, K083 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K103 and K104 (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1,1,1-Trichloroethane Wastewaters Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons

### ARSENIC WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for K031, K084, K101, K102, Characteristic Arsenic Wastes (D004), Characteristic Selenium Wastes (D010), and P and U Wastes Containing Arsenic and Selenium Listing Constituents (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K101 and K102 Low Arsenic Subcategory (Final)
- Pilot-Scale ESP and Hydro-Sonic Scrubber Parametric Tests for Particulate, Metals, and HCl Emissions; John Zink Company Research Facility; Tulsa, Oklahoma; Draft Test Report
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-E: BDAT Related Comments; D004: Characteristic Wastes for Arsenic and K, P, and U Wastes Containing Arsenic; and D010: Characteristic Wastes for Selenium
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-1: Capacity Related Comments

### ASBESTOS

- Asbestos Waste Management Guidance: Generation, Transport, Disposal

### ASH

- Characterization of Municipal Waste Combustion Ash, Ash Extracts, and Leachates
- Characterization of MWC Ashes and Leachates from MSW Landfills, Monofills, and Co-Disposal Sites (Complete Set)
- Emissions Testing of a Precalciner Cement Kiln at Louisville, Nebraska
- Emissions Testing of a Wet Cement Kiln at Hannibal, Missouri; Draft Final Report
- Environmental Fact Sheet: EPA Guideline for Purchasing Cement and Concrete Containing Fly Ash
- Environmental Fact Sheet: Report Analyzes Municipal Waste Combustion Ash, Ash Extracts, and Leachates
- Municipal Waste Combustion Ash and Leachate Characterization; Monofill Baseline Year; Woodburn Monofill; Woodburn, Oregon

### BARIUM WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for Barium Wastes D005 and P013 (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule;

To order a document, you need a document ordering number. Go to *Section 1, Abstracts*, for this information.



Volume 1-F: BDAT Related Comments; D005: Characteristic Wastes for Barium and P013; and D006: Characteristic Wastes for Cadmium

## BATTERIES

see MARKETS—BATTERIES

see SOLID WASTE RECYCLING—BATTERIES

## BENZYL CHLORIDE WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for K015 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K015; Addendum (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-K: BDAT Related Comments; F025: Wastes from the Production of Chlorinated Aliphatics; K002-K008: Inorganic Pigments; K011, K013, K014: Acrylonitriles; K015: Still Bottoms from Benzyl Chloride; K046: Wastewater Treatment Sludges from Manufacturing, Formulating, and Loading of Lead-Based Initiating Compounds; K061: Electric Arc Furnace Dust; and K069: Emission Control Dust/Sludge from Secondary Lead Smelting

## BEVILL AMENDMENT

see Mining Wastes

## BUILDING INSULATION

see PROCUREMENT—BUILDING INSULATION

## BURNING [HAZARDOUS WASTE]

see also COMBUSTION [NON-HAZARDOUS WASTE]

- Background Information Document for the Development of Regulations to Control the Burning of Hazardous Wastes in Boilers and Industrial Furnaces (Complete Set)
- Commercial Treatment/Recovery Data Set
- Commercial Treatment/Recovery TSDR Survey Data Set
- Emissions Testing of a Precalciner Cement Kiln at Louisville, Nebraska
- Emissions Testing of a Wet Cement Kiln at Hannibal, Missouri; Draft Final Report
- Engineering Handbook for Hazardous Waste Incineration
- Environmental Fact Sheet: Amendment to Requirements for Hazardous Waste Incinerator Permits
- Environmental Fact Sheet: Amendment to the Regulations for Burning Hazardous Waste in Boilers and Industrial Furnaces

- Environmental Fact Sheet: Coke Ovens Temporarily Exempted from BIF Rule Provisions
- Environmental Fact Sheet: Coke Wastes Proposed as Hazardous
- Environmental Fact Sheet: Hazardous Waste Boilers and Industrial Furnaces Now Under Strict RCRA Regulations
- Environmental Fact Sheet: Tighter Controls Proposed for Hazardous Waste Incinerators
- Guidance Manual for Hazardous Waste Incinerator Permits; Final Report
- Hazardous Waste Incineration Permitting Study
- Hazardous Waste Incineration: Questions and Answers
- Hospital Waste Combustion Study: Data Gathering Phase; Final Report
- Incineration Standards (40 CFR 264 and 265, Subpart O); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Interim Status Standards for Thermal Treatment Processes Other Than Incineration and for Open Burning (40 CFR 265, Subpart P); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Measurements of Particulates, Metals, and Organics at a Hazardous Waste Incinerator
- Metals Control Efficiency Test at a Dry Scrubber and Baghouse Equipped Hazardous Waste Incinerator
- Methods Manual for Compliance with the BIF Regulations: Burning Hazardous Waste in Boilers and Industrial Furnaces
- Mobile Incineration: An Analysis of the Industry
- Performance Test on a Spray Dryer, Fabric Filter, and Wet Scrubber; Draft Test Report
- Permitting Hazardous Waste Incinerators
- Pilot-Scale ESP and Hydro-Sonic Scrubber Parametric Tests for Particulate, Metals, and HCl Emissions; John Zink Company Research Facility; Tulsa, Oklahoma; Draft Test Report
- Proposed Additions to Standards for Hazardous Waste Incineration (40 CFR 264.342 and 264.343); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- RCRA Permit Policy Compendium, Volume 8
- Report to Congress: Wastes from the Combustion of Coal by Electric Utility Power Plants
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-1: Capacity Related Comments
- Technical Evaluation of the Combustion System of the Marine Shale Processors, Inc. Facility in Amelia, Louisiana

To order a document, you need a document ordering number. Go to *Section 1, Abstracts*, for this information.



- Technical Implementation Document for EPA's Boiler and Industrial Furnace Regulations
- Trial Burn Observation Guide

## **CADMIUM WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for D006 Cadmium Wastes (Final)
- Characterization of Municipal Waste Combustion Ash, Ash Extracts, and Leachates
- Characterization of Products Containing Lead and Cadmium in Municipal Solid Waste in the United States, 1970 to 2000
- Environmental Fact Sheet: Report Analyzes Municipal Waste Combustion Ash, Ash Extracts, and Leachates
- Pilot-Scale ESP and Hydro-Sonic Scrubber Parametric Tests for Particulate, Metals, and HCl Emissions; John Zink Company Research Facility; Tulsa, Oklahoma; Draft Test Report
- Preliminary Use and Substitutes Analysis of Lead and Cadmium in Products in Municipal Solid Waste
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-F: BDAT Related Comments; D005: Characteristic Wastes for Barium and P013; and D006: Characteristic Wastes for Cadmium
- Technical Studies Supporting the Mining Waste Regulatory Determination

## **CALIFORNIA LIST WASTES**

- Land Disposal Restrictions Summary; Volume II: California List Wastes

## **CEMENT**

see PROCUREMENT—CEMENT AND CEMENT PRODUCTS CONTAINING FLY ASH

## **CHEMICALS**

see INORGANIC CHEMICALS

see ORGANIC CHEMICALS

## **CHLORIDE PRODUCTION WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for K016, K018, K019, K020, and K030 (Final)

## **CHLORINATED ALIPHATIC HYDROCARBON PRODUCTION WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Chlorinated Aliphatic Hydrocarbons, F024 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Chlorinated Aliphatic Hydrocarbons, F024; Amendment (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Chlorinated Aliphatics F025 (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-K: BDAT Related Comments; F025: Wastes from the Production of Chlorinated Aliphatics; K002-K008: Inorganic Pigments; K011, K013, K014: Acrylonitriles; K015: Still Bottoms from Benzyl Chloride; K046: Wastewater Treatment Sludges from Manufacturing, Formulating, and Loading of Lead-Based Initiating Compounds; K061: Electric Arc Furnace Dust; and K069: Emission Control Dust/Sludge from Secondary Lead Smelting
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1,1,1-Trichloroethane Wastewaters Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons

## **CHLORINE PRODUCTION WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for K071 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K073 (Final)
- Listing of Hazardous Waste; Finalization of July 16, 1980, Hazardous Waste List (40 CFR 261.31 and 261.32); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-L: BDAT Related Comments; K071 and K106: Mercury Cell Process Wastes; K086: Residues from Ink Production Wastes Containing Cyanide



## CHLOROBENZENE WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for Halogenated Pesticide and Chlorobenzene Wastes (K032-K034, K041, K042, K085, K097, K098, K105, and D012-D017)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-N: BDAT Related Comments; Halogenated Organic, Pharmaceutical, Brominated Organic, Organo-Sulfur Compounds, and Organo-Nitrogen Compound Wastes; and Halogenated Pesticide and Chlorobenzene, Halogenated Phenolic, and Phenolic Wastes

## CHROMIUM WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for Chromium Wastes D007 and U032 (Final)
- Pilot-Scale ESP and Hydro-Sonic Scrubber Parametric Tests for Particulate, Metals, and HCl Emissions; John Zink Company Research Facility; Tulsa, Oklahoma; Draft Test Report
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-G: BDAT Related Comments; D007: Characteristic Wastes for Chromium

## CLOSURE/POST-CLOSURE

see also PERMITS AND PERMITTING

- Closure of Hazardous Waste Surface Impoundments
- Closure/Post-Closure and Financial Responsibility Requirements for Hazardous Waste Treatment, Storage, and Disposal Facilities; Final Rule; Background Document
- Closure/Post-Closure Interim Status Standards (40 CFR 265, Subpart G): Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004
- Criteria for Municipal Solid Waste Landfills: Closure and Post-Closure Care and Financial Responsibility Requirements (Subpart C, Sections 258.30-258.32); Draft Background Document
- Environmental Fact Sheet: Changes to Interim Status Facilities; Modifications to Hazardous Waste Permits; Procedures for Post-Closure Permitting
- Environmental Fact Sheet: Delay of Closure Period for Hazardous Waste Facilities
- Environmental Fact Sheet: Proposed Revisions to the Subtitle C Financial Responsibility Requirements
- Equivalency of State Financial Responsibility Mechanisms

- Final Draft Guidance for Subpart G of the Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
- Financial Assurance for Closure and Post-Closure Care; Requirements for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; A Guidance Manual
- Guidance Manual for Cost Estimates for Closure and Post-Closure Plans (Subparts G and H); Volume I: Treatment and Storage Facilities; Volume II: Land Disposal Facilities; Volume III: Unit Costs; Volume IV: Documentation
- Guidance Manual on Hazardous Waste Land Treatment Closure/Post-Closure (40 CFR Part 265)
- Interim Status Standards and General Status Standards for Closure and Post-Closure Care (40 CFR 264 and 265, Subpart G); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- National Criteria for a Quality Hazardous Waste Management Program
- Post-Closure Liability Trust Fund Simulation Model; Volume I: Model Overview and Results; Volume II: Graphs and Tables of Model Results; Volume III: Model Description
- Protocol for Evaluating Interim Status Closure/Post-Closure Plans
- Questions and Answers Regarding the July 14, 1986, Hazardous Waste Tank System Regulatory Amendments
- RCRA Guidance Manual for Subpart G Closure and Post-Closure Care Standards and Subpart H Cost Estimating Requirements
- RCRA Permit Policy Compendium, Volume 7
- Report to the Congress of the United States on the Post-Closure Liability Trust Fund Under Section 3001(A)(2)(II) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- Technical Resource Document: Design, Construction, and Operation of Hazardous and Non-Hazardous Waste Surface Impoundments

## COKING OPERATIONS WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for K060 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K087 (Final)
- Environmental Fact Sheet: Coke Ovens Temporarily Exempted from BIF Rule Provisions
- Environmental Fact Sheet: Coke Wastes Proposed as Hazardous
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-K: BDAT Related Comments; F025: Wastes from



(Continued)

the Production of Chlorinated Aliphatics; K002-K008: Inorganic Pigments; K011, K013, K014: Acrylonitriles; K015: Still Bottoms from Benzyl Chloride; K046: Wastewater Treatment Sludges from Manufacturing, Formulating, and Loading of Lead-Based Initiating Compounds; K061: Electric Arc Furnace Dust; and K069: Emission Control Dust/Sludge from Secondary Lead Smelting

## **COMBUSTION [NON-HAZARDOUS WASTES]**

see MUNICIPAL SOLID WASTE—COMBUSTION

## **COMPOSTING**

- Decision-Makers Guide to Solid Waste Management
- Environmental Fact Sheet: Yard Waste Composting
- Reusable News (Fall 1991)
- Reusable News (Spring 1990)
- Reusable News (Winter 1991)
- Solid Waste Dilemma: An Agenda for Action; Background Document; Appendices A-C
- Yard Waste Composting: A Study of Eight Programs

## **CORRECTIVE ACTION**

- Compendium of ORD and OSWER Documents Relevant to RCRA Corrective Action
- Corrective Measures for Releases to Groundwater from Solid Waste Management Units; Draft Final Report
- Corrective Measures for Releases to Soil from Solid Waste Management Units; Draft Final Report
- Corrective Measures for Releases to Surface Waters, Draft Final Report
- Criteria for Municipal Solid Waste Landfills: Groundwater Monitoring and Corrective Action (Subpart E)
- Environmental Fact Sheet: Proposed Rulemaking on Corrective Action for Solid Waste Management Units at Hazardous Waste Management Facilities
- National Criteria for a Quality Hazardous Waste Management Program
- National RCRA Corrective Action Strategy
- RCRA Corrective Action Interim Measures Guidance; Interim Final
- RCRA Corrective Action Plan; Interim Final
- RCRA Environmental Indicators; FY 1991 Progress Report and Implementation Plan for the Future
- RCRA Facility Investigation (RFI) Guidance; Interim Final
- RCRA Implementation Plans (RIP); Fiscal Years: 1987-1992
- RCRA Implementation Plan (RIP); Fiscal Year 1993

- RCRA Permit Policy Compendium, Volume 9
- Regulatory Impact Analysis for the Proposed Rulemaking on Corrective Action for Solid Waste Management Units
- Technical Guidance Document: Inspection Techniques for the Fabrication of Geomembrane Field Seams
- Technical Guidance for Corrective Measures: Determining Appropriate Technology and Response for Air Releases; Draft Final Report
- Technical Guidance for Corrective Measures: Subsurface Gas

## **CORROSIVE WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for Characteristic Ignitable Wastes (D001), Characteristic Corrosive Wastes (D002), Characteristic Reactive Wastes (D003), and P and U Wastes Containing Reactive Listing Constituents (Final)
- Corrosivity Characteristic (40 CFR 261.22); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-C: BDAT Related Comments; D002: Characteristic Corrosive Wastes
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-1: Capacity Related Comments

## **CREOSOTE WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for K001 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K001 (Addendum) and U051 (Creosote)
- Best Demonstrated Available Technology (BDAT) Background Document for Wastewater Treatment Sludges Generated in the Production of Creosote K035 (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1,1,1-Trichloroethane Wastewaters Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons

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## CYANIDE WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for Cyanide Wastes (F006, F007-F012, F019, and Various P and U Codes) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Cyanide Wastes; Addendum for F019 (Final)
- Quantities of Cyanide-Bearing and Acid-Generating Wastes Generated by the Mining and Beneficiating Industries, and the Potentials for Contaminant Release
- Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 1: Treatment Standards Related Comments
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-L: BDAT Related Comments; K071 and K106: Mercury Cell Process Wastes; K086: Residues from Ink Production Wastes Containing Cyanide

## DELISTING PETITIONS

- Criteria for Identifying Characteristics of Hazardous Waste (40 CFR 261.10); Criteria for Listing Hazardous Waste (40 CFR 261.11); Petitions to Amend Part 261 to Exclude a Waste Produced at a Particular Facility (40 CFR 260.22); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Environmental Fact Sheet: Delisting Regulation Amendment
- Environmental Fact Sheet: Notification of Groundwater Monitoring Policy for Delisting Petitions
- Petitions to Delist Hazardous Wastes; A Guidance Manual
- RCRA Permit Policy Compendium, Volume 2

## DIMETHYLHYDRAZINE PRODUCTION WASTES

- Environmental Fact Sheet: Treatment Standards Proposed for 20 Newly Listed Hazardous Wastes and Contaminated Debris

## DIOXINS

- Guidance for Implementing the RCRA Dioxin Listing Rule
- Land Disposal Restrictions Summary; Volume I: Solvents and Dioxins
- National Dioxin Study
- Questions and Answers on Land Disposal Restrictions for Solvents and Dioxins
- Regulatory Determination: Landfills and Surface Impoundments Receiving Pulp and Paper Mill Sludge

- Test Method 8290: Procedures for the Detection and Measurement of PCDDs and PCDFs

## DISULFOTON PRODUCTION WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for K037 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K037; Amendment (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-O: BDAT Related Comments; K048-K052: Petroleum Refining Industry Wastes; K036: Organophosphorous Wastes (Nonwastewaters); K037: Wastewater Treatment Sludges from the Production of Disulfoton

## D-WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for Barium Wastes D005 and P013 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Characteristic Ignitable Wastes (D001), Characteristic Corrosive Wastes (D002), Characteristic Reactive Wastes (D003), and P and U Wastes Containing Reactive Listing Constituents (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Chromium Wastes D007 and U032 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for D006 Cadmium Wastes (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for D008 and P and U Lead Wastes (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Halogenated Pesticide and Chlorobenzene Wastes (K032-K034, K041, K042, K085, K097, K098, K105, and D012-D017) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K031, K084, K101, K102, Characteristic Arsenic Wastes (D004), Characteristic Selenium Wastes (D010), and P and U Wastes Containing Arsenic and Selenium Listing Constituents (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Mercury-Containing Wastes (D009, K106, P065, P092, and U151) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Silver-Containing Wastes D011, P099, P104 (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-B: BDAT Related Comments; D001: Characteristic Ignitable Wastes



- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-C: BDAT Related Comments; D002: Characteristic Corrosive Wastes
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-D: BDAT Related Comments; D003: Characteristic Reactive Wastes and P and U Wastes Containing Reactive Listing Constituents
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-E: BDAT Related Comments; D004: Characteristic Wastes for Arsenic and K, P, and U Wastes Containing Arsenic; and D010: Characteristic Wastes for Selenium
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Wastes for Selenium
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-F: BDAT Related Comments; D005: Characteristic Wastes for Barium and P013; and D006: Characteristic Wastes for Cadmium
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-G: BDAT Related Comments; D007: Characteristic Wastes for Chromium
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-H: BDAT Related Comments; D008: Characteristic Wastes for Lead and P and U Wastes Containing Lead
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-I: BDAT Related Comments; D009: Characteristic Wastes for Mercury and P and U Wastes Containing Mercury; K045, K046, and K047: Wastes from the Manufacturing and Processing of Explosives; D011: Characteristic Wastes for Silver; P119, P120: Vanadium Containing Wastes; and P and U Wastes Containing Thallium
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-N: BDAT Related Comments; Halogenated Organic, Pharmaceutical, Brominated Organic, Organo-Sulfur Compounds, and Organo-Nitrogen Compound Wastes; and Halogenated Pesticide and Chlorobenzene, Halogenated Phenolic, and Phenolic Wastes
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-1: Capacity Related Comments

## **EDUCATIONAL MATERIALS**

- Adventures of the Garbage Gremlin: Recycle and Combat a Life of Grime (Comic Book)
- Let's Reduce and Recycle: A Curriculum for Solid Waste Awareness

- Once There Lived a Wicked Dragon (Coloring Book)
- Recycle Today! Educational Materials for Grades K-12 (Brochure)
- Ride the Wave of the Future: Recycle Today! (Poster)
- School Recycling Programs: A Handbook for Educators

## **ELECTRIC ARC FURNACE DUST**

see STEEL PRODUCTION WASTES

## **ELECTROPLATING OPERATIONS WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for Cyanide Wastes (F006, F007-F012, F019, and Various P and U Codes) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for F006 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for F006; Addendum (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-J: BDAT Related Comments; Mixed Radioactive Hazardous Wastes; Polynuclear Aromatic U Wastes; Halogenated Aliphatic U Wastes; Non-Halogenated Aromatic U Wastes; F002-F005: Solvents; F006: Electroplating Wastewater Treatment Sludges; and F019: Aluminum Conversion Coating Treatment Sludges

## **ENFORCEMENT**

see LIABILITY AND ENFORCEMENT

## **EPICHLOROHYDRIN PRODUCTION WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Epichlorohydrin, K017 (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1,1,1-Trichloroethane Wastewaters Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons

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## **ETHYLENEBISDITHIOCARBAMIC ACID PRODUCTION WASTES**

- Environmental Fact Sheet: Treatment Standards Proposed for 20 Newly Listed Hazardous Wastes and Contaminated Debris

## **ETHYLENE DIBROMIDE PRODUCTION WASTES**

- Environmental Fact Sheet: Treatment Standards Proposed for 20 Newly Listed Hazardous Wastes and Contaminated Debris

## **EXPLOSIVES PRODUCTION WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for K046 Nonreactive Subcategory (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K046; Addendum
- Memorandum to the Docket Regarding Final Treatment Standards for Nonwastewater and Wastewater Forms of K044, K045, and K047
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-I: BDAT Related Comments; D009: Characteristic Wastes for Mercury and P and U Wastes Containing Mercury; K045, K046, and K047: Wastes from the Manufacturing and Processing of Explosives; D011: Characteristic Wastes for Silver; P119, P120: Vanadium Containing Wastes; and P and U Wastes Containing Thallium
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-K: BDAT Related Comments; F025: Wastes from the Production of Chlorinated Aliphatics; K002-K008: Inorganic Pigments; K011, K013, K014: Acrylonitriles; K015: Still Bottoms from Benzyl Chloride; K046: Wastewater Treatment Sludges from Manufacturing, Formulating, and Loading of Lead-Based Initiating Compounds; K061: Electric Arc Furnace Dust; and K069: Emission Control Dust/Sludge from Secondary Lead Smelting

## **FINANCIAL ASSURANCE**

see LIABILITY AND ENFORCEMENT

## **FINANCING**

see GRANTS AND FINANCING

## **FLY ASH**

see ASH

see PROCUREMENT—CEMENT AND CEMENT PRODUCTS CONTAINING FLY ASH

## **F-WASTES**

- Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions; Volumes I and II
- Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions: Solvent Waste Volumes and Characteristics, Required Treatment and Recycling Capacity, and Available Treatment and Recycling
- Best Demonstrated Available Technology (BDAT) Background Document for Cyanide Wastes (F006, F007-F012, F019, and Various P and U Codes) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Cyanide Wastes; Addendum for F019 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for F001-F005 Spent Solvents (Complete Set)
- Best Demonstrated Available Technology (BDAT) Background Document for F001-F005 Spent Solvents; Volumes 1-3
- Best Demonstrated Available Technology (BDAT) Background Document for F001-F005 Spent Solvents; Amendment to Volumes 1 and 2 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for F002 (1,1,2-Trichloroethane) and F005 (Benzene, 2-Ethoxyethanol, and 2-Nitropropane); Amendment (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for F006 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for F006; Addendum (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume A: Wastewater Forms of Organic U and P Wastes and Multisource Leachate (F039) for which there are Concentration-Based Treatment Standards
- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume B: U and P Wastewaters and Nonwastewaters with Methods of Treatment as Treatment Standards
- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume C: Nonwastewater Forms of Organic U and P Wastes and Multisource Leachate (F039) for which there are Concentration-Based Treatment Standards
- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume D: Reactive U and P Wastewaters and Nonwastewaters



- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume E: U and P Gaseous Wastes
- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Chlorinated Aliphatic Hydrocarbons, F024 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Chlorinated Aliphatic Hydrocarbons, F024; Amendment (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Chlorinated Aliphatics F025 (Final)
- Environmental Fact Sheet: EPA Amends Primary Petroleum Sludge Listing
- Environmental Fact Sheet: Listing of Wastes from Primary Treatment of Oily Wastewaters
- Environmental Fact Sheet: Treatment Standards Proposed for 20 Newly Listed Hazardous Wastes and Contaminated Debris
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-J: BDAT Related Comments; Mixed Radioactive Hazardous Wastes; Polynuclear Aromatic U Wastes; Halogenated Aliphatic U Wastes; Non-Halogenated Aromatic U Wastes; F002-F005: Solvents; F006: Electroplating Wastewater Treatment Sludges; and F019: Aluminum Conversion Coating Treatment Sludges
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-K: BDAT Related Comments; F025: Wastes from the Production of Chlorinated Aliphatics; K002-K008: Inorganic Pigments; K011, K013, K014: Acrylonitriles; K015: Still Bottoms from Benzyl Chloride; K046: Wastewater Treatment Sludges from Manufacturing, Formulating, and Loading of Lead-Based Initiating Compounds; K061: Electric Arc Furnace Dust; and K069: Emission Control Dust/Sludge from Secondary Lead Smelting
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1,1,1-Trichloroethane Wastewaters Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-2: Capacity Related Comments

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## **GENERATORS**

*see also* SMALL QUANTITY GENERATORS

- Asbestos Waste Management Guidance: Generation, Transport, Disposal
- Environmental Fact Sheet: Nineteen Eighty-Five National Biennial Report of Hazardous Waste Generators and Treatment, Storage, and Disposal Facilities
- Land Disposal Restrictions Summary; Volume I: Solvents and Dioxins
- Low-Level Mixed Waste: A RCRA Perspective for NRC Licensees
- Managing and Tracking Medical Wastes: A Guide to the Federal Program for Generators
- Manifest System, Recordkeeping, and Reporting (40 CFR 264 and 265, Subpart E); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- National Survey of Hazardous Waste Generators and Treatment, Storage, Disposal and Recycling Facilities in 1986: Hazardous Waste Generation and Management
- National Survey of Hazardous Waste Generators and Treatment, Storage, Disposal and Recycling Facilities in 1986: Hazardous Waste Management in RCRA TSDR Units
- National Survey of Hazardous Waste Generators and Treatment, Storage, and Disposal Facilities Regulated Under RCRA in 1981
- The New Toxicity Characteristic Rule: Information and Tips for Generators
- Nineteen Eighty-Five National Biennial Report of Hazardous Waste Generators and Treatment, Storage, and Disposal Facilities Regulated Under RCRA; Volumes I and II
- Nineteen Eighty-Seven National Biennial RCRA Hazardous Waste Report
- RCRA Permit Policy Compendium, Volume 6
- Resource Conservation and Recovery Act Regulations Affecting Generators and Transporters (40 CFR 262 and 263); Explanation of Revisions in Reporting Burden Estimates

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## **GLASS**

*see* MARKETS—GLASS

*see* SOLID WASTE RECYCLING—GLASS

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## **GRANTS AND FINANCING**

- Decision-Makers Guide to Solid Waste Management
- RCRA Implementation Plans (RIP); Fiscal Years: 1987-1992
- RCRA Permit Policy Compendium, Volume 11



- Resource Recovery Plant Implementation; Guides for Municipal Officials: Accounting Format
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Financing

## GROUND WATER

- Alternate Concentration Limit Guidance; Part I: ACL Policy and Information Requirements; Part II: Based on 264.94(B) Criteria; Case Studies
- Background Document for the Groundwater Screening Procedure to Support 40 CFR 268 Land Disposal Restrictions
- Corrective Measures for Releases to Groundwater from Solid Waste Management Units; Draft Final Report
- Criteria for Identifying Areas of Vulnerable Hydrogeology under RCRA (Complete Set)
- Criteria for Municipal Solid Waste Landfills: Case Studies on Groundwater and Surface Water Contamination from Municipal Solid Waste Landfills
- Criteria for Municipal Solid Waste Landfills: Groundwater Monitoring and Corrective Action (Subpart E)
- Environmental Fact Sheet: EPA Amends Monitoring Well Requirements for Interim-Status Hazardous Waste Facilities
- Environmental Fact Sheet: Notification of Groundwater Monitoring Policy for Delisting Petitions
- Groundwater Monitoring (40 CFR 265, Subpart F); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Groundwater Monitoring Guidance for Owners and Operators of Interim Status Facilities
- Guidance on Issuing Permits to Facilities Required to Analyze Groundwater for Appendix VIII Constituents
- Hydrologic Simulation on Solid Waste Disposal Sites
- Methods for the Storage and Retrieval of RCRA Groundwater Monitoring Data on STORET; User's Manual
- Permitting of Land Disposal Facilities: Groundwater and Air Emission Monitoring
- Permitting of Land Disposal Facilities: Groundwater Protection Standard
- Procedures Manual for Groundwater Monitoring at Solid Waste Disposal Facilities
- RCRA Groundwater Monitoring Compliance Order Guidance
- RCRA Groundwater Monitoring Technical Enforcement Guidance Document (TEGD) (Final)
- RCRA Permit Policy Compendium, Volume 7
- Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities; Interim Final Guidance

- Subtitle D Study: Phase I Report

## HALOGENATED PESTICIDE WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for Halogenated Pesticide and Chlorobenzene Wastes (K032-K034, K041, K042, K085, K097, K098, K105, and D012-D017)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-N: BDAT Related Comments; Halogenated Organic, Pharmaceutical, Brominated Organic, Organo-Sulfur Compounds, and Organo-Nitrogen Compound Wastes; and Halogenated Pesticide and Chlorobenzene, Halogenated Phenolic, and Phenolic Wastes

## HAZARDOUS WASTE DATA

- Assessment of Hazardous Waste Mismanagement Damage Case Histories
- Best Demonstrated Available Technology (BDAT) Background Document for Quality Assurance/Quality Control Procedures and Methodology (Final)
- Chemical, Physical, and Biological Properties of Compounds Present at Hazardous Waste Sites (Final Report)
- Compilation of Current Practices at Land Disposal Facilities: Summary of Liner and Leak Detection Designs, Action Leakage Rates, Response Action Plans, and Management of Liquids in Landfills
- Composition and Management of Used Oil Generated in the United States; Appendix
- Environmental Fact Sheet: Capacity Assurance Planning and the 1991 Biennial Report
- Environmental Fact Sheet: Nineteen Eighty-Five National Biennial Report of Hazardous Waste Generators and Treatment, Storage, and Disposal Facilities
- Methods for the Storage and Retrieval of RCRA Groundwater Monitoring Data on STORET; User's Manual
- National Small Quantity Hazardous Waste Generator Survey; Final Report
- National Survey of Hazardous Waste Generators and Treatment, Storage, Disposal and Recycling Facilities in 1986: Hazardous Waste Generation and Management
- National Survey of Hazardous Waste Generators and Treatment, Storage, Disposal and Recycling Facilities in 1986: Hazardous Waste Management in RCRA TSDR Units
- National Survey of Hazardous Waste Generators and Treatment, Storage, and Disposal Facilities Regulated Under RCRA in 1981
- Nineteen Eighty-Five National Biennial Report of Hazardous Waste Generators and Treatment, Storage, and Disposal Facilities Regulated Under RCRA; Volumes I and II

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- Nineteen Eighty-Seven National Biennial RCRA Hazardous Waste Report
- Nineteen Eighty-Six National Screening Survey of Hazardous Waste Treatment, Storage, Disposal, and Recycling Facilities
- RCRA Implementation Plans (RIP); Fiscal Years 1987-1992
- RCRA Implementation Plan (RIP); Fiscal Year 1993
- Report on Minimum Criteria to Assure Data Quality
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-A-1: BDAT Related Comments; General BDAT Issues
- Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities; Interim Final Guidance
- Statistical Analysis of Mining Waste Data
- Summary Report of Capacity at Commercial Facilities; Volumes I and II
- Summary Report of Capacity at Limited Commercial and Company Captive Facilities; Draft; Volumes I and II
- Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Field Sampling and Analytical Results
- Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix A: Analytical Results
- Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix C: Sampling Reports; Volumes 1 and 2
- Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix E: Role and Function of EPA Sample Control Center
- Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix F: List of Analytes
- Trial Burn Observation Guide
- Criteria for Identifying Characteristics of Hazardous Waste (40 CFR 261.10); Criteria for Listing Hazardous Waste (40 CFR 261.11); Petitions to Amend Part 261 to Exclude a Waste Produced at a Particular Facility (40 CFR 260.22); Identification and Listing of Hazardous Waste under RCRA, Subtitle C, Section 3001
- Degree of Hazard as an Approach to Defining and Managing Hazardous Wastes; Identification and Listing of Hazardous Waste under RCRA, Subtitle C, Section 3001
- Does Your Business Produce Hazardous Waste? Many Small Businesses Do
  - Chemical Manufacturers
  - Cleaning and Cosmetics
  - Construction
  - Drycleaning and Laundry
  - Educational and Vocational Shops
  - Equipment Repair
  - Formulators
  - Furniture/Wood Manufacturing and Refinishing
  - Laboratories
  - Leather Products Manufacturing
  - Metal Manufacturing
  - Motor Freight Terminals/Railroad Transport
  - Paper Industry
  - Pesticide End-Users/Application Services
  - Printing and Allied Industries
  - Textile Manufacturing
  - Uniform Hazardous Waste Manifest Instructions
  - Vehicle Maintenance
  - Wood Preserving
- Environmental Fact Sheet: Coke Wastes Proposed as Hazardous
- Environmental Fact Sheet: EPA Amends Primary Petroleum Sludge Listing
- Environmental Fact Sheet: EPA Issues Interim Final Regulations on the "Mixture" and "Derived-from" Rules
- Environmental Fact Sheet: EPA Proposes Revised Hazardous Waste Identification Rule
- Environmental Fact Sheet: Final Rule for Third Third Scheduled Wastes Completes Statutory Requirements for Land Disposal Restrictions
- Environmental Fact Sheet: Listing of Wastes from Primary Treatment of Oily Wastewaters
- Environmental Fact Sheet: Proposal Will List Wastes Generated during the Manufacture of Chlorinated Toluenes as Hazardous

## **HAZARDOUS WASTE IDENTIFICATION**

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- Best Demonstrated Available Technology (BDAT) Background Documents for First Third Wastes; Final Rule (Complete Set)
- Best Demonstrated Available Technology (BDAT) Background Documents for Second Third Wastes; Final Rule (Complete Set)
- Best Demonstrated Available Technology (BDAT) Background Documents for Third Third Wastes; Final Rule (Complete Set)
- Chemical, Physical, and Biological Properties of Compounds Present at Hazardous Waste Sites (Final Report)
- Corrosivity Characteristic (40 CFR 261.22); Identification and Listing of Hazardous Waste under RCRA, Subtitle C, Section 3001

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- Environmental Fact Sheet: Treatment Standards Proposed for 20 Newly Listed Hazardous Wastes and Contaminated Debris
- Fate and Transport of Hazardous Constituents; Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Guidance for Implementing the RCRA Dioxin Listing Rule
- Guidance for the Analysis of Refinery Wastes
- Guidance on the Definition and Identification of Commercial Mixed Low-Level Radioactive and Hazardous Waste and Answers to Anticipated Questions
- Hazardous Waste from Discarding of Commercial Chemical Products and the Containers and Spill Residues Thereof (40 CFR 261.33); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Health and Environmental Effects Profiles (40 CFR 261); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Ignitability Characteristic (40 CFR 261.21); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Infectious Waste (40 CFR 250.14); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Listing of Hazardous Waste; Finalization of July 16, 1980, Hazardous Waste List (40 CFR 261.31 and 261.32); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Listing of Hazardous Waste (40 CFR 261.31 and 261.32); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Ninety-Day Subchronic Oral Toxicity in Rats Test Materials: Pyridine; Volumes I and II
- Rat Oral Subchronic Toxicity Study; Final Report; Compound: Isobutyl Alcohol
- RCRA Permit Policy Compendium, Volumes 3-6
- Reactivity Characteristic (40 CFR 261.23); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Subchronic Toxicity of Meta-Cresol in Sprague Dawley Rats
- Subchronic Toxicity of Ortho-Cresol in Sprague Dawley Rats
- Subchronic Toxicity of Para-Cresol in Sprague Dawley Rats; MBA Chemical No. 25
- Teratologic Evaluation of 2,3,4,6-Tetrachlorophenol Administered to CD Rats on Gestational Days 6 Through 15; Final Report
- Teratologic Evaluation of 2,3,4,6-Tetrachlorophenol Administered to CD Rats on Gestational Days 6 Through 15; Final Report; Appendices I-IX

- Toxicity Characteristic Leaching Procedure; Background Document on Resource Conservation and Recovery Act, Subtitle C, Hazardous Waste Management System, Section 3001, Identification and Listing of Hazardous Waste

## **HAZARDOUS WASTE IDENTIFICATION—LISTING OF USED OIL**

- Composition and Management of Used Oil Generated in the United States
- Environmental Fact Sheet: No Hazardous Waste Listing for Used Oil That Is Being Disposed
- Used Oil Recycling (Fall 1991)

## **HAZARDOUS WASTE RECYCLING**

- Background Document for First Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Final Rule: First Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity
- Background Document for First Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Proposed Rule: First Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity; Parts I and II
- Background Document for Second Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Final Rule: Second Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity; Volumes I and II
- Background Document for Second Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Proposed Rule: Second Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity
- Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions; Volumes I and II
- Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions: Solvent Waste Volumes and Characteristics, Required Treatment and Recycling Capacity, and Available Treatment and Recycling
- Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Final Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; (Complete Set)
- Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Proposed Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity (Complete Set)
- Commercial Treatment/Recovery Data Set
- Commercial Treatment/Recovery TSDR Survey Data Set
- Directory of Commercial Hazardous Waste Management Facilities
- Environmental Fact Sheet: Coke Ovens Temporarily Exempted from BIF Rule Provisions



- Environmental Fact Sheet: Interim Final Rule Suspending Application of the Toxicity Characteristic for Used Chlorofluorocarbon Refrigerants Being Reclaimed
- Environmental Fact Sheet: New Treatment Standards Finalized for K061 High Zinc Subcategory Wastes
- Guidance Manual on the RCRA Regulation of Recycled Hazardous Wastes
- National Survey of Hazardous Waste Generators and Treatment, Storage, Disposal and Recycling Facilities in 1986: Hazardous Waste Generation and Management
- National Survey of Hazardous Waste Generators and Treatment, Storage, Disposal and Recycling Facilities in 1986: Hazardous Waste Management in RCRA TSDR Units
- Nineteen Eighty-Six National Screening Survey of Hazardous Waste Treatment, Storage, Disposal, and Recycling Facilities
- RCRA Permit Policy Compendium, Volume 9 General
- States' Efforts to Promote Lead-Acid Battery Recycling

## **HAZARDOUS WASTES**

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- Best Demonstrated Available Technology (BDAT) Background Documents for First Third Wastes; Final Rule (Complete Set)
- Best Demonstrated Available Technology (BDAT) Background Documents for Second Third Wastes; Final Rule (Complete Set)
- Best Demonstrated Available Technology (BDAT) Background Documents for Third Third Wastes; Final Rule (Complete Set)
- Definitions and General Provisions under RCRA, Subtitle C; Definitions and Provisions for Confidentiality (40 CFR 260, Subparts A and B)
- Degree of Hazard as an Approach to Defining and Managing Hazardous Wastes; Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Design and Development of a Hazardous Waste Reactivity Testing Protocol
- Documentation for Development of Toxicity and Volumes Scores for the Purpose of Scheduling Hazardous Waste
- Environmental Fact Sheet: EPA Issues Interim Final Regulations on the "Mixture" and "Derived-from" Rules
- Environmental Fact Sheet: Hazardous Waste Management System; Final Codification Rule Correction
- Environmental Fact Sheet: Waste Export and Import Act of 1991
- Index to the Monthly Hotline Report Questions (June 1982 to December 1991)
- Inside the Hotline: A Compilation of 1991 Monthly Hotline Reports
- Interim National Criteria for a Quality Hazardous Waste Management Program Under RCRA
- National Criteria for a Quality Hazardous Waste Management Program
- The Nation's Hazardous Waste Management Program at a Crossroads: The RCRA Implementation Study
- RCRA Implementation Plans (RIP); Fiscal Years: 1987-1992
- RCRA Implementation Plan (RIP); Fiscal Year 1993
- RCRA Permit Policy Compendium, Volume 2
- RCRA/Superfund Monthly Hotline Reports
- Regulatory Analysis of RCRA Regulations
- Solving the Hazardous Waste Problem: EPA's RCRA Program
- State Decision-Makers Guide for Hazardous Waste Management

## **HEALTH EFFECTS**

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- Background Document on the Development and Use of Reference Doses; Part I: Data Needs and Apportionment; Part II: Considerations Related to the Development of Protocols for Toxicity Studies
- Chemical, Physical, and Biological Properties of Compounds Present at Hazardous Waste Sites (Final Report)
- Criteria for Municipal Solid Waste Landfills: Case Studies on Groundwater and Surface Water Contamination from Municipal Solid Waste Landfills
- Hazardous Waste Tanks Risk Analysis
- Health and Environmental Effects Profiles (40 CFR 261); Identification and Listing of Hazardous Waste under RCRA, Subtitle C, Section 3001
- Inactive and Abandoned Noncoal Mines (Complete Set)
- Liner Location Risk and Cost Analysis Model
- Municipal Waste Combustion Study: Assessment of Health Risks Associated With Exposure to Municipal Waste Combustion Emissions
- Municipal Waste Combustion Study: Report to Congress
- Ninety-Day Subchronic Oral Toxicity in Rats Test Materials: Pyridine; Volumes I and II
- Permitting of Land Disposal Facilities: Groundwater Protection Standard
- Permitting of Land Disposal Facilities: Information Requirements for Permitting Discharges; General Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
- Procedural Guidance for Reviewing Exposure Information under RCRA, Section 3019
- Quantities of Cyanide-Bearing and Acid-Generating Wastes Generated by the Mining and Beneficiating Industries, and the Potentials for Contaminant Release
- Rat Oral Subchronic Toxicity Study; Final Report; Compound: Isobutyl Alcohol

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- Regulatory Impact Analysis for the Final Criteria for Municipal Solid Waste Landfills
- Report to Congress on Special Wastes from Mineral Processing: Summary and Findings; Methods and Analyses; Appendices
- Subchronic Toxicity of Meta-Cresol in Sprague Dawley Rats
- Subchronic Toxicity of Ortho-Cresol in Sprague Dawley Rats
- Subchronic Toxicity of Para-Cresol in Sprague Dawley Rats; MBA Chemical No. 25
- Subtitle D Study: Phase I Report
- Surface Water Screening Procedure; Background Document
- Teratologic Evaluation of 2,3,4,6-Tetrachlorophenol Administered to CD Rats on Gestational Days 6 Through 15; Final Report
- Teratologic Evaluation of 2,3,4,6-Tetrachlorophenol Administered to CD Rats on Gestational Days 6 Through 15; Final Report; Appendices I-X

## HOUSEHOLD HAZARDOUS WASTES

- Disposal Tips for Home Health Care (Patient Flyer)
- Disposal Tips for Home Health Care (Professional Brochure)
- Handle with Care: How to Throw Out Used Insulin Syringes and Lancets at Home; A Booklet for Young People with Diabetes and their Families
- Household Hazardous Waste: Bibliography of Useful References and List of State Experts
- National Survey of Solid Waste (Municipal) Landfill Facilities
- Proceedings of the Fifth National Conference on Household Hazardous Waste Management, November 5-7, 1990, San Francisco, California
- Proceedings of the Fourth National Conference on Household Hazardous Waste Management
- Proceedings of the Sixth National United States Environmental Protection Agency Conference on Household Hazardous Waste Management (Seattle, Washington, December 3-7, 1991)
- RCRA Permit Policy Compendium, Volume 11
- Reusable News (Spring 1990)
- Reusable News (Spring 1992)
- States' Efforts to Promote Lead-Acid Battery Recycling
- Summary of the First National Conference on Household Hazardous Waste Collection Programs
- Summary of the Second National Conference on Household Hazardous Waste Management
- Summary of the Third National Conference on Household Hazardous Waste Management

- Survey of Household Hazardous Waste and Related Collection Programs

## IGNITABLE WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for Characteristic Ignitable Wastes (D001), Characteristic Corrosive Wastes (D002), Characteristic Reactive Wastes (D003), and P and U Wastes Containing Reactive Listing Constituents (Final)
- Ignitability Characteristic (40 CFR 261.21); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Interim Status Standards for Landfills (40 CFR 265, Subpart N); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-B: BDAT Related Comments; D001: Characteristic Ignitable Wastes
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-1: Capacity Related Comments

## INDUSTRIAL WASTES [NON-HAZARDOUS]

- Criteria for Classification of Solid Waste Disposal Facilities and Practices; Notification Requirements (40 CFR Part 257) (Draft)
- RCRA Implementation Plan (RIP); Fiscal Year 1993
- Regulatory Determination: Landfills and Surface Impoundments Receiving Pulp and Paper Mill Sludge
- Report to Congress: Solid Waste Disposal in the United States; Volumes I and II
- Subtitle D Industrial Facility Telephone Survey Report (1987)

## INFORMATION SOURCES

- Bibliographic Series: Waste Minimization: Hazardous and Non-Hazardous Solid Waste (1980 to Present)
- Bibliography of Municipal Solid Waste Management Alternatives
- Characterization of MWC Ashes and Leachates from MSW Landfills, Monofills, and Co-Disposal Sites; Volume III: Addendum to Characterization of Municipal Landfill Leachates; A Literature Review
- Characterization of MWC Ashes and Leachates from MSW Landfills, Monofills, and Co-Disposal Sites; Volume IV: Characterization of Municipal Waste Combustion Residues and their Leachates; A Literature Review



- Compendium of ORD and OSWER Documents Relevant to RCRA Corrective Action
- Directory of Mine Waste Characterization and Drainage Quality Contacts in Western Governors' Association Member States
- Environmental Fact Sheet: America's War on Waste
- Environmental Fact Sheet: SWICH: EPA's National Solid Waste Information Clearinghouse
- Forty CFR Parts 190-299
- Household Hazardous Waste: Bibliography of Useful References and List of State Experts
- How to Access the RCRA Information Center
- Index to the Monthly Hotline Report Questions (June 1982 to December 1991)
- Inside the Hotline: A Compilation of 1991 Monthly Hotline Reports
- RCRA Orientation Manual: 1990 Edition
- RCRA Permit Policy Compendium, Volume 1: User's Guide, Keyword Index
- RCRA Permit Policy Compendium Update Package; Revision I
- RCRA/Superfund/OUST Hotline (Brochure)
- Reusable News

## **INK FORMULATION WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for K086 Solvent Wash (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K086 (Ink Formulation Equipment Cleaning Wastes); Addendum (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-L: BDAT Related Comments; K071 and K106: Mercury Cell Process Wastes; K086: Residues from Ink Production Wastes Containing Cyanide

## **INORGANIC CHEMICAL WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for K071 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K073 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Mercury-Containing Wastes (D009, K106, P065, P092, and U151) (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-L: BDAT Related Comments; K071 and K106: Mercury Cell Process Wastes; K086: Residues from Ink Production Wastes Containing Cyanide

## **INORGANIC PIGMENT WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for Inorganic Pigment Wastes, K002-K008 (Final)
- Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 1: Treatment Standards Related Comments
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-K: BDAT Related Comments; F025: Wastes from the Production of Chlorinated Aliphatics; K002-K008: Inorganic Pigments; K011, K013, K014: Acrylonitriles; K015: Still Bottoms from Benzyl Chloride; K046: Wastewater Treatment Sludges from Manufacturing, Formulating, and Loading of Lead-Based Initiating Compounds; K061: Electric Arc Furnace Dust; and K069: Emission Control Dust/Sludge from Secondary Lead Smelting

## **IRON PRODUCTION WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for K062 (Final)

## **K-WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for Distillation Bottoms from the Production of Aniline, K083 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Distillation Bottoms from the Production of Nitrobenzene by the Nitration of Benzene, K025 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Halogenated Pesticide and Chlorobenzene Wastes (K032-K034, K041, K042, K085, K097, K098, K105, and D012-D017) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Inorganic Pigment Wastes, K002-K008 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K001 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K001 (Addendum) and U051 (Creosote) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K009 and K010 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K011, K013, and K014 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K011, K013, and K014; Addendum for Acrylonitrile Wastes (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K015 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K015; Addendum (Final)

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- Best Demonstrated Available Technology (BDAT) Background Document for K016, K018, K019, K020, and K030 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K021 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K022 (Non-CBI Version) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K022; Amendment (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K024 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K031, K084, K101, K102, Characteristic Arsenic Wastes (D004), Characteristic Selenium Wastes (D010), and P and U Wastes Containing Arsenic and Selenium Listing Constituents (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K037 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K037; Amendment (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K043 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K046 Nonreactive Subcategory (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K046; Addendum (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K048, K049, K050, K051, and K052 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K048, K049, K050, K051, and K052; Amendment (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K060 (Final) (EPA/530-SW-90-059H)
- Best Demonstrated Available Technology (BDAT) Background Document for K061 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K061; Addendum (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K062 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K071 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K073 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K086 Solvent Wash (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K086 (Ink Formulation Equipment Cleaning Wastes); Addendum (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K087 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K099 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K101 and K102 Low Arsenic Subcategory (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K103 and K104 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Mercury-Containing Wastes (D009, K106, P065, P092, and U151) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Organophosphorus Wastes, K036 Nonwastewaters; Amendment (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Organophosphorus Wastes, K038-K040, and Various P and U Codes (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Phthalate Wastes, K023, K093, K094, and Various P and U Codes (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Stripping Still Tails from the Production of Methyl Ethyl Pyridine, K026 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Dinitrotoluene, Toluenediamine, and Toluene Diisocyanate, K027, K111-K116, U221, and U223 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Epichlorohydrin, K017 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of 1,1,1-Trichloroethane, K028, K029, K095, and K096 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of 1,1,1-Trichloroethane, K028, K029, K095, and K096; Amendment (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Wastewater Treatment Sludges Generated in the Production of Creosote K035 (Final)
- Environmental Fact Sheet: New Treatment Standards Finalized for K061 High Zinc Subcategory Wastes
- Environmental Fact Sheet: Treatment Standards Proposed for 20 Newly Listed Hazardous Wastes and Contaminated Debris
- Memorandum to Monica Chatmon-McEaddy of Office of Solid Waste Regarding Final Treatment Standards for K069 Nonwastewaters in the Calcium Sulfate/Sodium Subcategory and Wastewater Forms of K069
- Memorandum to Monica Chatmon-McEaddy of Office of Solid Waste Regarding Final Treatment Standards for Non-wastewater and Wastewater Forms of K100



- Memorandum to the Docket Regarding Final Treatment Standards for Nonwastewater and Wastewater Forms of K044, K045, and K047
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-E: BDAT Related Comments; D004: Characteristic Wastes for Arsenic and K, P, and U Wastes Containing Arsenic; and D010: Characteristic Wastes for Selenium
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-I: BDAT Related Comments; D009: Characteristic Wastes for Mercury and P and U Wastes Containing Mercury; K045, K046, and K047: Wastes from the Manufacturing and Processing of Explosives; D011: Characteristic Wastes for Silver; P119, P120: Vanadium Containing Wastes; and P and U Wastes Containing Thallium
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-K: BDAT Related Comments; F025: Wastes from the Production of Chlorinated Aliphatics; K002-K008: Inorganic Pigments; K011, K013, K014: Acrylonitriles; K015: Still Bottoms from Benzyl Chloride; K046: Wastewater Treatment Sludges from Manufacturing, Formulating, and Loading of Lead-Based Initiating Compounds; K061: Electric Arc Furnace Dust; and K069: Emission Control Dust/Sludge from Secondary Lead Smelting
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-L: BDAT Related Comments; K071 and K106: Mercury Cell Process Wastes; K086: Residues from Ink Production Wastes Containing Cyanide
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1, 1, 1-Trichloroethane Wastewaters Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-N: BDAT Related Comments; Halogenated Organic, Pharmaceutical, Brominated Organic, Organo-Sulfur Compounds, and Organo-Nitrogen Compound Wastes; and Halogenated Pesticide and Chlorobenzene, Halogenated Phenolic, and Phenolic Wastes
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-O: BDAT Related Comments; K048-K052: Petroleum Refining Industry Wastes; K036: Organophosphorous

Wastes (Nonwastewaters); K037: Wastewater Treatment Sludges from the Production of Disulfoton

- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-1: Capacity Related Comments
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-2: Capacity Related Comments

## LAB PACKS

- Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 2: Capacity Related Comments
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-3: Capacity Related Comments

## LAND DISPOSAL RESTRICTIONS [LDR]

- Background Document for First Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Final Rule: First Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity
- Background Document for First Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Proposed Rule: First Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity; Parts I and II
- Background Document for Second Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Final Rule: Second Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity; Volumes I and II
- Background Document for Second Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Proposed Rule: Second Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity
- Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions; Volumes I and II
- Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions: Solvent Waste Volumes and Characteristics, Required Treatment and Recycling Capacity, and Available Treatment and Recycling
- Background Document for the Groundwater Screening Procedure to Support 40 CFR 268 Land Disposal Restrictions
- Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Final Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity (Complete Set)
- Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Proposed

To order a document, you need a document ordering number. Go to *Section 1, Abstracts*, for this information.



- Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity (Complete Set)
- Best Demonstrated Available Technology (BDAT) Background Document for Quality Assurance/Quality Control Procedures and Methodology (Final)
  - Best Demonstrated Available Technology (BDAT) Background Documents for First Third Wastes; Final Rule (Complete Set)
  - Best Demonstrated Available Technology (BDAT) Background Documents for Second Third Wastes; Final Rule (Complete Set)
  - Best Demonstrated Available Technology (BDAT) Background Documents for Third Third Wastes; Final Rule (Complete Set)
  - Documentation for Development of Toxicity and Volumes Scores for the Purpose of Scheduling Hazardous Waste
  - Environmental Fact Sheet: Application of Land Disposal Restrictions to CERCLA Remedial Actions
  - Environmental Fact Sheet: Clarification on the Timing for Retrofitting Surface Impoundments Under the Land Disposal Restrictions Rule
  - Environmental Fact Sheet: Effective Date for Hazardous Debris Treatment Standards Extended One Year
  - Environmental Fact Sheet: EPA's Final Conditional No-Migration Determination for DOE's Waste Isolation Pilot Plant (WIPP)
  - Environmental Fact Sheet: Final Rule for Third Third Scheduled Wastes Completes Statutory Requirements for Land Disposal Restrictions
  - Environmental Fact Sheet: Land Disposal Restrictions Second Third (Final)
  - Environmental Fact Sheet: Milestone! Fifth Rulemaking Finalizes Land Disposal Restrictions
  - Environmental Fact Sheet: No Land Disposal Standards Amendment
  - Environmental Fact Sheet: Treatment Standards Proposed for 20 Newly Listed Hazardous Wastes and Contaminated Debris
  - Generic Quality Assurance Project Plan for Land Disposal Restrictions Program (BDAT)
  - Guidance for Implementing the RCRA Dioxin Listing Rule
  - Land Disposal Restrictions Summary; Volume I: Solvents and Dioxins
  - Land Disposal Restrictions Summary; Volume II: California List Wastes
  - Methodology for Developing Best Demonstrated Available Technology (BDAT) Treatment Standards
  - No Migration Variances to the Hazardous Waste Land Disposal Prohibitions; A Guidance Manual for Petitioners
  - Questions and Answers on Land Disposal Restrictions for Solvents and Dioxins
  - Questions and Answers on the Land Disposal Restrictions Program (Brochure)
  - RCRA Permit Policy Compendium, Volume 11
  - Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 1: Treatment Standards Related Comments; Volume 2: Capacity Related Comments; Volume 3: Policy Related Comments
  - Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1: BDAT Related Comments (Complete Set)
  - Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2: Capacity Related Comments (Complete Set)
  - Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 3: Policy Related Comments
  - Treatment Technology Background Document; Second Third; Final
  - Treatment Technology Background Document; Third Third; Final
- ## LANDFILLS
- see also* MUNICIPAL SOLID WASTE LANDFILLS
- Action Leakage Rates for Leak Detection Systems; Supplemental Background Document for the Final Double Liners and Leak Detection Systems Rule for Hazardous Waste Landfills, Waste Piles, and Surface Impoundments
  - Background Document on Bottom Liner Performance in Double-Lined Landfills and Surface Impoundments
  - Background Document on Proposed Liner and Leak Detection Rule
  - Compilation of Current Practices at Land Disposal Facilities: Summary of Liner and Leak Detection Designs, Action Leakage Rates, Response Action Plans, and Management of Liquids in Landfills
  - Criteria for Classification of Solid Waste Disposal Facilities and Practices; Notification Requirements (40 CFR Part 257) (Draft)
  - Environmental Fact Sheet: EPA Releases Final Rule on Liners and Leak Detection Systems
  - Guidance Manual for the Classification of Solid Waste Disposal Facilities
  - Hydrologic Evaluation of Landfill Performance (HELP) Model; Volume 1: User's Guide for Version 1; Second Edition; Volume 2: Documentation for Version 1
  - Hydrologic Simulation on Solid Waste Disposal Sites
  - Interim Status Standards for Landfills (40 CFR 265, Subpart N); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004

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- Inventory of Open Dumps
- Landfill and Surface Impoundment Performance Evaluation
- Management of Hazardous Waste Leachate
- Minimum Technology Guidance on Double Liner Systems for Landfills and Surface Impoundments; Design, Construction, and Operation
- Minimum Technology Guidance on Single Liner Systems for Landfills, Surface Impoundments, and Waste Piles; Design, Construction, and Operation (Draft)
- Permit Applicants' Guidance Manual for Exposure Information Requirements Under RCRA, Section 3019
- Permitting of Land Disposal Facilities: Landfills
- Prohibition on the Disposal of Bulk Liquid Hazardous Waste in Landfills; Statutory Interpretive Guidance
- RCRA Guidance Document: Landfill Design, Liner Systems and Final Cover; Draft
- RCRA Permit Policy Compendium, Volume 8
- Regulatory Determination: Landfills and Surface Impoundments Receiving Pulp and Paper Mill Sludge
- Restrictions on the Placement of Nonhazardous Liquids in Hazardous Waste Landfills
- Technical Guidance Document: Final Covers on Hazardous Waste Landfills and Surface Impoundments

## **LEACHATE**

- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume A: Wastewater Forms of Organic U and P Wastes and Multisource Leachate (F039) for which there are Concentration-Based Treatment Standards
- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume B: U and P Wastewaters and Nonwastewaters with Methods of Treatment as Treatment Standards
- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume C: Nonwastewater Forms of Organic U and P Wastes and Multisource Leachate (F039) for which there are Concentration-Based Treatment Standards
- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume D: Reactive U and P Wastewaters and Nonwastewaters
- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume E: U and P Gaseous Wastes
- Characterization of Municipal Waste Combustion Ash, Ash Extracts, and Leachates
- Characterization of MWC Ashes and Leachates from MSW Landfills, Monofills, and Co-Disposal Sites (Complete Set)

- Criteria for Municipal Solid Waste Landfills: Design Criteria (Subpart D); Draft Background Document
- Criteria for Municipal Solid Waste Landfills: Summary of Data on Municipal Solid Waste Landfill Leachate Characteristics
- Environmental Fact Sheet: Report Analyzes Municipal Waste Combustion Ash, Ash Extracts, and Leachates
- Guidance on Implementation of the Minimum Technological Requirements of HSWA of 1984, Respecting Liners and Leachate Collection Systems; Reauthorization Statutory Interpretation #5D
- Hydrologic Evaluation of Landfill Performance (HELP) Model; Volume 1: User's Guide for Version 1; Second Edition; Volume 2: Documentation for Version 1
- Landfill and Surface Impoundment Performance Evaluation
- Management of Hazardous Waste Leachate
- Minimum Technology Guidance on Double Liner Systems for Landfills and Surface Impoundments; Design, Construction, and Operation
- Minimum Technology Guidance on Single Liner Systems for Landfills, Surface Impoundments, and Waste Piles; Design, Construction, and Operation (Draft)
- Municipal Waste Combustion Ash and Leachate Characterization; Monofill Baseline Year; Woodburn Monofill; Woodburn, Oregon
- Ninety-Day Subchronic Oral Toxicity in Rats Test Materials: Pyridine; Volumes I and II
- RCRA Guidance Document: Landfill Design, Liner Systems and Final Cover; Draft
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-P: BDAT Related Comments; Leachates
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-3: Capacity Related Comments
- Solid Waste Leaching Procedure; Technical Resource Document for Public Comment
- Technical Studies Supporting the Mining Waste Regulatory Determination
- Use of the Water Balance Method for Predicting Leachate Generation from Solid Waste Disposal Sites

## **LEAD WASTES**

*see also* SECONDARY LEAD SMELTING WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for D008 and P and U Lead Wastes (Final)
- Characterization of Municipal Waste Combustion Ash, Ash Extracts, and Leachates



- Characterization of Products Containing Lead and Cadmium in Municipal Solid Waste in the United States, 1970 to 2000
- Environmental Fact Sheet: Report Analyzes Municipal Waste Combustion Ash, Ash Extracts, and Leachates
- Pilot-Scale ESP and Hydro-Sonic Scrubber Parametric Tests for Particulate, Metals, and HCl Emissions; John Zink Company Research Facility; Tulsa, Oklahoma; Draft Test Report
- Preliminary Use and Substitutes Analysis of Lead and Cadmium in Products in Municipal Solid Waste
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-H: BDAT Related Comments; D008: Characteristic Wastes for Lead and P and U Wastes Containing Lead
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-1: Capacity Related Comments

## LEGISLATION

- Environmental Fact Sheet: Waste Export and Import Act of 1991
- Medical Waste Tracking Act of 1988
- The Solid Waste Disposal Act as Amended by the Hazardous and Solid Waste Amendments (The Resource Conservation and Recovery Act)

## LIABILITY AND ENFORCEMENT

- Closure/Post-Closure and Financial Responsibility Requirements for Hazardous Waste Treatment, Storage, and Disposal Facilities; Final Rule; Background Document
- Closure/Post-Closure Interim Status Standards (40 CFR 265, Subpart G): Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004
- Criteria for Municipal Solid Waste Landfills: Closure and Post-Closure Care and Financial Responsibility Requirements (Subpart C, Sections 258.30-258.32); Draft Background Document
- Environmental Fact Sheet: Proposed Revisions to the Subtitle C Financial Responsibility Requirements
- Environmental Fact Sheet: Proposed Rulemaking on Corrective Action for Solid Waste Management Units at Hazardous Waste Management Facilities
- Equivalency of State Financial Responsibility Mechanisms
- Financial Assurance for Closure and Post-Closure Care; Requirements for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; A Guidance Manual

- Financial Requirements (40 CFR 264 and 265, Subpart H); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Financial Requirements; Interim Status Standards (40 CFR 265, Subpart H); Final Draft Guidance
- Guidance Manual for Cost Estimates for Closure and Post-Closure Plans (Subparts G and H); Volume I: Treatment and Storage Facilities; Volume II: Land Disposal Facilities; Volume III: Unit Costs; Volume IV: Documentation
- Hazardous Waste Incineration Permitting Study
- Hazardous Waste Incineration: Questions and Answers
- Interim Status Standards for Landfills (40 CFR 265, Subpart N); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Liability Coverage; Requirements for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; A Guidance Manual
- Post-Closure Liability Trust Fund Simulation Model; Volume I: Model Overview and Results; Volume II: Graphs and Tables of Model Results; Volume III: Model Description
- RCRA Facility Assessment Guidance
- RCRA Facility Investigation (RFI) Guidance; Interim Final
- RCRA Groundwater Monitoring Compliance Order Guidance
- RCRA Groundwater Monitoring Technical Enforcement Guidance Document (TEGD) (Final)
- RCRA Guidance Manual for Subpart G Closure and Post-Closure Care Standards and Subpart H Cost Estimating Requirements
- RCRA Implementation Plans (RIP); Fiscal Years: 1987-1992
- RCRA Implementation Plan (RIP); Fiscal Year 1993
- RCRA Inspection Manual
- RCRA Liability Coverage for Bodily Injury and Property Damage Survey Results
- RCRA Permit Policy Compendium, Volumes 7 and 9
- Report to the Congress of the United States on the Post-Closure Liability Trust Fund Under Section 3001(A)(2)(II) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- Standards for Inspection (40 CFR 264.15) and Interim Status Standards for Inspection (40 CFR 265.15); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Technical Implementation Document for EPA's Boiler and Industrial Furnace Regulations



## **LINERS**

- Action Leakage Rates for Leak Detection Systems; Supplemental Background Document for the Final Double Liners and Leak Detection Systems Rule for Hazardous Waste Landfills, Waste Piles, and Surface Impoundments
- Background Document on Bottom Liner Performance in Double-Lined Landfills and Surface Impoundments
- Background Document on Proposed Liner and Leak Detection Rule
- Batch-Type Adsorption Procedures for Estimating Soil Attenuation of Chemicals; Draft Technical Resource Document for Public Comment
- Compilation of Current Practices at Land Disposal Facilities: Summary of Liner and Leak Detection Designs, Action Leakage Rates, Response Action Plans, and Management of Liquids in Landfills
- Criteria for Municipal Solid Waste Landfills: Design Criteria (Subpart D); Draft Background Document
- Design, Construction, and Evaluation of Clay Liners for Waste Management Facilities
- Environmental Fact Sheet: EPA Releases Final Rule on Liners and Leak Detection Systems
- Guidance on Implementation of the Minimum Technological Requirements of HSWA of 1984, Respecting Liners and Leachate Collection Systems; Reauthorization Statutory Interpretation #5D
- Joint NRC/EPA Guidance on a Conceptual Design Approach for Commercial Mixed Low-Level Radioactive and Hazardous Waste Disposal Facilities
- Landfill and Surface Impoundment Performance Evaluation
- Liner Location Risk and Cost Analysis Model
- Lining of Waste Impoundment and Disposal Facilities
- Minimum Technology Guidance on Double Liner Systems for Landfills and Surface Impoundments; Design, Construction, and Operation
- Minimum Technology Guidance on Single Liner Systems for Landfills, Surface Impoundments, and Waste Piles; Design, Construction, and Operation (Draft)
- Procedures for Modeling Flow Through Clay Liners to Determine Required Liner Thickness
- RCRA Guidance Document: Landfill Design, Liner Systems and Final Cover; Draft
- RCRA Guidance Document: Surface Impoundments, Liner Systems, Final Cover, and Free Board Control; Draft
- RCRA Permit Policy Compendium, Volume 8
- SOILINER Model
- Technical Guidance Document: Fabrication of Polyethylene FML Field Seams

## **LIQUID RELEASE TEST [LRT]**

- Background Document for the Liquid Release Test; Single Laboratory Evaluation and 1988 Collaborative Study
- Test Method 9096: Liquid Release Test (LRT) Procedure

## **MARKETS**

- Environmental Fact Sheet: EPA to Develop Guidance on the Use of the Terms "Recycled" and "Recyclable" in Product Labeling and Advertising
- Multimaterial Source Separation in Marblehead and Somerville, Massachusetts; Volume II: Collection and Marketing; Volume III: Materials and Refuse; Composition of Source Separated Materials and Refuse; Volume IV: Energy Use and Savings from Source Separated Materials and Other Solid Waste Management Alternatives for Marblehead; Volume V: Citizen Attitudes Toward Source Separation
- Promoting Source Reduction and Recyclability in the Marketplace
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Marketing
- Reusable News (Fall 1991)
- Reusable News (Spring/Summer 1991)
- Reusable News (Winter 1992)
- Source Separation: The Community Awareness Program in Somerville and Marblehead, Massachusetts

## **MARKETS—BATTERIES**

- States' Efforts to Promote Lead-Acid Battery Recycling

## **MARKETS—COMPOST**

- Yard Waste Composting: A Study of Eight Programs

## **MARKETS—PAPER**

- Background Documentation for Minimum Content Standards
- Environmental Fact Sheet: EPA Guideline for Purchasing Paper and Paper Products
- Office Paper Recycling: An Implementation Manual
- Reusable News (Fall 1990)
- Reusable News (Summer 1990)

## **MARKETS—PLASTICS**

- Environmental Fact Sheet: Plastics: The Facts About Production, Use, and Disposal

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## MARKETS—TIRES

- Environmental Fact Sheet: EPA Guideline for Purchasing Retread Tires
- Markets for Scrap Tires
- Reusable News (Winter 1991)
- Summary of Markets for Scrap Tires

## MARKETS—USED OIL

- Environmental Fact Sheet: EPA Guideline for Purchasing Re-Refined Lubricating Oil
- How to Set Up a Local Program to Recycle Used Oil

## MEDICAL WASTES

- Disposal Tips for Home Health Care (Patient Flyer)
- Disposal Tips for Home Health Care (Professional Brochure)
- EPA Guide for Infectious Waste Management
- Handle with Care: How to Throw Out Used Insulin Syringes and Lancets at Home; A Booklet for Young People with Diabetes and their Families
- Hospital Waste Combustion Study: Data Gathering Phase; Final Report
- Infectious Waste (40 CFR 250.14); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Managing and Tracking Medical Wastes: A Guide to the Federal Program for Generators
- Managing and Tracking Medical Wastes: A Guide to the Federal Program for Transporters
- Managing and Tracking Medical Wastes: A Guide to the Federal Program for Treatment, Destruction, and Disposal Facilities
- Medical Waste Management in the United States: First Interim Report to Congress
- Medical Waste Management in the United States: Second Interim Report to Congress
- Medical Waste Tracking Act of 1988
- Tracking Medical Wastes (Brochure)

## MERCURY WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for K071 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Mercury-Containing Wastes (D009, K106, P065, P092, and U151) (Final)

- Characterization of Municipal Waste Combustion Ash, Ash Extracts, and Leachates
- Characterization of Products Containing Mercury in Municipal Solid Waste in the United States, 1970 to 2000
- Characterization of Products Containing Mercury in Municipal Solid Waste in the United States, 1970 to 2000: Executive Summary
- Environmental Fact Sheet: Report Analyzes Municipal Waste Combustion Ash, Ash Extracts, and Leachates
- Listing of Hazardous Waste; Finalization of July 16, 1980, Hazardous Waste List (40 CFR 261.31 and 261.32); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Pilot-Scale ESP and Hydro-Sonic Scrubber Parametric Tests for Particulate, Metals, and HCl Emissions; John Zink Company Research Facility; Tulsa, Oklahoma; Draft Test Report
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-I: BDAT Related Comments; D009: Characteristic Wastes for Mercury and P and U Wastes Containing Mercury; K045, K046, and K047: Wastes from the Manufacturing and Processing of Explosives; D011: Characteristic Wastes for Silver; P119, P120: Vanadium Containing Wastes; and P and U Wastes Containing Thallium
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-L: BDAT Related Comments; K071 and K106: Mercury Cell Process Wastes; K086: Residues from Ink Production Wastes Containing Cyanide
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-2: Capacity Related Comments

## METHYL BROMIDE PRODUCTION WASTES

- Environmental Fact Sheet: Treatment Standards Proposed for 20 Newly Listed Hazardous Wastes and Contaminated Debris

## METHYL ETHYL PYRIDINE PRODUCTION WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for Stripping Still Tails from the Production of Methyl Ethyl Pyridine, K026 (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1,1,1-Trichloroethane Wastewaters Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater



(Continued)

Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons

## MINING WASTES

- Abstracts of Selected Precious Metal Mines' Permits
- Directory of Mine Waste Characterization and Drainage Quality Contacts in Western Governors' Association Member States
- Environmental Fact Sheet: Agency Determines Final Regulatory Status of Special Wastes from Mineral Processing
- Environmental Fact Sheet: Agency Releases Report to Congress on Special Wastes from Mineral Processing
- Environmental Fact Sheet: Final Rule to Eliminate Mineral Processing Wastes from the Bevill Amendment
- Environmental Fact Sheet: Final Rule to Identify the Status of Twenty Mineral Processing Wastes Conditionally Retained Within the Bevill Amendment
- Inactive and Abandoned Noncoal Mines (Complete Set)
- Location of Mines and Factors Affecting Exposure
- Mining Sites in the National Priorities List; NPL Site Summary Reports (Complete Set)
- Projected Regulatory, Programmatic, and Fiscal Impacts of EPA's Strawman II on State Mine Waste Management Programs (Complete Set)
- Quantities of Cyanide-Bearing and Acid-Generating Wastes Generated by the Mining and Beneficiating Industries, and the Potentials for Contaminant Release
- RCRA Permit Policy Compendium, Volume 11
- Report to Congress on Special Wastes from Mineral Processing: Summary and Findings; Methods and Analyses; Appendices
- Report to Congress: Wastes from the Extraction and Beneficiation of Metallic Ores, Phosphate Rock, Asbestos, Overburden from Uranium Mining, and Oil Shale
- Statistical Analysis of Mining Waste Data
- Strawman II: Recommendations for a Regulatory Program for Mining Wastes and Materials under Subtitle D of the Resource Conservation and Recovery Act
- Summary of Comments on Mining Waste Report to Congress
- Technical Studies Supporting the Mining Waste Regulatory Determination

## MUNICIPAL SOLID WASTE [MSW]

- Addendum to the Regulatory Impact Analysis for the Final Criteria for Municipal Solid Waste Landfills
- Bibliography of Municipal Solid Waste Management Alternatives
- Characterization of Municipal Solid Waste in the United States, 1960-2000
- Characterization of Municipal Solid Waste in the United States: 1990 Update
- Characterization of Municipal Solid Waste in the United States: 1990 Update; Executive Summary
- Characterization of Products Containing Lead and Cadmium in Municipal Solid Waste in the United States, 1970 to 2000
- Characterization of Products Containing Mercury in Municipal Solid Waste in the United States, 1970 to 2000
- Characterization of Products Containing Mercury in Municipal Solid Waste in the United States, 1970 to 2000: Executive Summary
- Charging Households for Waste Collection and Disposal: The Effects of Weight or Volume-Based Pricing on Solid Waste Management
- Criteria for Municipal Solid Waste Landfills: Updated Review of Selected Provisions of Solid Waste Regulations
- Decision-Makers Guide to Solid Waste Management
- Decision-Makers Guide to Solid Waste Management (Promotional Brochure)
- Environmental Fact Sheet: About the Municipal Solid Waste Stream...
- Environmental Fact Sheet: Municipal Landfill Regulations Mean Safer Disposal of Solid Waste
- Environmental Fact Sheet: SWITCH: EPA's National Solid Waste Information Clearinghouse
- Guide to Energy from Municipal Waste for Small Communities
- Heuristic Routing for Solid Waste Collection Vehicles
- Native American Network: A RCRA Information Exchange
- Preliminary Use and Substitutes Analysis of Lead and Cadmium in Products in Municipal Solid Waste
- RCRA Implementation Plans (RIP); Fiscal Years: 1990-1992
- RCRA Implementation Plan (RIP); Fiscal Year 1993
- Regulatory Impact Analysis for the Final Criteria for Municipal Solid Waste Landfills
- Report to Congress: Methods to Manage and Control Plastic Wastes
- Report to Congress: Solid Waste Disposal in the United States; Volumes I and II

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- Resource Recovery Plant Implementation; Guides for Municipal Officials: Accounting Format
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Financing
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Further Assistance
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Interim Report
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Marketing
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Planning and Overview
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Procurement
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Risks and Contracts
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Technologies
- Reusable News
- Solid Waste Dilemma: An Agenda for Action; Background Document
- Solid Waste Dilemma: An Agenda for Action (Final Report of the Municipal Waste Task Force)
- Unit Pricing: Providing an Incentive to Reduce Municipal Solid Waste
- Variable Rates in Solid Waste: Handbook for Solid Waste Officials; Volumes I and II

## **MUNICIPAL SOLID WASTE—COMBUSTION**

- Analysis of U.S. Municipal Waste Combustion Operating Practices
- Characterization of Municipal Waste Combustion Ash, Ash Extracts, and Leachates
- Characterization of MWC Ashes and Leachates from MSW Landfills, Monofills, and Co-Disposal Sites (Complete Set)
- Decision-Makers Guide to Solid Waste Management
- Environmental Fact Sheet: Report Analyzes Municipal Waste Combustion Ash, Ash Extracts, and Leachates
- Municipal Waste Combustion Ash and Leachate Characterization; Monofill Baseline Year; Woodburn Monofill; Woodburn, Oregon
- Municipal Waste Combustion Study (Complete Set)
- RCRA Permit Policy Compendium, Volume 11
- Reusable News (Fall 1991)
- Reusable News (Spring 1990)

## **MSW—SITING**

- Criteria for Municipal Solid Waste Landfills: Design Criteria (Subpart D); Draft Background Document
- Criteria for Municipal Solid Waste Landfills: Location Restrictions (Subpart B); Draft Background Document
- Reusable News (Fall 1990)
- Reusable News (Summer 1990)
- Sites for our Solid Waste: A Guidebook for Effective Public Involvement
- Siting our Solid Waste: Making Public Involvement Work (Brochure)

## **MUNICIPAL SOLID WASTE LANDFILLS [MSWLF]**

- Addendum to the Regulatory Impact Analysis for the Final Criteria for Municipal Solid Waste Landfills
- Characterization of MWC Ashes and Leachates from MSW Landfills, Monofills, and Co-Disposal Sites (Complete Set)
- Criteria for Municipal Solid Waste Landfills: Case Studies on Groundwater and Surface Water Contamination from Municipal Solid Waste Landfills
- Criteria for Municipal Solid Waste Landfills: Closure and Post-Closure Care and Financial Responsibility Requirements (Subpart C, Sections 258.30-258.32); Draft Background Document
- Criteria for Municipal Solid Waste Landfills: Design Criteria (Subpart D); Draft Background Document
- Criteria for Municipal Solid Waste Landfills: Groundwater Monitoring and Corrective Action (Subpart E)
- Criteria for Municipal Solid Waste Landfills: Location Restrictions (Subpart B); Draft Background Document
- Criteria for Municipal Solid Waste Landfills: Operating Criteria (Subpart C); Draft Background Document
- Criteria for Municipal Solid Waste Landfills: Summary of Data on Municipal Solid Waste Landfill Leachate Characteristics
- Criteria for Municipal Solid Waste Landfills: Updated Review of Selected Provisions of Solid Waste Regulations
- Decision-Makers Guide to Solid Waste Management
- Environmental Fact Sheet: Final Cover Requirements for Municipal Solid Waste Landfills
- Environmental Fact Sheet: Municipal Landfill Regulations Mean Safer Disposal of Solid Waste
- Environmental Fact Sheet: Small Communities and the Municipal Landfill Regulations
- Guidance Manual for the Classification of Solid Waste Disposal Facilities
- List of Municipal Waste Landfills



- National Survey of Solid Waste (Municipal) Landfill Facilities
- Regulatory Impact Analysis for the Final Criteria for Municipal Solid Waste Landfills
- Subtitle D Municipal Landfill Survey Report (1986)

## NEWSLETTERS

- Native American Network: A RCRA Information Exchange
- Reusable News
- Used Oil Recycling

## NITROBENZENE PRODUCTION WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for Distillation Bottoms from the Production of Nitrobenzene by the Nitration of Benzene, K025 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K103 and K104
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1,1,1-Trichloroethane Wastewaters Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons

## NON-HAZARDOUS WASTES

*see also* MUNICIPAL SOLID WASTE

- Census of State and Territorial Subtitle D Non-Hazardous Waste Programs
- Environmental Fact Sheet: Delay of Closure Period for Hazardous Waste Facilities
- Guidance Manual for the Classification of Solid Waste Disposal Facilities
- Inventory of Open Dumps
- Report to Congress: Solid Waste Disposal in the United States; Volumes I and II
- Restrictions on the Placement of Nonhazardous Liquids in Hazardous Waste Landfills; Statutory Interpretative Guidance
- Subtitle D Industrial Facility Telephone Survey Report (1987)

- Subtitle D Study: Phase I Report
- Technical Resource Document: Design, Construction, and Operation of Hazardous and Non-Hazardous Waste Surface Impoundments

## OIL AND GAS

*see also* HAZARDOUS WASTE IDENTIFICATION—LISTING OF USED OIL

*see also* MARKETS—USED OIL

*see also* PROCUREMENT—RE-REFINED LUBRICATING OIL

*see also* SOLID WASTE RECYCLING—USED OIL

- Proceedings of the First International Symposium on Oil and Gas Exploration and Production Waste Management Practices, September 10-13, 1990, New Orleans, Louisiana
- Report to Congress: Management of Wastes from the Exploration, Development, and Production of Crude Oil, Natural Gas, and Geothermal Energy (Complete Set)
- Report to Congress: Solid Waste Disposal in the United States; Volumes I and II
- Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Field Sampling and Analytical Results and Appendices A-G

## ORGANIC CHEMICAL WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for Distillation Bottoms from the Production of Aniline, K083 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Distillation Bottoms from the Production of Nitrobenzene by the Nitration of Benzene, K025 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Epichlorohydrin, K017 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Halogenated Pesticide and Chlorobenzene Wastes (K032-K034, K041, K042, K085, K097, K098, K105, and D012-D017) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K009 and K010 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K011, K013, and K014 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K011, K013, and K014; Addendum for Acrylonitrile Wastes (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K015 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K015; Addendum (Final)

To order a document, you need a document ordering number. Go to *Section 1, Abstracts*, for this information.



- Best Demonstrated Available Technology (BDAT) Background Document for K016, K018, K019, K020, and K030 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K021 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K022 (Non-CBI Version) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K022; Amendment (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K024 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K103 and K104 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Phthalate Wastes, K023, K093, K094, and Various P and U Codes (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Stripping Still Tails from the Production of Methyl Ethyl Pyridine, K026 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Dinitrotoluene, Toluenediamine, and Toluene Diisocyanate, K027, K111-K116, U221, and U223 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of 1,1,1-Trichloroethane, K028, K029, K095, and K096 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of 1,1,1-Trichloroethane, K028, K029, K095, and K096; Amendment (Final)
- Environmental Fact Sheet: Toxicity Characteristic Rule Finalized
- Environmental Fact Sheet: Treatment Standards Proposed for 20 Newly Listed Hazardous Wastes and Contaminated Debris
- Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 1: Treatment Standards Related Comments
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-K: BDAT Related Comments; F025: Wastes from the Production of Chlorinated Aliphatics; K002-K008: Inorganic Pigments; K011, K013, K014: Acrylonitriles; K015: Still Bottoms from Benzyl Chloride; K046: Wastewater Treatment Sludges from Manufacturing, Formulating, and Loading of Lead-Based Initiating Compounds; K061: Electric Arc Furnace Dust; and K069: Emission Control Dust/Sludge from Secondary Lead Smelting
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1,1,1-Trichloroethane Wastewaters

Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons

- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-N: BDAT Related Comments; Halogenated Organic, Pharmaceutical, Brominated Organic, Organo-Sulfur Compounds, and Organo-Nitrogen Compound Wastes; and Halogenated Pesticide and Chlorobenzene, Halogenated Phenolic, and Phenolic Wastes

## ORGANOPHOSPHORUS WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for Organophosphorus Wastes, K036 Nonwastewaters; Amendment (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Organophosphorus Wastes, K038-K040, and Various P and U Codes (Final)
- Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 1: Treatment Standards Related Comments
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-O: BDAT Related Comments; K048-K052: Petroleum Refining Industry Wastes; K036: Organophosphorous Wastes (Nonwastewaters); K037: Wastewater Treatment Sludges from the Production of Disulfoton

## PAPER

see MARKETS—PAPER

see PROCUREMENT—PAPER AND PAPER PRODUCTS

see SOLID WASTE RECYCLING—PAPER

## PERMITS AND PERMITTING

see also CLOSURE/POST-CLOSURE

- Abstracts of Selected Precious Metal Mines' Permits
- Alternate Concentration Limit Guidance; Part I: ACL Policy and Information Requirements; Part II: Based on 264.94(B) Criteria; Case Studies
- Construction Quality Assurance for Hazardous Waste Land Disposal Facilities; Technical Guidance Document
- Criteria for Identifying Areas of Vulnerable Hydrogeology under RCRA (Complete Set)
- Environmental Fact Sheet: Amendment to Requirements for Hazardous Waste Incinerator Permits

To order a document, you need a document ordering number. Go to *Section 1, Abstracts*, for this information.



- Environmental Fact Sheet: Changes to Interim Status Facilities; Modifications to Hazardous Waste Permits; Procedures for Post-Closure Permitting
- Environmental Fact Sheet: Coke Ovens Temporarily Exempted from BIF Rule Provisions
- Environmental Fact Sheet: Proposed Rulemaking on Corrective Action for Solid Waste Management Units at Hazardous Waste Management Facilities
- Final Interim Status Standards for Surface Impoundments (40 CFR 265.220); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Financial Requirements (40 CFR 264 and 265, Subpart H); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Financial Requirements; Interim Status Standards (40 CFR 265, Subpart H); Final Draft Guidance
- General and Interim Status Standards for Tanks (40 CFR 264 and 265, Subpart J); Interim Status Standards for Chemical, Physical, and Biological Treatment (40 CFR 265, Subpart Q); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- General Facility Standards for Location of Facilities (40 CFR 264, Subpart B, Section 264.18); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- General Issues Concerning Interim Status Standards (40 CFR 265); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- General Waste Analysis (40 CFR 264.13); Interim Status Standards for General Waste Analysis (40 CFR 265.13); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Groundwater Monitoring (40 CFR 265, Subpart F); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Groundwater Monitoring Guidance for Owners and Operators of Interim Status Facilities
- Guidance Document for Subpart F: Air Emission Monitoring; Land Disposal Toxic Air Emissions Evaluation Guideline
- Guidance Document: Seismic Considerations in Hazardous Waste Management Facilities
- Guidance for Facility Management Planning; Draft
- Guidance for Permit Writers: Facilities Storing Hazardous Waste in Containers
- Guidance Manual for Cost Estimates for Closure and Post-Closure Plans (Subparts G and H); Volume I: Treatment and Storage Facilities; Volume II: Land Disposal Facilities; Volume III: Unit Costs; Volume IV: Documentation
- Guidance Manual for Hazardous Waste Incinerator Permits; Final Report
- Guidance Manual for Research, Development, and Demonstration Permits (40 CFR Section 270.65)
- Guidance Manual on Hazardous Waste Land Treatment Closure/Post-Closure (40 CFR Part 265)
- Guidance on Issuing Permits to Facilities Required to Analyze Groundwater for Appendix VIII Constituents
- Guidance on Public Involvement in the RCRA Permitting Program
- Guide for Preparing RCRA Permit Applications for Existing Facilities
- Hazardous Waste Incineration Permitting Study
- Hazardous Waste Incineration: Questions and Answers
- Hydrologic Simulation on Solid Waste Disposal Sites
- Incineration Standards (40 CFR 264 and 265, Subpart O); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Interim Status Standards and General Status Standards for Closure and Post-Closure Care (40 CFR 264 and 265, Subpart G); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Interim Status Standards for Land Treatment Facilities (40 CFR 265, Subpart M); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Interim Status Standards for Landfills (40 CFR 265, Subpart N); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Interim Status Standards for Thermal Treatment Processes Other Than Incineration and for Open Burning (40 CFR 265, Subpart P); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Interim Status Surface Impoundments; Retrofitting Variances; Guidance Document
- Liability Coverage; Requirements for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; A Guidance Manual
- Management of Hazardous Waste Leachate
- Model RCRA Permit for Hazardous Waste Management Facilities
- Modifying RCRA Permits

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- No Migration Variances to the Hazardous Waste Land Disposal Prohibitions; A Guidance Manual for Petitioners
- Permit Applicants' Guidance Manual for Exposure Information Requirements Under RCRA, Section 3019
- Permit Applicants' Guidance Manual for Hazardous Waste Land Treatment, Storage, and Disposal Facilities; Final Draft
- Permit Applicants' Guidance Manual for the General Facility Standards of 40 CFR 264
- Permit Guidance Manual on Hazardous Waste Land Treatment Demonstrations
- Permit Guidance Manual on Unsaturated Zone Monitoring for Hazardous Waste Land Treatment Units
- Permit Writers' Guidance Manual for Hazardous Waste Land Treatment, Storage, and Disposal Facilities; Phase 1: Criteria for Location Acceptability and Existing Applicable Regulations
- Permit Writers' Guidance Manual for Hazardous Waste Tank Standards
- Permitting Hazardous Waste Incinerators
- Permitting of Land Disposal Facilities: Groundwater and Air Emission Monitoring
- Permitting of Land Disposal Facilities: Groundwater Protection Standard
- Permitting of Land Disposal Facilities: Information Requirements for Permitting Discharges; General Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
- Permitting of Land Disposal Facilities: Land Treatment
- Permitting of Land Disposal Facilities: Landfills
- Permitting of Land Disposal Facilities: Overview; Background Document
- Permitting of Land Disposal Facilities: Performance Standards for Land Disposal Facilities
- Permitting of Land Disposal Facilities: Surface Impoundments
- Permitting of Land Disposal Facilities: Underground Injection; Background Document
- Permitting of Land Disposal Facilities: Waste Piles
- Plans, Recordkeeping, Variances, and Demonstrations for Hazardous Waste Treatment, Storage, and Disposal Facilities; A Guidance Manual
- Procedural Guidance for Reviewing Exposure Information Under RCRA, Section 3019
- Proposed Additions to Standards for Hazardous Waste Incineration (40 CFR 264.342 and 264.343); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- RCRA Corrective Action Interim Measures Guidance; Interim Final
- RCRA Corrective Action Plan; Interim Final
- RCRA Groundwater Monitoring Compliance Order Guidance
- RCRA Groundwater Monitoring Technical Enforcement Guidance Document (TEGD) (Final)
- RCRA Implementation Plans (RIP); Fiscal Years: 1987-1992
- RCRA Implementation Plan (RIP); Fiscal Year 1993
- RCRA Permit Policy Compendium (Complete Set)
- RCRA Permit Policy Compendium Update Package; Revision I
- RCRA Permit Quality Protocol; Draft
- Regional Guidance Manual for Selected Interim Status Requirements (Draft)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-P: BDAT Related Comments; Leachates
- Soil Properties, Classification, and Hydraulic Conductivity Testing
- Technical Guidance for Corrective Measures: Determining Appropriate Technology and Response for Air Releases; Draft Final Report
- Technical Guidance for Corrective Measures: Subsurface Gas
- Technical Implementation Document for EPA's Boiler and Industrial Furnace Regulations
- Technical Resource Document for Obtaining Variances from the Secondary Containment Requirement of Hazardous Waste Tank Systems; Volumes I and II
- Technical Resource Document for the Storage and Treatment of Hazardous Waste in Tank Systems
- Waste Analysis Plans; A Guidance Manual

## PESTICIDE WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for Halogenated Pesticide and Chlorobenzene Wastes (K032-K034, K041, K042, K085, K097, K098, K105, and D012-D017) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K031, K084, K101, K102, Characteristic Arsenic Wastes (D004), Characteristic Selenium Wastes (D010), and P and U Wastes Containing Arsenic and Selenium Listing Constituents (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K037 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K037; Amendment (Final)



- Best Demonstrated Available Technology (BDAT) Background Document for K043 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K099 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Organophosphorus Wastes, K036 Nonwastewaters; Amendment (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Organophosphorus Wastes, K038-K040, and Various P and U Codes (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Wastewater Treatment Sludges Generated in the Production of Creosote K035 (Final)
- Environmental Fact Sheet: Toxicity Characteristic Rule Finalized
- Environmental Fact Sheet: Treatment Standards Proposed for 20 Newly Listed Hazardous Wastes and Contaminated Debris
- Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 1: Treatment Standards Related Comments
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1,1,1-Trichloroethane Wastewaters Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-N: BDAT Related Comments; Halogenated Organic, Pharmaceutical, Brominated Organic, Organo-Sulfur Compounds, and Organo-Nitrogen Compound Wastes; and Halogenated Pesticide and Chlorobenzene, Halogenated Phenolic, and Phenolic Wastes
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-O: BDAT Related Comments; K048-K052: Petroleum Refining Industry Wastes; K036: Organophosphorous Wastes (Nonwastewaters); K037: Wastewater Treatment Sludges from the Production of Disulfoton

## **PETROLEUM REFINERY WASTES**

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- Best Demonstrated Available Technology (BDAT) Background Document for K048, K049, K050, K051, and K052 (Final)

- Best Demonstrated Available Technology (BDAT) Background Document for K048, K049, K050, K051, and K052; Amendment (Final)
- Environmental Fact Sheet: Listing of Wastes from Primary Treatment of Oily Wastewaters
- Environmental Fact Sheet: Treatment Standards Proposed for 20 Newly Listed Hazardous Wastes and Contaminated Debris
- Guidance for the Analysis of Refinery Wastes
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-O: BDAT Related Comments; K048-K052: Petroleum Refining Industry Wastes; K036: Organophosphorous Wastes (Nonwastewaters); K037: Wastewater Treatment Sludges from the Production of Disulfoton
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-2: Capacity Related Comments

## **PHENOL PRODUCTION WASTES**

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- Best Demonstrated Available Technology (BDAT) Background Document for K022 (Non-CBI Version) (Final)
- Best Demonstrated Available Technology (BDAT Background Document for K022; Amendment (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1,1,1-Trichloroethane Wastewaters Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons

## **PHORATE PRODUCTION WASTES**

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- Best Demonstrated Available Technology (BDAT) Background Document for Organophosphorus Wastes, K038-K040, and Various P and U Codes (Final)
- Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 1: Treatment Standards Related Comments

## **PHTHALATE WASTES**

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- Best Demonstrated Available Technology (BDAT) Background Document for K024 (Final)



- Best Demonstrated Available Technology (BDAT) Background Document for Phthalate Wastes, K023, K093, K094, and Various P and U Codes (Final)
- Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 1: Treatment Standards Related Comments

## **PIGMENT WASTES**

see INORGANIC PIGMENT WASTES

## **PLASTICS**

see MARKETS—PLASTICS

see SOLID WASTE RECYCLING—PLASTICS

## **POLLUTION PREVENTION**

see SOURCE REDUCTION [NON-HAZARDOUS WASTE]

see WASTE MINIMIZATION [HAZARDOUS WASTE]

## **PROCUREMENT**

- Procurement Guidelines for Government Agencies
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Procurement
- Reusable News (Fall 1991)
- Reusable News (Spring/Summer 1991)
- Reusable News (Winter 1990)
- Reusable News (Spring 1992)

## **PROCUREMENT—BUILDING INSULATION**

- Environmental Fact Sheet: EPA Guideline for Purchasing Building Insulation Containing Recovered Materials

## **PROCUREMENT—CEMENT AND CEMENT PRODUCTS CONTAINING FLY ASH**

- Environmental Fact Sheet: EPA Guideline for Purchasing Cement and Concrete Containing Fly Ash

## **PROCUREMENT—PAPER AND PAPER PRODUCTS**

- Background Documentation for Minimum Content Standards
- Environmental Fact Sheet: EPA Guideline for Purchasing Paper and Paper Products
- Reusable News (Fall 1990)

- Reusable News (Fall 1991)
- Reusable News (Spring 1990)
- Reusable News (Summer 1990)

## **PROCUREMENT—RE-REFINED LUBRICATING OIL**

- Environmental Fact Sheet: EPA Guideline for Purchasing Re-Refined Lubricating Oil

## **PROCUREMENT—RETREAD TIRES**

- Environmental Fact Sheet: EPA Guideline for Purchasing Retread Tires

## **P-WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for Barium Wastes D005 and P013 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Characteristic Ignitable Wastes (D001), Characteristic Corrosive Wastes (D002), Characteristic Reactive Wastes (D003), and P and U Wastes Containing Reactive Listing Constituents (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Cyanide Wastes (F006, F007-F012, F019, and Various P and U Codes) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for D008 and P and U Lead Wastes (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K031, K084, K101, K102, Characteristic Arsenic Wastes (D004), Characteristic Selenium Wastes (D010), and P and U Wastes Containing Arsenic and Selenium Listing Constituents (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Mercury-Containing Wastes (D009, K106, P065, P092, and U151) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Organophosphorus Wastes, K038-K040, and Various P and U Codes (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for P and U Thallium Wastes (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Phthalate Wastes, K023, K093, K094, and Various P and U Codes (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Silver-Containing Wastes D011, P099, P104 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource



(Continued)

- Leachate (F039), Volume A: Wastewater Forms of Organic U and P Wastes and Multisource Leachate (F039) for which there are Concentration-Based Treatment Standards
- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume B: U and P Wastewaters and Nonwastewaters with Methods of Treatment as Treatment Standards
  - Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume C: Nonwastewater Forms of Organic U and P Wastes and Multisource Leachate (F039) for which there are Concentration-Based Treatment Standards
  - Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume D: Reactive U and P Wastewaters and Nonwastewaters
  - Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume E: U and P Gaseous Wastes
  - Best Demonstrated Available Technology (BDAT) Background Document for Vanadium-Containing Wastes P119 and P120 (Final)
  - Hazardous Waste from Discarding of Commercial Chemical Products and the Containers and Spill Residues Thereof (40 CFR 261.33); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
  - Methodology for Developing Best Demonstrated Available Technology (BDAT) Treatment Standards
  - Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-A-2: BDAT Related Comments; General BDAT Issues
  - Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-D: BDAT Related Comments; D003: Characteristic Reactive Wastes and P and U Wastes Containing Reactive Listing Constituents
  - Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-E: BDAT Related Comments; D004: Characteristic Wastes for Arsenic and K, P, and U Wastes Containing Arsenic; and D010: Characteristic Wastes for Selenium
  - Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-F: BDAT Related Comments; D005: Characteristic Wastes for Barium and P013; and D006: Characteristic Wastes for Cadmium
  - Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-H: BDAT Related Comments; D008: Characteristic Wastes for Lead and P and U Wastes Containing Lead

- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-I: BDAT Related Comments; D009: Characteristic Wastes for Mercury and P and U Wastes Containing Mercury; K045, K046, and K047: Wastes from the Manufacturing and Processing of Explosives; D011: Characteristic Wastes for Silver; P119, P120: Vanadium Containing Wastes; and P and U Wastes Containing Thallium
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1, 1, 1-Trichloroethane Wastewaters Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-Q: BDAT Related Comments; Gases
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-2: Capacity Related Comments

## RADIOACTIVE MIXED WASTES

- Combined NRC/EPA Siting Guidelines for Disposal of Commercial Mixed Low-Level Radioactive and Hazardous Waste
- Guidance on the Definition and Identification of Commercial Mixed Low-Level Radioactive and Hazardous Waste and Answers to Anticipated Questions
- Joint NRC/EPA Guidance on a Conceptual Design Approach for Commercial Mixed Low-Level Radioactive and Hazardous Waste Disposal Facilities
- Low-Level Mixed Waste: A RCRA Perspective for NRC Licensees
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-J: BDAT Related Comments; Mixed Radioactive Hazardous Wastes; Polynuclear Aromatic U Wastes; Halogenated Aliphatic U Wastes; Non-Halogenated Aromatic U Wastes; F002-F005: Solvents; F006: Electroplating Wastewater Treatment Sludges; and F019: Aluminum Conversion Coating Treatment Sludges
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-3: Capacity Related Comments

To order a document, you need a document ordering number. Go to *Section 1, Abstracts*, for this information.



## RCRA—GENERAL

- Environmental Fact Sheet: Waste Export and Import Act of 1991
- EPA Activities under RCRA of 1976 - Annual Report to the President and Congress, Fiscal Year 1977
- EPA Activities under RCRA - Annual Report to the President and Congress, Fiscal Year 1978
- First Report to Congress: Resource Recovery and Source Reduction
- Forty CFR Parts 190-299
- Fourth Report to Congress: Resource Recovery and Waste Reduction
- How to Access the RCRA Information Center
- Native American Network: A RCRA Information Exchange
- RCRA Environmental Indicators; FY 1991 Progress Report and Implementation Plan for the Future
- RCRA Implementation Plans (RIP); Fiscal Years: 1987-1992
- RCRA Implementation Plan (RIP); Fiscal Year 1993
- RCRA Orientation Manual: 1990 Edition
- RCRA Permit Policy Compendium, Volume 1: User's Guide, Keyword Index
- RCRA Permit Policy Compendium Update Package; Revision I
- RCRA/Superfund/OUST Hotline (Brochure)
- Report to Congress: EPA Activities and Accomplishments under the Resource Conservation and Recovery Act: Fiscal Years 1980-1985
- Report to Congress: EPA Activities and Accomplishments under the Resource Conservation and Recovery Act: Fourth Quarter Fiscal Year 1986 Through Fiscal Year 1987
- Second Report to Congress: Resource Recovery and Source Reduction
- The Solid Waste Disposal Act as Amended by the Hazardous and Solid Waste Amendments (The Resource Conservation and Recovery Act)
- Third Report to Congress: Resource Recovery and Source Reduction

## REACTIVE WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for Characteristic Ignitable Wastes (D001), Characteristic Corrosive Wastes (D002), Characteristic Reactive Wastes (D003), and P and U Wastes Containing Reactive Listing Constituents (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume D: Reactive U and P Wastewaters and Nonwastewaters

- Design and Development of a Hazardous Waste Reactivity Testing Protocol
- Reactivity Characteristic (40 CFR 261.23); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-D: BDAT Related Comments; D003: Characteristic Reactive Wastes and P and U Wastes Containing Reactive Listing Constituents
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-1: Capacity Related Comments

## RECYCLING

see HAZARDOUS WASTE RECYCLING  
see SOLID WASTE RECYCLING  
see SOLID WASTE RECYCLING—ALUMINUM  
see SOLID WASTE RECYCLING—BATTERIES  
see SOLID WASTE RECYCLING—GLASS  
see SOLID WASTE RECYCLING—PAPER  
see SOLID WASTE RECYCLING—PLASTICS  
see SOLID WASTE RECYCLING—TIRES  
see SOLID WASTE RECYCLING—USED OIL

## REGULATORY IMPACT ANALYSES [RIA]

- Addendum to the Regulatory Impact Analysis for the Final Criteria for Municipal Solid Waste Landfills
- Regulatory Impact Analysis for the Final Criteria for Municipal Solid Waste Landfills
- Regulatory Impact Analysis for the Proposed Rulemaking on Corrective Action for Solid Waste Management Units
- Toxicity Characteristic Regulatory Impact Analysis

## REPORTS TO CONGRESS

- Environmental Fact Sheet: Agency Releases Report to Congress on Special Wastes from Mineral Processing
- Environmental Fact Sheet: Plastics: The Facts About Production, Use, and Disposal
- Environmental Fact Sheet: Plastics: The Facts on Source Reduction
- Environmental Fact Sheet: The Facts About Plastics in the Marine Environment
- Environmental Fact Sheet: The Facts on Degradable Plastics
- Environmental Fact Sheet: The Facts on Recycling Plastics
- EPA Activities Under RCRA of 1976 - Annual Report to the President and Congress, Fiscal Year 1977



- EPA Activities Under RCRA - Annual Report to the President and Congress, Fiscal Year 1978
- First Report to Congress: Resource Recovery and Source Reduction
- Fourth Report to Congress: Resource Recovery and Waste Reduction
- Medical Waste Management in the United States: First Interim Report to Congress
- Medical Waste Management in the United States: Second Interim Report to Congress
- Municipal Waste Combustion Study: Report to Congress
- Report to Congress on Special Wastes from Mineral Processing: Summary and Findings; Methods and Analyses; Appendices
- Report to Congress on the Discharge of Hazardous Wastes to Publicly Owned Treatment Works (The Domestic Sewage Study)
- Report to Congress on the Minimization of Hazardous Wastes (Complete Set)
- Report to Congress: EPA Activities and Accomplishments Under the Resource Conservation and Recovery Act: Fiscal Years 1980-1985
- Report to Congress: EPA Activities and Accomplishments Under the Resource Conservation and Recovery Act: Fourth Quarter Fiscal Year 1986 Through Fiscal Year 1987
- Report to Congress: Management of Hazardous Wastes from Educational Institutions
- Report to Congress: Management of Wastes from the Exploration, Development, and Production of Crude Oil, Natural Gas, and Geothermal Energy (Complete Set)
- Report to Congress: Methods to Manage and Control Plastic Wastes
- Report to Congress: Solid Waste Disposal in the United States; Volumes I and II
- Report to Congress: Wastes from the Combustion of Coal by Electric Utility Power Plants
- Report to Congress: Wastes from the Extraction and Beneficiation of Metallic Ores, Phosphate Rock, Asbestos, Overburden from Uranium Mining, and Oil Shale
- Report to the Congress of the United States on the Post-Closure Liability Trust Fund Under Section 3001(A)(2)(II) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- Report to the Senate Appropriations Committee: Regulation of Wood Preserving Wastes
- Second Report to Congress: Resource Recovery and Source Reduction
- Summary of Comments on Mining Waste Report to Congress
- Third Report to Congress: Resource Recovery and Source Reduction

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## **SECONDARY LEAD SMELTING WASTES**

- Memorandum to Monica Chatmon-McEaddy of Office of Solid Waste Regarding Final Treatment Standards for K069 Nonwastewaters in the Calcium Sulfate/Sodium Subcategory and Wastewater Forms of K069
- Memorandum to Monica Chatmon-McEaddy of Office of Solid Waste Regarding Final Treatment Standards for Non-wastewater and Wastewater Forms of K100
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-K: BDAT Related Comments; F025: Wastes from the Production of Chlorinated Aliphatics; K002-K008: Inorganic Pigments; K011, K013, K014: Acrylonitriles; K015: Still Bottoms from Benzyl Chloride; K046: Wastewater Treatment Sludges from Manufacturing, Formulating, and Loading of Lead-Based Initiating Compounds; K061: Electric Arc Furnace Dust; and K069: Emission Control Dust/Sludge from Secondary Lead Smelting
- Technical Studies Supporting the Mining Waste Regulatory Determination

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## **SELENIUM WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for K031, K084, K101, K102, Characteristic Arsenic Wastes (D004), Characteristic Selenium Wastes (D010), and P and U Wastes Containing Arsenic and Selenium Listing Constituents (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-E: BDAT Related Comments; D004: Characteristic Wastes for Arsenic and K, P, and U Wastes Containing Arsenic; and D010: Characteristic Wastes for Selenium
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-1: Capacity Related Comments

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## **SILVER WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for Silver-Containing Wastes D011, P099, P104 (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-I: BDAT Related Comments; D009: Characteristic Wastes for Mercury and P and U Wastes Containing Mercury; K045, K046, and K047: Wastes from the Manufacturing and Processing of Explosives; D011: Characteristic Wastes for Silver; P119, P120: Vanadium Containing Wastes; and P and U Wastes Containing Thallium



## **SMALL QUANTITY GENERATORS**

- Does Your Business Produce Hazardous Waste? Many Small Businesses Do
  - Chemical Manufacturers
  - Cleaning and Cosmetics
  - Construction
  - Drycleaning and Laundry
  - Educational and Vocational Shops
  - Equipment Repair
  - Formulators
  - Furniture/Wood Manufacturing and Refinishing
  - Laboratories
  - Leather Products Manufacturing
  - Metal Manufacturing
  - Motor Freight Terminals/Railroad Transport
  - Paper Industry
  - Pesticide End-Users/Application Services
  - Printing and Allied Industries
  - Textile Manufacturing
  - Uniform Hazardous Waste Manifest Instructions
  - Vehicle Maintenance
  - Wood Preserving
- National Small Quantity Hazardous Waste Generator Survey; Final Report
- National Survey of Solid Waste (Municipal) Landfill Facilities
- Report to Congress: Management of Hazardous Wastes from Educational Institutions
- Understanding the Small Quantity Generator Hazardous Waste Rules: A Handbook for Small Business

## **SOLID WASTE RECYCLING**

- Adventures of the Garbage Gremlin: Recycle and Combat a Life of Grime (Comic Book)
- Bibliographic Series: Waste Minimization: Hazardous and Non-Hazardous Solid Waste (1980 to Present)
- Bibliography of Municipal Solid Waste Management Alternatives
- Charging Households for Waste Collection and Disposal: The Effects of Weight or Volume-Based Pricing on Solid Waste Management
- The Consumer's Handbook for Reducing Solid Waste
- Decision-Makers Guide to Solid Waste Management
- Environmental Fact Sheet: America's War on Waste

- Environmental Fact Sheet: EPA to Develop Guidance on the Use of the Terms "Recycled" and "Recyclable" in Product Labeling and Advertising
- Environmental Fact Sheet: Municipal Landfill Regulations Mean Safer Disposal of Solid Waste
- Environmental Fact Sheet: SWICH: EPA's National Solid Waste Information
- Guide to Energy from Municipal Waste for Small Communities
- Let's Reduce and Recycle: A Curriculum for Solid Waste Awareness
- Multimaterial Source Separation in Marblehead and Somerville, Massachusetts; Volume II: Collection and Marketing; Volume III: Materials and Refuse; Composition of Source Separated Materials and Refuse; Volume IV: Energy Use and Savings from Source Separated Materials and Other Solid Waste Management Alternatives for Marblehead; Volume V: Citizen Attitudes Toward Source Separation
- Municipal Waste Combustion Study: Recycling of Solid Waste
- Native American Network: A RCRA Information Exchange (Issue #3) (Summer/Fall 1991)
- Once There Lived a Wicked Dragon (Coloring Book)
- Promoting Source Reduction and Recyclability in the Marketplace
- Recycle: You Can Make a Ton of Difference (Brochure)
- Recycle Today! Educational Materials for Grades K-12 (Brochure)
- Recycling in Federal Agencies
- Recycling Works! State and Local Solutions to Solid Waste Management Problems
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Accounting Format
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Financing
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Further Assistance
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Interim Report
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Marketing
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Planning and Overview
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Procurement
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Risks and Contracts
- Resource Recovery Plant Implementation; Guides for Municipal Officials: Technologies



- Reusable News
- Ride the Wave of the Future: Recycle Today! (Poster)
- School Recycling Programs: A Handbook for Educators
- Solid Waste Dilemma: An Agenda for Action; Background Document
- Solid Waste Dilemma: An Agenda for Action (Final Report of the Municipal Waste Task Force)
- Source Separation Collection and Processing Equipment; A User's Guide
- Source Separation: The Community Awareness Program in Somerville and Marblehead, Massachusetts

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### **SOLID WASTE RECYCLING—ALUMINUM**

- Solid Waste Dilemma: An Agenda for Action; Background Document; Appendices A-C

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### **SOLID WASTE RECYCLING—BATTERIES**

- Reusable News (Spring/Summer 1991)
- Reusable News (Spring 1992)
- Solid Waste Dilemma: An Agenda for Action; Background Document; Appendices A-C
- States' Efforts to Promote Lead-Acid Battery Recycling

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### **SOLID WASTE RECYCLING—GLASS**

- Solid Waste Dilemma: An Agenda for Action; Background Document; Appendices A-C

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### **SOLID WASTE RECYCLING—PAPER**

- Background Documentation for Minimum Content Standards
- Office Paper Recycling: An Implementation Manual
- Residential Paper Recovery: A Community Action Program
- Reusable News (Winter 1990)
- Solid Waste Dilemma: An Agenda for Action; Background Document; Appendices A-C

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### **SOLID WASTE RECYCLING—PLASTICS**

- Environmental Fact Sheet: Plastics: The Facts About Production, Use, and Disposal
- Environmental Fact Sheet: The Facts About Plastics in the Marine Environment
- Environmental Fact Sheet: The Facts on Recycling Plastics
- Report to Congress: Methods to Manage and Control Plastic Wastes

- Reusable News (Spring 1990)
- Reusable News (Spring/Summer 1991)
- Solid Waste Dilemma: An Agenda for Action; Background Document; Appendices A-C

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### **SOLID WASTE RECYCLING—TIRES**

- Markets for Scrap Tires
- Solid Waste Dilemma: An Agenda for Action; Background Document; Appendices A-C
- Reusable News (Winter 1991)
- Summary of Markets for Scrap Tires

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### **SOLID WASTE RECYCLING—USED OIL**

- Environmental Fact Sheet: No Hazardous Waste Listing for Used Oil That Is Being Disposed
- How to Set Up a Local Program to Recycle Used Oil
- Recycling Used Oil: 10 Steps to Change Your Oil
- Recycling Used Oil: For Service Stations and Other Vehicle-Service Facilities
- Recycling Used Oil: What Can You Do?
- Reusable News (Fall 1991)
- Solid Waste Dilemma: An Agenda for Action; Background Document; Appendices A-C
- Used Oil Recycling

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### **SOLVENTS**

*see also F-WASTES*

- Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions; Volumes I and II
- Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions: Solvent Waste Volumes and Characteristics, Required Treatment and Recycling Capacity, and Available Treatment and Recycling
- Best Demonstrated Available Technology (BDAT) Background Document for F001-F005 Spent Solvents (Complete Set)
- Best Demonstrated Available Technology (BDAT) Background Document for F001-F005 Spent Solvents; Volumes 1-3
- Best Demonstrated Available Technology (BDAT) Background Document for F001-F005 Spent Solvents; Amendment to Volumes 1 and 2 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for F002 (1,1,2-Trichloroethane) and F005 (Benzene, 2-Ethoxyethanol, and 2-Nitropropane); Amendment (Final)
- Land Disposal Restrictions Summary; Volume I: Solvents and Dioxins

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- Questions and Answers on Land Disposal Restrictions for Solvents and Dioxins
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-J: BDAT Related Comments; Mixed Radioactive Hazardous Wastes; Polynuclear Aromatic U Wastes; Halogenated Aliphatic U Wastes; Non-Halogenated Aromatic U Wastes; F002-F005: Solvents; F006: Electroplating Wastewater Treatment Sludges; and F019: Aluminum Conversion Coating Treatment Sludges

## **SOURCE REDUCTION [NON-HAZARDOUS WASTE]**

see also WASTE MINIMIZATION [HAZARDOUS WASTE]

- Bibliographic Series: Waste Minimization: Hazardous and Non-Hazardous Solid Waste (1980 to Present)
- Bibliography of Municipal Solid Waste Management Alternatives
- Charging Households for Waste Collection and Disposal: The Effects of Weight or Volume-Based Pricing on Solid Waste Management
- The Consumer's Handbook for Reducing Solid Waste
- Decision-Makers Guide to Solid Waste Management
- Environmental Fact Sheet: America's War on Waste
- Environmental Fact Sheet: Municipal Landfill Regulations Mean Safer Disposal of Solid Waste
- Environmental Fact Sheet: Plastics: The Facts About Production, Use, and Disposal
- Environmental Fact Sheet: Plastics: The Facts on Source Reduction
- Environmental Fact Sheet: The Facts About Plastics in the Marine Environment
- Environmental Fact Sheet: The Facts on Degradable Plastics
- Let's Reduce and Recycle: A Curriculum for Solid Waste Awareness
- Preliminary Use and Substitutes Analysis of Lead and Cadmium in Products in Municipal Solid Waste
- Proceedings of the Fifth National Conference on Household Hazardous Waste Management, November 5-7, 1990, San Francisco, California
- Proceedings of the Fourth National Conference on Household Hazardous Waste Management
- Proceedings of the Sixth National United States Environmental Protection Agency Conference on Household Hazardous Waste Management (Seattle, Washington, December 3-7, 1991)
- Promoting Source Reduction and Recyclability in the Marketplace
- Report to Congress: Methods to Manage and Control Plastic Wastes

- Reusable News
- Summary of the First National Conference on Household Hazardous Waste Collection Programs
- Summary of the Second National Conference on Household Hazardous Waste Management
- Summary of the Third National Conference on Household Hazardous Waste Management
- Unit Pricing: Providing an Incentive to Reduce Municipal Solid Waste
- Variable Rates in Solid Waste: Handbook for Solid Waste Officials; Volumes I and II

## **STATE PROGRAMS**

- Equivalency of State Financial Responsibility Mechanisms
- RCRA Final Authorization Guidance Manual
- RCRA Implementation Plans (RIP); Fiscal Years: 1987-1992
- RCRA Implementation Plan (RIP); Fiscal Year 1993
- RCRA Permit Policy Compendium, Volume 11
- State Authorization Manual
- State Decision-Makers Guide for Hazardous Waste Management
- State Program Advisory Number Eight
- State Programs Advisory Number Nine
- States' Efforts to Promote Lead-Acid Battery Recycling

## **STEEL PRODUCTION WASTES**

- Best Demonstrated Available Technology (BDAT) Background Document for K061 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K061; Addendum (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K062 (Final)
- Environmental Fact Sheet: New Treatment Standards Finalized for K061 High Zinc Subcategory Wastes
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-K: BDAT Related Comments; F025: Wastes from the Production of Chlorinated Aliphatics; K002-K008: Inorganic Pigments; K011, K013, K014: Acrylonitriles; K015: Still Bottoms from Benzyl Chloride; K046: Wastewater Treatment Sludges from Manufacturing, Formulating, and Loading of Lead-Based Initiating Compounds; K061: Electric Arc Furnace Dust; and K069: Emission Control Dust/Sludge from Secondary Lead Smelting
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-1: Capacity Related Comments



## **SURFACE IMPOUNDMENTS**

- Action Leakage Rates for Leak Detection Systems; Supplemental Background Document for the Final Double Liners and Leak Detection Systems Rule for Hazardous Waste Landfills, Waste Piles, and Surface Impoundments
- Background Document on Bottom Liner Performance in Double-Lined Landfills and Surface Impoundments
- Background Document on Proposed Liner and Leak Detection Rule
- Closure of Hazardous Waste Surface Impoundments
- Environmental Fact Sheet: Clarification on the Timing for Retrofitting Surface Impoundments Under the Land Disposal Restrictions Rule
- Environmental Fact Sheet: EPA Releases Final Rule on Liners and Leak Detection Systems
- Final Interim Status Standards for Surface Impoundments (40 CFR 265.220); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Interim Status Surface Impoundments; Retrofitting Variances; Guidance Document
- Landfill and Surface Impoundment Performance Evaluation
- Management of Hazardous Waste Leachate
- Minimum Technology Guidance on Double Liner Systems for Landfills and Surface Impoundments; Design, Construction, and Operation
- Minimum Technology Guidance on Single Liner Systems for Landfills, Surface Impoundments, and Waste Piles; Design, Construction, and Operation (Draft)
- Permit Applicants' Guidance Manual for Exposure Information Requirements Under RCRA, Section 3019
- Permitting of Land Disposal Facilities: Surface Impoundments
- RCRA Guidance Document: Surface Impoundments, Liner Systems, Final Cover, and Free Board Control; Draft
- RCRA Permit Policy Compendium, Volume 8
- Regulatory Determination: Landfills and Surface Impoundments Receiving Pulp and Paper Mill Sludge
- Technical Guidance Document: Final Covers on Hazardous Waste Landfills and Surface Impoundments
- Technical Resource Document: Design, Construction, and Operation of Hazardous and Non-Hazardous Waste Surface Impoundments

## **SURVEYS**

see HAZARDOUS WASTE DATA

see MUNICIPAL SOLID WASTE LANDFILLS [MSWLF]

## **TANKS**

- Compilation of Persons Who Design, Test, Inspect, and Install Storage Tank Systems
- General and Interim Status Standards for Tanks (40 CFR 264 and 265, Subpart J); Interim Status Standards for Chemical, Physical, and Biological Treatment (40 CFR 265, Subpart Q); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Hazardous Waste Tanks Failure Model; Description of Methodology and Appendices A, B, C, D, and E
- Hazardous Waste Tanks Risk Analysis
- Permit Writers' Guidance Manual for Hazardous Waste Tank Standards
- Questions and Answers Regarding the July 14, 1986, Hazardous Waste Tank System Regulatory Amendments
- RCRA Permit Policy Compendium, Volume 8
- Rules for Hazardous Waste Tank Systems
- Technical Resource Document for Obtaining Variances from the Secondary Containment Requirement of Hazardous Waste Tank Systems; Volumes I and II
- Technical Resource Document for the Storage and Treatment of Hazardous Waste in Tank Systems

## **TEST METHODS**

- Background Document for the Groundwater Screening Procedure to Support 40 CFR 268 Land Disposal Restrictions
- Background Document for the Liquid Release Test; Single Laboratory Evaluation and 1988 Collaborative Study
- Background Document on the Development and Use of Reference Doses; Part I: Data Needs and Apportionment; Part II: Considerations Related to the Development of Protocols for Toxicity Studies
- Batch-Type Adsorption Procedures for Estimating Soil Attenuation of Chemicals; Draft Technical Resource Document for Public Comment
- Corrosivity Characteristic (40 CFR 261.22); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Design and Development of a Hazardous Waste Reactivity Testing Protocol
- Environmental Fact Sheet: Toxicity Characteristic Rule Finalized
- EP Toxicity Characteristic (40 CFR 261.24); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Guidance for the Analysis of Refinery Wastes



- Inter-Industry Collaborative Study of Toxicity Characteristic Leaching Procedures; Addendum to Compilation of Phase IA and Phase II Data
- Lining of Waste Impoundment and Disposal Facilities
- Municipal Waste Combustion Study: Sampling and Analysis
- Permit Guidance Manual on Hazardous Waste Land Treatment Demonstrations
- Permit Guidance Manual on Unsaturated Zone Monitoring for Hazardous Waste Land Treatment Units
- Proposed Sampling and Analytical Methodologies for Addition to Test Methods for Evaluating Solid Waste: Physical/Chemical Methods (SW-846, Second Edition)
- Reactivity Characteristic (40 CFR 261.23); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Report on Minimum Criteria to Assure Data Quality
- Soil Properties, Classification, and Hydraulic Conductivity Testing
- Solid Waste Leaching Procedure; Technical Resource Document for Public Comment
- Summary of Appropriate Analytical Methods for Appendix IX; Parts I and II
- Surface Water Screening Procedure; Background Document
- Technical Background Document and Response to Comments: Method 1311 Toxicity Characteristic Leaching Procedure
- Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix B: Sampling Strategy
- Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix D: Analytical Methods
- Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix G: Sampling Plan and Sampling Quality Assurance/Quality Control
- Technical Studies Supporting the Mining Waste Regulatory Determination
- Test Method 8290: Procedures for the Detection and Measurement of PCDDs and PCDFs
- Test Method 9096: Liquid Release Test (LRT) Procedure
- Test Method Equivalency Petitions; A Guidance Manual
- Test Methods for Evaluating Solid Waste: Physical/Chemical Methods; Second Edition
- Test Methods for Evaluating Solid Waste: Physical/Chemical Methods; Third Edition; Volumes IA, IB, IC, and II (EPA/SW-846)
- Test Methods for Evaluating Solid Waste: Physical/Chemical Methods; Third Edition: Proposed Update Package

- Toxicity Characteristic Leaching Procedure; Background Document on Resource Conservation and Recovery Act, Subtitle C, Hazardous Waste Management System, Section 3001, Identification and Listing of Hazardous Waste

## THALLIUM WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for P and U Thallium Wastes (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-I: BDAT Related Comments; D009: Characteristic Wastes for Mercury and P and U Wastes Containing Mercury; K045, K046, and K047: Wastes from the Manufacturing and Processing of Explosives; D011: Characteristic Wastes for Silver; P119, P120: Vanadium Containing Wastes; and P and U Wastes Containing Thallium

## TIRES

see MARKETS—TIRES

see PROCUREMENT—RETREAD TIRES

see SOLID WASTE RECYCLING—TIRES

## TOLUENE PRODUCTION WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Dinitrotoluene, Toluenediamine, and Toluene Diisocyanate, K027, K111-K116, U221, and U223 (Final)
- Environmental Fact Sheet: Proposal Will List Wastes Generated during the Manufacture of Chlorinated Toluenes as Hazardous
- Environmental Fact Sheet: Treatment Standards Proposed for 20 Newly Listed Hazardous Wastes and Contaminated Debris
- Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 1: Treatment Standards Related Comments

## TOXICITY CHARACTERISTIC [TC]

- Does Your Business Produce Hazardous Waste? Many Small Businesses Do
  - Chemical Manufacturers
  - Cleaning and Cosmetics
  - Construction
  - Drycleaning and Laundry
  - Educational and Vocational Shops
  - Equipment Repair
  - Formulators
  - Furniture/Wood Manufacturing and Refinishing

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- Laboratories
- Leather Products Manufacturing
- Metal Manufacturing
- Motor Freight Terminals/Railroad Transport
- Paper Industry
- Pesticide End-Users/Application Services
- Printing and Allied Industries
- Textile Manufacturing
- Uniform Hazardous Waste Manifest Instructions
- Vehicle Maintenance
- Wood Preserving
- Environmental Fact Sheet: Interim Final Rule Suspending Application of the Toxicity Characteristic for Used Chlorofluorocarbon Refrigerants Being Reclaimed
- Environmental Fact Sheet: Toxicity Characteristic Rule Finalized
- EP Toxicity Characteristic (40 CFR 261.24); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Inter-Industry Collaborative Study of Toxicity Characteristic Leaching Procedures; Addendum to Compilation of Phase IA and Phase II Data
- The New Toxicity Characteristic Rule: Information and Tips for Generators
- Technical Background Document and Response to Comments: Method 1311 Toxicity Characteristic Leaching Procedure
- Toxicity Characteristic Leaching Procedure; Background Document on Resource Conservation and Recovery Act, Subtitle C, Hazardous Waste Management System, Section 3001, Identification and Listing of Hazardous Waste
- Toxicity Characteristic Regulatory Impact Analysis

## **TRANSPORTERS**

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- Asbestos Waste Management Guidance: Generation, Transport, Disposal
- Does Your Business Produce Hazardous Waste? Many Small Businesses Do
  - Uniform Hazardous Waste Manifest Instructions
- Environmental Fact Sheet: Entry into Force of the Basel Convention
- Heuristic Routing for Solid Waste Collection Vehicles
- Managing and Tracking Medical Wastes: A Guide to the Federal Program for Transporters
- Manifest System, Recordkeeping, and Reporting (40 CFR 264 and 265, Subpart E); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage,

and Disposal Facilities Under RCRA, Subtitle C, Section 3004

- RCRA Permit Policy Compendium, Volume 7
- Resource Conservation and Recovery Act Regulations Affecting Generators and Transporters (40 CFR 262 and 263); Explanation of Revisions in Reporting Burden Estimates
- State Decision-Makers Guide for Hazardous Waste Management
- U.S. Department of Transportation Hazardous Materials Regulations as They Apply to the U.S. Environmental Protection Agency's Hazardous Waste Regulations

## **TREATMENT, STORAGE, DISPOSAL FACILITIES (TSDFs)**

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- Closure/Post-Closure and Financial Responsibility Requirements for Hazardous Waste Treatment, Storage, and Disposal Facilities; Final Rule; Background Document
- Closure/Post-Closure Interim Status Standards (40 CFR 265, Subpart G); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004
- Corrective Measures for Releases to Groundwater from Solid Waste Management Units; Draft Final Report
- Corrective Measures for Releases to Soil from Solid Waste Management Units; Draft Final Report
- Corrective Measures for Releases to Surface Waters, Draft Final Report
- Criteria for Identifying Areas of Vulnerable Hydrogeology under RCRA (Complete Set)
- Directory of Commercial Hazardous Waste Management Facilities
- Environmental Fact Sheet: Changes to Interim Status Facilities; Modifications to Hazardous Waste Permits; Procedures for Post-Closure Permitting
- Environmental Fact Sheet: Delay of Closure Period for Hazardous Waste Facilities
- Environmental Fact Sheet: EPA Amends Monitoring Well Requirements for Interim-Status Hazardous Waste Facilities
- Environmental Fact Sheet: Nineteen Eighty-Five National Biennial Report of Hazardous Waste Generators and Treatment, Storage, and Disposal Facilities
- Environmental Fact Sheet: Proposed Revisions to the Subtitle C Financial Responsibility Requirements
- Environmental Fact Sheet: Proposed Rulemaking on Corrective Action for Solid Waste Management Units at Hazardous Waste Management Facilities
- Evaluating Cover Systems for Solid and Hazardous Waste

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To order a document, you need a document ordering number. Go to *Section 1, Abstracts*, for this information.



- Evaluation Guidelines for Toxic Air Emissions from Land Disposal Facilities
- Final Draft Guidance for Subpart G of the Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
- Financial Assurance for Closure and Post-Closure Care; Requirements for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; A Guidance Manual
- Financial Requirements (40 CFR 264 and 265, Subpart H); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004
- Financial Requirements; Interim Status Standards (40 CFR 265, Subpart H); Final Draft Guidance
- General Issues Concerning Interim Status Standards (40 CFR 265); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004
- General Waste Analysis (40 CFR 264. 13); Interim Status Standards for General Waste Analysis (40 CFR 265. 13); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004
- Groundwater Monitoring (40 CFR 265, Subpart F); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004
- Groundwater Monitoring Guidance for Owners and Operators of Interim Status Facilities
- Guidance for Facility Management Planning; Draft
- Guidance Manual for Cost Estimates for Closure and Post-Closure Plans (Subparts G and H); Volume III: Unit Costs; Volume IV: Documentation
- Guidance Manual on Hazardous Waste Land Treatment Closure/Post-Closure (40 CFR Part 265)
- Guidance on Implementation of the Minimum Technological Requirements of HSWA of 1984, Respecting Liners and Leachate Collection Systems; Reauthorization Statutory Interpretation #5D
- Hydrologic Simulation on Solid Waste Disposal Sites
- Interim Status Standards and General Status Standards for Closure and Post-Closure Care (40 CFR 264 and 265, Subpart G); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Liability Coverage; Requirements for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; A Guidance Manual
- Low-Level Mixed Waste: A RCRA Perspective for NRC Licensees
- Manifest System, Recordkeeping, and Reporting (40 CFR 264 and 265, Subpart E); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004
- Model RCRA Permit for Hazardous Waste Management Facilities
- National Criteria for a Quality Hazardous Waste Management Program
- National Survey of Hazardous Waste Generators and Treatment, Storage, Disposal and Recycling Facilities in 1986: Hazardous Waste Generation and Management
- National Survey of Hazardous Waste Generators and Treatment, Storage, Disposal and Recycling Facilities in 1986: Hazardous Waste Management in RCRA TSDR Units
- National Survey of Hazardous Waste Generators and Treatment, Storage, and Disposal Facilities Regulated Under RCRA in 1981
- Nineteen Eighty-Five National Biennial Report of Hazardous Waste Generators and Treatment, Storage, and Disposal Facilities Regulated under RCRA; Volumes I and II
- Nineteen Eighty-Seven National Biennial RCRA Hazardous Waste Report
- Nineteen Eighty-Six National Screening Survey of Hazardous Waste Treatment, Storage, Disposal, and Recycling Facilities
- No Migration Variances to the Hazardous Waste Land Disposal Prohibitions; A Guidance Manual for Petitioners
- Permit Applicants' Guidance Manual for Hazardous Waste Land Treatment, Storage, and Disposal Facilities; Final Draft
- Permit Applicants' Guidance Manual for the General Facility Standards of 40 CFR 264
- Permitting of Land Disposal Facilities: Groundwater and Air Emission Monitoring
- Permitting of Land Disposal Facilities: Groundwater Protection Standard
- Permitting of Land Disposal Facilities: Overview; Background Document
- Plans, Recordkeeping, Variances, and Demonstrations for Hazardous Waste Treatment, Storage, and Disposal Facilities; A Guidance Manual
- Protocol for Evaluating Interim Status Closure/Post-Closure Plans
- RCRA Facility Assessment Guidance
- RCRA Facility Investigation (RFI) Guidance; Interim Final
- RCRA Groundwater Monitoring Compliance Order Guidance
- RCRA Permit Policy Compendium, Volumes 7-8



- RCRA Personnel Training Guidance for Owners or Operators of Hazardous Waste Management Facilities
- Regulatory Impact Analysis for the Proposed Rulemaking on Corrective Action for Solid Waste Management Units
- Standards for Inspection (40 CFR 264. 15) and Interim Status Standards for Inspection (40 CFR 265. 15); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Standards for Personnel Training (40 CFR 264. 16); Interim Status Standards for Personnel Training (40 CFR 265. 16); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Standards for Preparedness and Prevention (40 CFR 264 and 265, Subpart C); Standards for Contingency Plan and Emergency Procedures (40 CFR 264 and 265, Subpart D); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Standards for Security (40 CFR 264. 14); Interim Status Standards for Security (40 CFR 265. 14); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- State Decision-Makers Guide for Hazardous Waste Management
- Technical Guidance for Corrective Measures: Determining Appropriate Technology and Response for Air Releases; Draft Final Report
- Technical Guidance for Corrective Measures: Subsurface Gas
- Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions; Volumes I and II
- Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions: Solvent Waste Volumes and Characteristics, Required Treatment and Recycling Capacity, and Available Treatment and Recycling
- Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Final Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; (Complete Set)
- Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Proposed Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity (Complete Set)
- Best Demonstrated Available Technology (BDAT) Background Documents for First Third Wastes; Final Rule (Complete Set)
- Best Demonstrated Available Technology (BDAT) Background Documents for Second Third Wastes; Final Rule (Complete Set)
- Best Demonstrated Available Technology (BDAT) Background Documents for Third Third Wastes; Final Rule (Complete Set)
- Commercial Treatment/Recovery Data Set
- Commercial Treatment/Recovery TSDR Survey Data Set
- Environmental Fact Sheet: Capacity Assurance Planning and the 1991 Biennial Report
- Environmental Fact Sheet: Effective Date for Hazardous Debris Treatment Standards Extended One Year
- Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 2: Capacity Related Comments
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2: Capacity Related Comments (Complete Set)
- Summary Report of Capacity at Commercial Facilities; Volumes I and II
- Summary Report of Capacity at Limited Commercial and Company Captive Facilities; Draft; Volumes I and II

## **TREATMENT, STORAGE, DISPOSAL FACILITIES (TSDFs)—CAPACITY**

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- Background Document for First Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Final Rule: First Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity
- Background Document for First Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Proposed Rule: First Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity; Parts I and II
- Background Document for Second Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Final Rule: Second Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity; Volumes I and II
- Background Document for Second Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Proposed Rule: Second Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity

## **TREATMENT, STORAGE, DISPOSAL FACILITIES (TSDFs)—DISPOSAL**

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- Action Leakage Rates for Leak Detection Systems; Supplemental Background Document for the Final Double Liners and Leak Detection Systems Rule for Hazardous Waste Landfills, Waste Piles, and Surface Impoundments
- Asbestos Waste Management Guidance: Generation, Transport, Disposal
- Assessment of Hazardous Waste Mismanagement Damage Case Histories

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To order a document, you need a document ordering number. Go to *Section 1, Abstracts*, for this information.



- Background Document for First Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Final Rule: First Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity
- Background Document for First Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Proposed Rule: First Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity; Parts I and II
- Background Document for Second Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Final Rule: Second Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity; Volumes I and II
- Background Document for Second Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Proposed Rule: Second Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity
- Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions; Volumes I and II
- Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions; Solvent Waste Volumes and Characteristics, Required Treatment and Recycling Capacity, and Available Treatment and Recycling
- Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Final Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; (Complete Set)
- Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Proposed Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity (Complete Set)
- Background Document on Bottom Liner Performance in Double-Lined Landfills and Surface Impoundments
- Background Document on Proposed Liner and Leak Detection Rule
- Compilation of Current Practices at Land Disposal Facilities: Summary of Liner and Leak Detection Designs, Action Leakage Rates, Response Action Plans, and Management of Liquids in Landfills
- Design, Construction, and Evaluation of Clay Liners for Waste Management Facilities
- Environmental Fact Sheet: EPA Releases Final Rule on Liners and Leak Detection Systems
- Environmental Fact Sheet: EPA's Final Conditional No-Migration Determination for DOE's Waste Isolation Pilot Plant (WIPP)
- Environmental Fact Sheet: Final Rule for Third Third Scheduled Wastes Completes Statutory Requirements for Land Disposal Restrictions
- Environmental Fact Sheet: Land Disposal Restrictions Second Third (Final)
- Environmental Fact Sheet: Milestone! Fifth Rulemaking Finalizes Land Disposal Restrictions
- Environmental Fact Sheet: No Land Disposal Standards Amendment
- Fate and Transport of Hazardous Constituents; Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Guidance Manual for Cost Estimates for Closure and Post-Closure Plans (Subparts G and H); Volume II: Land Disposal Facilities
- Guide to the Disposal of Chemically Stabilized and Solidified Waste
- Joint NRC/EPA Guidance on a Conceptual Design Approach for Commercial Mixed Low-Level Radioactive and Hazardous Waste Disposal Facilities
- Liner Location Risk and Cost Analysis Model
- Lining of Waste Impoundment and Disposal Facilities
- Management of Hazardous Waste Leachate
- Managing and Tracking Medical Wastes: A Guide to the Federal Program for Treatment, Destruction, and Disposal Facilities
- Minimum Technology Guidance on Double Liner Systems for Landfills and Surface Impoundments; Design, Construction, and Operation
- Minimum Technology Guidance on Single Liner Systems for Landfills, Surface Impoundments, and Waste Piles; Design, Construction, and Operation (Draft)
- Permitting of Land Disposal Facilities: Performance Standards for Land Disposal Facilities
- Permitting of Land Disposal Facilities: Underground Injection; Background Document
- Procedures for Modeling Flow Through Clay Liners to Determine Required Liner Thickness
- Procedures Manual for Groundwater Monitoring at Solid Waste Disposal Facilities
- Prohibition on the Disposal of Bulk Liquid Hazardous Waste in Landfills; Statutory Interpretive Guidance
- Regulatory Determination: Landfills and Surface Impoundments Receiving Pulp and Paper Mill Sludge
- Report to Congress: Wastes from the Combustion of Coal by Electric Utility Power Plants
- Restrictions on the Placement of Nonhazardous Liquids in Hazardous Waste Landfills
- SOILINER Model
- Technical Guidance Document: Fabrication of Polyethylene FML Field Seams
- Technical Guidance Document: Final Covers on Hazardous Waste Landfills and Surface Impoundments
- Use of the Water Balance Method for Predicting Leachate Generation from Solid Waste Disposal Sites



## **TREATMENT, STORAGE, DISPOSAL FACILITIES (TSDFs)—SITING**

- Combined NRC/EPA Siting Guidelines for Disposal of Commercial Mixed Low-Level Radioactive and Hazardous Waste
- Construction Quality Assurance for Hazardous Waste Land Disposal Facilities; Technical Guidance Document
- Design, Construction, and Evaluation of Clay Liners for Waste Management Facilities
- General Facility Standards for Location of Facilities (40 CFR 264, Subpart B, Section 264.18); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Guidance Document for Subpart F: Air Emission Monitoring; Land Disposal Toxic Air Emissions Evaluation Guideline
- Guidance Document: Seismic Considerations in Hazardous Waste Management Facilities
- Hazardous Waste Land Treatment
- Hydrologic Evaluation of Landfill Performance (HELP) Model; Volume 1: User's Guide for Version 1; Second Edition; Volume 2: Documentation for Version 1
- Liner Location Risk and Cost Analysis Model
- Location Standards for RCRA Hazardous Waste Facilities; Regulatory Development Plan
- Permit Writers' Guidance Manual for Hazardous Waste Land Treatment, Storage, and Disposal Facilities; Phase 1: Criteria for Location Acceptability and Existing Applicable Regulations
- Permitting of Land Disposal Facilities: Information Requirements for Permitting Discharges; General Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
- Soil Properties, Classification, and Hydraulic Conductivity Testing
- Technical Guidance Document: Inspection Techniques for the Fabrication of Geomembrane Field Seams

## **TREATMENT, STORAGE, DISPOSAL FACILITIES (TSDFs)—STORAGE**

- Action Leakage Rates for Leak Detection Systems; Supplemental Background Document for the Final Double Liners and Leak Detection Systems Rule for Hazardous Waste Landfills, Waste Piles, and Surface Impoundments
- Background Document on Bottom Liner Performance in Double-Lined Landfills and Surface Impoundments
- Background Document on Proposed Liner and Leak Detection Rule

- Compilation of Current Practices at Land Disposal Facilities: Summary of Liner and Leak Detection Designs, Action Leakage Rates, Response Action Plans, and Management of Liquids in Landfills
- Compilation of Persons Who Design, Test, Inspect, and Install Storage Tank Systems
- Design, Construction, and Evaluation of Clay Liners for Waste Management Facilities
- General and Interim Status Standards for Tanks (40 CFR 264 and 265, Subpart J); Interim Status Standards for Chemical, Physical, and Biological Treatment (40 CFR 265, Subpart Q); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Guidance for Permit Writers: Facilities Storing Hazardous Waste in Containers
- Guidance Manual for Cost Estimates for Closure and Post-Closure Plans (Subparts G and H); Volumes I: Treatment and Storage Facilities
- Guide for Preparing RCRA Permit Applications for Existing Facilities
- Guide to the Disposal of Chemically Stabilized and Solidified Waste
- Hazardous Waste Tanks Failure Model; Description of Methodology and Appendices A, B, C, D, and E
- Hazardous Waste Tanks Risk Analysis
- Interim Status Surface Impoundments; Retrofitting Variances; Guidance Document
- Lining of Waste Impoundment and Disposal Facilities
- Minimum Technology Guidance on Double Liner Systems for Landfills and Surface Impoundments; Design, Construction, and Operation
- Minimum Technology Guidance on Single Liner Systems for Landfills, Surface Impoundments, and Waste Piles; Design, Construction, and Operation (Draft)
- Permit Writers' Guidance Manual for Hazardous Waste Tank Standards
- Permitting of Land Disposal Facilities: Surface Impoundments
- Permitting of Land Disposal Facilities: Waste Piles
- Procedures for Modeling Flow Through Clay Liners to Determine Required Liner Thickness
- Questions and Answers Regarding the July 14, 1986, Hazardous Waste Tank System Regulatory Amendments
- RCRA Guidance Document: Land Treatment
- RCRA Guidance Document: Surface Impoundments, Liner Systems, Final Cover, and Free Board Control; Draft
- Rules for Hazardous Waste Tank Systems
- SOILINER Model

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- Technical Guidance Document: Fabrication of Polyethylene FML Field Seams
- Technical Guidance Document: Final Covers on Hazardous Waste Landfills and Surface Impoundments
- Technical Guidance Document: Inspection Techniques for the Fabrication of Geomembrane Field Seams
- Technical Resource Document for Obtaining Variances from the Secondary Containment Requirement of Hazardous Waste Tank Systems; Volumes I and II
- Technical Resource Document for the Storage and Treatment of Hazardous Waste in Tank Systems

## **TREATMENT, STORAGE, DISPOSAL FACILITIES (TSDFs)—TREATMENT**

- Background Document for First Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Final Rule: First Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity
- Background Document for First Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Proposed Rule: First Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity; Parts I and II
- Background Document for Second Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Final Rule: Second Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity; Volumes I and II
- Background Document for Second Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Proposed Rule: Second Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity
- Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions; Volumes I and II
- Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions: Solvent Waste Volumes and Characteristics, Required Treatment and Recycling Capacity, and Available Treatment and Recycling
- Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Final Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; (Complete Set)
- Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Proposed Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity (Complete Set)
- Background Information Document for the Development of Regulations to Control the Burning of Hazardous Wastes in Boilers and Industrial Furnaces (Complete Set)
- Best Demonstrated Available Technology (BDAT) Background Document for F001-F005 Spent Solvents (Complete Set)
- Best Demonstrated Available Technology (BDAT) Background Document for Quality Assurance/Quality Control Procedures and Methodology (Final)
- Best Demonstrated Available Technology (BDAT) Background Documents for First Third Wastes; Final Rule (Complete Set)
- Best Demonstrated Available Technology (BDAT) Background Documents for Second Third Wastes; Final Rule (Complete Set)
- Best Demonstrated Available Technology (BDAT) Background Documents for Third Third Wastes; Final Rule (Complete Set)
- Commercial Treatment/Recovery Data Set
- Commercial Treatment/Recovery TSDR Survey Data Set
- Compilation of Current Practices at Land Disposal Facilities: Summary of Liner and Leak Detection Designs, Action Leakage Rates, Response Action Plans, and Management of Liquids in Landfills
- Engineering Handbook for Hazardous Waste Incineration
- Environmental Fact Sheet: Amendment to the Regulations for Burning Hazardous Waste in Boilers and Industrial Furnaces
- Environmental Fact Sheet: EPA Proposes Modifications to the Definition of Wastewater Treatment Unit
- Environmental Fact Sheet: EPA Releases Final Rule on Liners and Leak Detection Systems
- Environmental Fact Sheet: Effective Date for Hazardous Debris Treatment Standards Extended One Year
- Environmental Fact Sheet: Final Rule for Third Third Scheduled Wastes Completes Statutory Requirements for Land Disposal Restrictions
- Environmental Fact Sheet: Hazardous Waste Boilers and Industrial Furnaces Now Under Strict RCRA Regulations
- Environmental Fact Sheet: Land Disposal Restrictions Second Third (Final)
- Environmental Fact Sheet: Milestone! Fifth Rulemaking Finalizes Land Disposal Restrictions
- Environmental Fact Sheet: New Treatment Standards Finalized for K061 High Zinc Subcategory Wastes
- Environmental Fact Sheet: Tighter Controls Proposed for Hazardous Waste Incinerators
- Environmental Fact Sheet: Treatment Standards Proposed for 20 Newly Listed Hazardous Wastes and Contaminated Debris
- EPA Guide for Infectious Waste Management
- General and Interim Status Standards for Tanks (40 CFR 264 and 265, Subpart J); Interim Status Standards for Chemical, Physical, and Biological Treatment (40 CFR 265, Subpart Q); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004



- Generic Quality Assurance Project Plan for Land Disposal Restrictions Program (BDAT)
- Guidance Manual for Cost Estimates for Closure and Post-Closure Plans (Subparts G and H); Volume I: Treatment and Storage Facilities
- Guide to the Disposal of Chemically Stabilized and Solidified Waste
- Hazardous Waste Incineration: Questions and Answers
- Hazardous Waste Land Treatment
- Hazardous Waste Tanks Failure Model; Description of Methodology and Appendices A, B, C, D, and E
- Hazardous Waste Tanks Risk Analysis
- Hospital Waste Combustion Study: Data Gathering Phase; Final Report
- Incineration Standards (40 CFR 264 and 265, Subpart O); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Interim Status Standards for Land Treatment Facilities (40 CFR 265, Subpart M); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Interim Status Standards for Thermal Treatment Processes Other Than Incineration and for Open Burning (40 CFR 265, Subpart P); Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004
- Interim Status Surface Impoundments; Retrofitting Variances; Guidance Document
- Land Disposal Restrictions Summary; Volume I: Solvents and Dioxins
- Management of Hazardous Waste Leachate
- Managing and Tracking Medical Wastes: A Guide to the Federal Program for Treatment, Destruction, and Disposal Facilities
- Methodology for Developing Best Demonstrated Available Technology (BDAT) Treatment Standards
- Methods Manual for Compliance with the BIF Regulations: Burning Hazardous Waste in Boilers and Industrial Furnaces
- Mobile Incineration: An Analysis of the Industry
- Permit Guidance Manual on Hazardous Waste Land Treatment Demonstrations
- Permit Guidance Manual on Unsaturated Zone Monitoring for Hazardous Waste Land Treatment Units
- Permitting Hazardous Waste Incinerators
- Permitting of Land Disposal Facilities: Land Treatment
- Proposed Additions to Standards for Hazardous Waste Incineration (40 CFR 264.342 and 264.343); Standards Ap-

plicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities Under RCRA, Subtitle C, Section 3004

- RCRA Guidance Document: Land Treatment
- Report to Congress on the Discharge of Hazardous Wastes to Publicly Owned Treatment Works (The Domestic Sewage Study)
- Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 1: Treatment Standards Related Comments
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1: BDAT Related Comments (Complete Set)
- Technical Implementation Document for EPA's Boiler and Industrial Furnace Regulations
- Technical Resource Document for Obtaining Variances from the Secondary Containment Requirement of Hazardous Waste Tank Systems; Volumes I and II
- Technical Resource Document for the Storage and Treatment of Hazardous Waste in Tank Systems
- Treatment Technology Background Document; Second Third; Final
- Treatment Technology Background Document; Third Third; Final

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## **TRICHLOROETHANE PRODUCTION WASTES**

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- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of 1,1,1-Trichloroethane, K028, K029, K095, and K096 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of 1,1,1-Trichloroethane, K028, K029, K095, and K096; Amendment (Final)
- Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 1: Treatment Standards Related Comments
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1,1,1-Trichloroethane Wastewaters Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons



## USED OIL

see HAZARDOUS WASTE IDENTIFICATION—LISTING OF USED OIL

see MARKETS—USED OIL

see PROCUREMENT—RE-REFINED LUBRICATING OIL

see SOLID WASTE RECYCLING—USED OIL

## U-WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for Characteristic Ignitable Wastes (D001), Characteristic Corrosive Wastes (D002), Characteristic Reactive Wastes (D003), and P and U Wastes Containing Reactive Listing Constituents (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Chromium Wastes D007 and U032 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Cyanide Wastes (F006, F007-F012, F019, and Various P and U Codes) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for D008 and P and U Lead Wastes (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K001 (Addendum) and U051 (Creosote) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K031, K084, K101, K102, Characteristic Arsenic Wastes (D004), Characteristic Selenium Wastes (D010), and P and U Wastes Containing Arsenic and Selenium Listing Constituents (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Mercury-Containing Wastes (D009, K106, P065, P092, and U151) (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Organophosphorus Wastes, K038-K040, and Various P and U Codes (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for P and U Thallium Wastes (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for Phthalate Wastes, K023, K093, K094, and Various P and U Codes (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume A: Wastewater Forms of Organic U and P Wastes and Multisource Leachate (F039) for which there are Concentration-Based Treatment Standards
- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume B: U and P Wastewaters and Nonwastewaters with Methods of Treatment as Treatment Standards
- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume C: Nonwastewater Forms of Organic U and P Wastes and Multisource Leachate (F039) for which there are Concentration-Based Treatment Standards
- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume D: Reactive U and P Wastewaters and Nonwastewaters
- Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume E: U and P Gaseous Wastes
- Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Dinitrotoluene, Toluenediamine, and Toluene Diisocyanate, K027, K111-K116, U221, and U223 (Final)
- Environmental Fact Sheet: Treatment Standards Proposed for 20 Newly Listed Hazardous Wastes and Contaminated Debris
- Hazardous Waste from Discarding of Commercial Chemical Products and the Containers and Spill Residues Thereof (40 CFR 261.33); Identification and Listing of Hazardous Waste Under RCRA, Subtitle C, Section 3001
- Methodology for Developing Best Demonstrated Available Technology (BDAT) Treatment Standards
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-A-2: BDAT Related Comments; General BDAT Issues
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-D: BDAT Related Comments; D003: Characteristic Reactive Wastes and P and U Wastes Containing Reactive Listing Constituents
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-E: BDAT Related Comments; D004: Characteristic Wastes for Arsenic and K, P, and U Wastes Containing Arsenic; and D010: Characteristic Wastes for Selenium
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-H: BDAT Related Comments; D008: Characteristic Wastes for Lead and P and U Wastes Containing Lead
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-I: BDAT Related Comments; D009: Characteristic Wastes for Mercury and P and U Wastes Containing Mercury; K045, K046, and K047: Wastes from the Manufacturing and Processing of Explosives; D011: Characteristic Wastes for Silver; P119, P120: Vanadium Containing Wastes; and P and U Wastes Containing Thallium
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule;



(Continued)

Volume 1-J: BDAT Related Comments; Mixed Radioactive Hazardous Wastes; Polynuclear Aromatic U Wastes; Halogenated Aliphatic U Wastes; Non-Halogenated Aromatic U Wastes; F002-F005: Solvents; F006: Electroplating Wastewater Treatment Sludges; and F019: Aluminum Conversion Coating Treatment Sludges

- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1,1,1-Trichloroethane Wastewaters Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-Q: BDAT Related Comments; Gases
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-2: Capacity Related Comments

## **VANADIUM WASTES**

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- Best Demonstrated Available Technology (BDAT) Background Document for Vanadium-Containing Wastes P119 and P120 (Final)
- Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-I: BDAT Related Comments; D009: Characteristic Wastes for Mercury and P and U Wastes Containing Mercury; K045, K046, and K047: Wastes from the Manufacturing and Processing of Explosives; D011: Characteristic Wastes for Silver; P119, P120: Vanadium Containing Wastes; and P and U Wastes Containing Thallium

## **VETERINARY PHARMACEUTICAL WASTES**

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- Best Demonstrated Available Technology (BDAT) Background Document for K031, K084, K101, K102, Characteristic Arsenic Wastes (D004), Characteristic Selenium Wastes (D010), and P and U Wastes Containing Arsenic and Selenium Listing Constituents (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K101 and K102 Low Arsenic Subcategory (Final)

## **WASTE MINIMIZATION [HAZARDOUS WASTE]**

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see also SOURCE REDUCTION [NON-HAZARDOUS WASTE]

- Bibliographic Series: Waste Minimization: Hazardous and Non-Hazardous Solid Waste (1980 to Present)
- Does Your Business Produce Hazardous Waste? Many Small Businesses Do
  - Chemical Manufacturers
  - Cleaning and Cosmetics
  - Construction
  - Drycleaning and Laundry
  - Educational and Vocational Shops
  - Equipment Repair
  - Formulators
  - Furniture/Wood Manufacturing and Refinishing
  - Laboratories
  - Leather Products Manufacturing
  - Metal Manufacturing
  - Motor Freight Terminals/Railroad Transport
  - Paper Industry
  - Pesticide End-Users/Application Services
  - Printing and Allied Industries
  - Textile Manufacturing
  - Uniform Hazardous Waste Manifest Instructions
  - Vehicle Maintenance
  - Wood Preserving
- The New Toxicity Characteristic Rule: Information and Tips for Generators
- RCRA Environmental Indicators; FY 1991 Progress Report and Implementation Plan for the Future
- RCRA Permit Policy Compendium, Volume 11
- Report to Congress on the Minimization of Hazardous Wastes (Complete Set)
- Waste Minimization: Environmental Quality with Economic Benefits
- Waste Minimization; Executive Summary
- Waste Minimization in Metals Parts Cleaning

## **WASTE PILES**

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- Action Leakage Rates for Leak Detection Systems; Supplemental Background Document for the Final Double Liners and Leak Detection Systems Rule for Hazardous Waste Landfills, Waste Piles, and Surface Impoundments
- Background Document on Proposed Liner and Leak Detection Rule

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To order a document, you need a document ordering number. Go to *Section 1, Abstracts*, for this information.



- Environmental Fact Sheet: EPA Releases Final Rule on Liners and Leak Detection Systems
- Minimum Technology Guidance on Single Liner Systems for Landfills, Surface Impoundments, and Waste Piles; Design, Construction, and Operation (Draft)
- Permitting of Land Disposal Facilities: Waste Piles
- RCRA Permit Policy Compendium, Volume 8

## WOOD PRESERVING WASTES

- Best Demonstrated Available Technology (BDAT) Background Document for K001 (Final)
- Best Demonstrated Available Technology (BDAT) Background Document for K001 (Addendum) and U051 (Creosote) (Final)
- Does Your Business Produce Hazardous Waste? Many Small Businesses Do
  - Wood Preserving
- Environmental Fact Sheet: Administrative Stay of Wood Preserving Rule
- Environmental Fact Sheet: Modifications Proposed for Wood Preserving Wastes
- Environmental Fact Sheet: Wood Preserving Wastes Listed as Hazardous
- New Rule for Wood Preserving Wastes
- Report to the Senate Appropriations Committee: Regulation of Wood Preserving Wastes

## ***Section 3***

### ***Numerical Listing of Publications***

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## ***Numerical Listing of OSW Publications***

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### **SW-168**

Use of the Water Balance Method for Predicting Leachate Generation from Solid Waste Disposal Sites

### **SW-199C**

Guidance Manual for the Classification of Solid Waste Disposal Facilities

### **SW-335**

Once There Lived a Wicked Dragon (Coloring Book)

### **SW-352**

First Report to Congress: Resource Recovery and Source Reduction

### **SW-353**

Second Report to Congress: Resource Recovery and Source Reduction

### **SW-356**

Heuristic Routing for Solid Waste Collection Vehicles

### **SW-448**

Third Report to Congress: Resource Recovery and Source Reduction

### **SW-470**

Resource Recovery Plant Implementation; Guides for Municipal Officials: Further Assistance

### **SW-471**

Resource Recovery Plant Implementation; Guides for Municipal Officials: Financing

### **SW-480**

Resource Recovery Plant Implementation; Guides for Municipal Officials: Interim Report

### **SW-493**

Resource Recovery Plant Implementation; Guides for Municipal Officials: Accounting Format

### **SW-495**

Resource Recovery Plant Implementation; Guides for Municipal Officials: Procurement

### **SW-496**

Resource Recovery Plant Implementation; Guides for Municipal Officials: Risks and Contracts

### **SW-499**

Resource Recovery Plant Implementation; Guides for Municipal Officials: Marketing

### **SW-533**

Resource Recovery Plant Implementation; Guides for Municipal Officials: Planning and Overview

### **SW-550**

Resource Recovery Plant Implementation; Guides for Municipal Officials: Technologies

### **SW-551**

Source Separation: The Community Awareness Program in Somerville and Marblehead, Massachusetts

### **SW-553**

Residential Paper Recovery: A Community Action Program

### **SW-600**

Fourth Report to Congress: Resource Recovery and Waste Reduction

### **SW-611**

Procedures Manual for Groundwater Monitoring at Solid Waste Disposal Facilities

### **SW-612**

State Decision-Makers Guide for Hazardous Waste Management

### **SW-663**

EPA Activities Under RCRA of 1976 - Annual Report to the President and Congress, Fiscal Year 1977

### **SW-755**

EPA Activities Under RCRA - Annual Report to the President and Congress, Fiscal Year 1978

### **SW-822**

Multimaterial Source Separation in Marblehead and Somerville, Massachusetts; Volume II: Collection and Marketing

### **SW-823**

Multimaterial Source Separation in Marblehead and Somerville, Massachusetts; Volume III: Materials and Refuse; Composition of Source Separated Materials and Refuse

### **SW-824**

Multimaterial Source Separation in Marblehead and Somerville, Massachusetts; Volume IV: Energy Use and Savings from Source Separated Materials and Other Solid Waste Management Alternatives for Marblehead



**SW-825**

Multimaterial Source Separation in Marblehead and Somerville, Massachusetts; Volume V: Citizen Attitudes Toward Source Separation

**SW-842**

Source Separation Collection and Processing Equipment; A User's Guide

**SW-846**

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods; Second Edition

**SW-846**

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods; Third Edition; Volumes IA, IB, IC, and II

**SW-846.3-1**

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods; Third Edition: Proposed Update Package

**SW-862**

RCRA Final Authorization Guidance Manual

**SW-867**

Evaluating Cover Systems for Solid and Hazardous Waste

**SW-868**

Hydrologic Simulation on Solid Waste Disposal Sites

**SW-869R**

Landfill and Surface Impoundment Performance Evaluation

**SW-870**

Lining of Waste Impoundment and Disposal Facilities

**SW-871R**

Management of Hazardous Waste Leachate

**SW-872**

Guide to the Disposal of Chemically Stabilized and Solidified Waste

**SW-873**

Closure of Hazardous Waste Surface Impoundments

**SW-874**

Hazardous Waste Land Treatment

**SW-889**

Engineering Handbook for Hazardous Waste Incineration

**SW-912**

Closure/Post-Closure Interim Status Standards (40 CFR 265, Subpart G): Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities under RCRA, Subtitle C, Section 3004

**SW-913**

Financial Requirements; Interim Status Standards (40 CFR 265, Subpart H); Final Draft Guidance

**SW-915**

RCRA Personnel Training Guidance for Owners or Operators of Hazardous Waste Management Facilities

**SW-921**

Plans, Recordkeeping, Variances, and Demonstrations for Hazardous Waste Treatment, Storage, and Disposal Facilities; A Guidance Manual

**SW-924**

Solid Waste Leaching Procedure; Technical Resource Document for Public Comment

**SW-925**

Soil Properties, Classification, and Hydraulic Conductivity Testing

**SW-935**

U.S. Department of Transportation Hazardous Materials Regulations as They Apply to the U.S. Environmental Protection Agency's Hazardous Waste Regulations

**SW-955**

Financial Assurance for Closure and Post-Closure Care; Requirements for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; A Guidance Manual

**SW-958**

Guide to Energy from Municipal Waste for Small Communities

**SW-961**

Liability Coverage; Requirements for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; A Guidance Manual

**SW-963**

Groundwater Monitoring Guidance for Owners and Operators of Interim Status Facilities

**SW-964R**

Inventory of Open Dumps

**SW-966**

Guidance Manual for Hazardous Waste Incinerator Permits; Final Report

**SW-968**

Permit Applicants' Guidance Manual for the General Facility Standards of 40 CFR 264

**530-SW-82-001A**

RCRA/Superfund Monthly Hotline Report, 1982 (Complete Set)

**530-SW-82-001A**

RCRA/Superfund Monthly Hotline Report, June 1982

**530-SW-82-001B**

RCRA/Superfund Monthly Hotline Report, July 1982



**530-SW-82-001C**

RCRA/Superfund Monthly Hotline Report, August 1982

**530-SW-82-001D**

RCRA/Superfund Monthly Hotline Report, September 1982

**530-SW-82-001E**

RCRA/Superfund Monthly Hotline Report, October 1982

**530-SW-82-001F**

RCRA/Superfund Monthly Hotline Report, November 1982

**530-SW-82-001G**

RCRA/Superfund Monthly Hotline Report, December 1982

**530-SW-83-001**

RCRA/Superfund Monthly Hotline Report, 1983 (Complete Set)

**530-SW-83-001A**

RCRA/Superfund Monthly Hotline Report, January 1983

**530-SW-83-001B**

RCRA/Superfund Monthly Hotline Report, February 1983

**530-SW-83-001C**

RCRA/Superfund Monthly Hotline Report, March 1983

**530-SW-83-001D**

RCRA/Superfund Monthly Hotline Report, April 1983

**530-SW-83-001E**

RCRA/Superfund Monthly Hotline Report, May 1983

**530-SW-83-001F**

RCRA/Superfund Monthly Hotline Report, June 1983

**530-SW-83-001G**

RCRA/Superfund Monthly Hotline Report, July 1983

**530-SW-83-001H**

RCRA/Superfund Monthly Hotline Report, August 1983

**530-SW-83-001I**

RCRA/Superfund Monthly Hotline Report, September 1983

**530-SW-83-001J**

RCRA/Superfund Monthly Hotline Report, October 1983

**530-SW-83-001K**

RCRA/Superfund Monthly Hotline Report, November 1983

**530-SW-83-001L**

RCRA/Superfund Monthly Hotline Report, December 1983

**530-SW-84-001**

Procedures for Modeling Flow Through Clay Liners to Determine Required Liner Thickness

**530-SW-84-002**

Assessment of Hazardous Waste Mismanagement Damage Case Histories

**530-SW-84-004**

Permit Applicants' Guidance Manual for Hazardous Waste Land Treatment, Storage, and Disposal Facilities; Final Draft

**530-SW-84-005**

National Survey of Hazardous Waste Generators and Treatment, Storage, and Disposal Facilities Regulated Under RCRA in 1981

**530-SW-84-006**

Interim National Criteria for a Quality Hazardous Waste Management Program Under RCRA

**530-SW-84-009**

Hydrologic Evaluation of Landfill Performance (HELP) Model; Volume 1: User's Guide for Version 1; Second Edition

**530-SW-84-010**

Hydrologic Evaluation of Landfill Performance (HELP) Model; Volume 2: Documentation for Version 1

**530-SW-84-012**

Waste Analysis Plans; A Guidance Manual

**530-SW-84-013**

Composition and Management of Used Oil Generated in the United States

**530-SW-84-013A**

Composition and Management of Used Oil Generated in the United States; Appendix

**530-SW-84-017**

RCRA/Superfund Monthly Hotline Report, 1984 (Complete Set)

**530-SW-84-017A**

RCRA/Superfund Monthly Hotline Report, January 1984

**530-SW-84-017B**

RCRA/Superfund Monthly Hotline Report, February 1984

**530-SW-84-017C**

RCRA/Superfund Monthly Hotline Report, March 1984

**530-SW-84-017D**

RCRA/Superfund Monthly Hotline Report, April 1984

**530-SW-84-017E**

RCRA/Superfund Monthly Hotline Report, May 1984

**530-SW-84-017F**

RCRA/Superfund Monthly Hotline Report, June 1984

**530-SW-84-017G**

RCRA/Superfund Monthly Hotline Report, July 1984

**530-SW-84-017H**

RCRA/Superfund Monthly Hotline Report, August 1984

**530-SW-84-017I**

RCRA/Superfund Monthly Hotline Report, September 1984



**530-SW-84-017J**

RCRA/Superfund Monthly Hotline Report, October 1984

**530-SW-84-017K**

RCRA/Superfund Monthly Hotline Report, November 1984

**530-SW-84-017L**

RCRA/Superfund Monthly Hotline Report, December 1984

**530-SW-85-003**

Petitions to Delist Hazardous Wastes; A Guidance Manual

**530-SW-85-004**

National Small Quantity Hazardous Waste Generator Survey; Final Report

**530-SW-85-007**

Asbestos Waste Management Guidance: Generation, Transport, Disposal

**530-SW-85-012**

Guidance on Implementation of the Minimum Technological Requirements of HSWA of 1984, Respecting Liners and Leachate Collection Systems; Reauthorization Statutory Interpretation #5D

**530-SW-85-013**

Minimum Technology Guidance on Single Liner Systems for Landfills, Surface Impoundments, and Waste Piles; Design, Construction, and Operation (Draft)

**530-SW-85-014**

Minimum Technology Guidance on Double Liner Systems for Landfills and Surface Impoundments; Design, Construction, and Operation

**530-SW-85-022**

The Solid Waste Disposal Act as Amended by the Hazardous and Solid Waste Amendments (The Resource Conservation and Recovery Act)

**530-SW-85-024**

Permit Writers' Guidance Manual for Hazardous Waste Land Treatment, Storage, and Disposal Facilities; Phase 1: Criteria for Location Acceptability and Existing Applicable Regulations

**530-SW-85-031**

Documentation for Development of Toxicity and Volumes Scores for the Purpose of Scheduling Hazardous Waste

**530-SW-85-033**

Report to Congress: Wastes from the Extraction and Beneficiation of Metallic Ores, Phosphate Rock, Asbestos, Overburden from Uranium Mining, and Oil Shale

**530-SW-85-036**

RCRA/Superfund Monthly Hotline Report, 1985 (Complete Set)

**530-SW-85-036A**

RCRA/Superfund Monthly Hotline Report, January 1985

**530-SW-85-036B**

RCRA/Superfund Monthly Hotline Report, February 1985

**530-SW-85-036C**

RCRA/Superfund Monthly Hotline Report, March 1985

**530-SW-85-036D**

RCRA/Superfund Monthly Hotline Report, April 1985

**530-SW-85-036E**

RCRA/Superfund Monthly Hotline Report, May 1985

**530-SW-85-036F**

RCRA/Superfund Monthly Hotline Report, June 1985

**530-SW-85-036G**

RCRA/Superfund Monthly Hotline Report, July 1985

**530-SW-85-036H**

RCRA/Superfund Monthly Hotline Report, August 1985

**530-SW-85-036I**

RCRA/Superfund Monthly Hotline Report, September 1985

**530-SW-85-036J**

RCRA/Superfund Monthly Hotline Report, October 1985

**530-SW-85-036K**

RCRA/Superfund Monthly Hotline Report, November 1985

**530-SW-85-036L**

RCRA/Superfund Monthly Hotline Report, December 1985

**530-SW-86-004**

Report to Congress on the Discharge of Hazardous Wastes to Publicly Owned Treatment Works (The Domestic Sewage Study)

**530-SW-86-006**

SOILINER Model

**530-SW-86-007F**

Design, Construction, and Evaluation of Clay Liners for Waste Management Facilities

**530-SW-86-008**

Guidance Manual for Research, Development, and Demonstration Permits (40 CFR Section 270.65)

**530-SW-86-009**

Closure/Post-Closure and Financial Responsibility Requirements for Hazardous Waste Treatment, Storage, and Disposal Facilities; Final Rule; Background Document

**530-SW-86-011**

Hazardous Waste Tanks Risk Analysis

**530-SW-86-012**

Hazardous Waste Tanks Failure Model; Description of Methodology and Appendices A, B, C, D, and E

**530-SW-86-013**

Restrictions on the Placement of Nonhazardous Liquids in Hazardous Waste Landfills; Statutory Interpretative Guidance

**530-SW-86-014**

EPA Guide for Infectious Waste Management

**530-SW-86-015**

Guidance Manual on the RCRA Regulation of Recycled Hazardous Wastes

**530-SW-86-016**

Prohibition on the Disposal of Bulk Liquid Hazardous Waste in Landfills; Statutory Interpretive Guidance

**530-SW-86-017**

Interim Status Surface Impoundments; Retrofitting Variances; Guidance Document

**530-SW-86-019**

Understanding the Small Quantity Generator Hazardous Waste Rules: A Handbook for Small Business

**530-SW-86-022**

Criteria for Identifying Areas of Vulnerable Hydrogeology: A RCRA Statutory Interpretative Guidance

**530-SW-86-022A**

Criteria for Identifying Areas of Vulnerable Hydrogeology under RCRA; Appendix A: Technical Methods for Evaluating Hydrogeologic Parameters

**530-SW-86-022B**

Criteria for Identifying Areas of Vulnerable Hydrogeology under RCRA; Appendix B: Groundwater Flow Net/Flow Line Construction and Analysis

**530-SW-86-022C**

Criteria for Identifying Areas of Vulnerable Hydrogeology under RCRA; Appendix C: Technical Methods for Calculating Time of Travel in the Unsaturated Zone

**530-SW-86-022D**

Criteria for Identifying Areas of Vulnerable Hydrogeology under RCRA; Appendix D: Development of Vulnerability Criteria Based on Risk Assessments and Theoretical Modeling

**530-SW-86-023**

Location of Mines and Factors Affecting Exposure

**530-SW-86-024**

Statistical Analysis of Mining Waste Data

**530-SW-86-025**

Quantities of Cyanide-Bearing and Acid-Generating Wastes Generated by the Mining and Beneficiating Industries, and the Potentials for Contaminant Release

**530-SW-86-026**

Technical Studies Supporting the Mining Waste Regulatory Determination

**530-SW-86-027**

Report to Congress: EPA Activities and Accomplishments Under the Resource Conservation and Recovery Act: Fiscal Years 1980-1985

**530-SW-86-030**

Summary of Comments on Mining Waste Report to Congress

**530-SW-86-031**

Construction Quality Assurance for Hazardous Waste Land Disposal Facilities; Technical Guidance Document

**530-SW-86-032**

Permit Guidance Manual on Hazardous Waste Land Treatment Demonstrations

**530-SW-86-033**

Report to Congress on the Minimization of Hazardous Wastes (Complete Set)

**530-SW-86-033A**

Report to Congress on the Minimization of Hazardous Wastes

**530-SW-86-033B**

Report to Congress on the Minimization of Hazardous Wastes; Appendices

**530-SW-86-037**

Solving the Hazardous Waste Problem: EPA's RCRA Program

**530-SW-86-038**

Survey of Household Hazardous Waste and Related Collection Programs

**530-SW-86-039**

Census of State and Territorial Subtitle D Non-Hazardous Waste Programs

**530-SW-86-040**

Permit Guidance Manual on Unsaturated Zone Monitoring for Hazardous Waste Land Treatment Units

**530-SW-86-041**

Report to Congress on Waste Minimization: Issues and Options; Volume I

**530-SW-86-041A**

Waste Minimization; Executive Summary

**530-SW-86-042**

Report to Congress on Waste Minimization: Issues and Options; Volume II

**530-SW-86-043**

Report to Congress on Waste Minimization: Issues and Options; Volume III

**530-SW-86-044**

Technical Resource Document for the Storage and Treatment of Hazardous Waste in Tank Systems



**530-SW-86-045**

National RCRA Corrective Action Strategy

**530-SW-86-047**

Background Document for the Groundwater Screening Procedure to Support 40 CFR 268 Land Disposal Restrictions

**530-SW-86-048**

Background Document on the Development and Use of Reference Doses; Part I: Data Needs and Apportionment; Part II: Considerations Related to the Development of Protocols for Toxicity Studies

**530-SW-86-050**

Surface Water Screening Procedure; Background Document

**530-SW-86-053**

RCRA Facility Assessment Guidance

**530-SW-86-054**

Subtitle D Study: Phase I Report

**530-SW-86-055**

RCRA Groundwater Monitoring Technical Enforcement Guidance Document (TEGD) (Final)

**530-SW-86-056**

Best Demonstrated Available Technology (BDAT) Background Document for F001-F005 Spent Solvents (Complete Set)

**530-SW-86-056A**

Best Demonstrated Available Technology (BDAT) Background Document for F001-F005 Spent Solvents; Volume 1

**530-SW-86-056B**

Best Demonstrated Available Technology (BDAT) Background Document for F001-F005 Spent Solvents; Volume 2

**530-SW-86-056C**

Best Demonstrated Available Technology (BDAT) Background Document for F001-F005 Spent Solvents; Volume 3

**530-SW-86-057**

Questions and Answers on the Land Disposal Restrictions Program (Brochure)

**530-SW-86-060**

Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions; Volume I

**530-SW-86-061**

Background Document for Solvents to Support 40 CFR Part 268 Land Disposal Restrictions; Volume II

**530-SW-86-062**

RCRA/Superfund Monthly Hotline Report, 1986 (Complete Set)

**530-SW-86-062A**

RCRA/Superfund Monthly Hotline Report, January 1986

**530-SW-86-062B**

RCRA/Superfund Monthly Hotline Report, February 1986

**530-SW-86-062C**

RCRA/Superfund Monthly Hotline Report, March 1986

**530-SW-86-062D**

RCRA/Superfund Monthly Hotline Report, April 1986

**530-SW-86-062E**

RCRA/Superfund Monthly Hotline Report, May 1986

**530-SW-86-062F**

RCRA/Superfund Monthly Hotline Report, June 1986

**530-SW-86-062G**

RCRA/Superfund Monthly Hotline Report, July 1986

**530-SW-86-062H**

RCRA/Superfund Monthly Hotline Report, August 1986

**530-SW-86-062I**

RCRA/Superfund Monthly Hotline Report, September 1986

**530-SW-86-062J**

RCRA/Superfund Monthly Hotline Report, October 1986

**530-SW-86-062K**

RCRA/Superfund Monthly Hotline Report, November 1986

**530-SW-86-062L**

RCRA/Superfund Monthly Hotline Report, December 1986

**530-SW-87-002A**

Technical Resource Document for Obtaining Variances from the Secondary Containment Requirement of Hazardous Waste Tank Systems; Volume I

**530-SW-87-002B**

Technical Resource Document for Obtaining Variances from the Secondary Containment Requirement of Hazardous Waste Tank Systems; Volume II

**530-SW-87-005**

Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Field Sampling and Analytical Results

**530-SW-87-005A**

Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix A: Analytical Results

**530-SW-87-005B**

Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix B: Sampling Strategy

**530-SW-87-005C**

Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix C: Sampling Reports; Volumes 1 and 2



**530-SW-87-005D**

Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix D: Analytical Methods

**530-SW-87-005E**

Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix E: Role and Function of EPA Sample Control Center

**530-SW-87-005F**

Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix F: List of Analytes

**530-SW-87-005G**

Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Appendix G: Sampling Plan and Sampling Quality Assurance/Quality Control

**530-SW-87-006**

Batch-Type Adsorption Procedures for Estimating Soil Attenuation of Chemicals; Draft Technical Resource Document for Public Comment

**530-SW-87-008**

Test Method Equivalency Petitions; A Guidance Manual

**530-SW-87-009A**

Guidance Manual for Cost Estimates for Closure and Post-Closure Plans (Subparts G and H); Volume I: Treatment and Storage Facilities

**530-SW-87-009B**

Guidance Manual for Cost Estimates for Closure and Post-Closure Plans (Subparts G and H); Volume II: Land Disposal Facilities

**530-SW-87-009C**

Guidance Manual for Cost Estimates for Closure and Post-Closure Plans (Subparts G and H); Volume III: Unit Costs

**530-SW-87-009D**

Guidance Manual for Cost Estimates for Closure and Post-Closure Plans (Subparts G and H); Volume IV: Documentation

**530-SW-87-010**

RCRA Guidance Manual for Subpart G Closure and Post-Closure Care Standards and Subpart H Cost Estimating Requirements

**530-SW-87-011**

Generic Quality Assurance Project Plan for Land Disposal Restrictions Program (BDAT)

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**530-SW-90-017D**

Environmental Fact Sheet: The Facts on Degradable Plastics

**530-SW-90-017E**

Environmental Fact Sheet: The Facts on Recycling Plastics

**530-SW-90-018**

Reusable News (Winter 1990)

**530-SW-90-019**

Sites for our Solid Waste: A Guidebook for Effective Public Involvement

**530-SW-90-020**

Siting our Solid Waste: Making Public Involvement Work (Brochure)

**530-SW-90-021**

Report on Minimum Criteria to Assure Data Quality

**530-SW-90-023**

School Recycling Programs: A Handbook for Educators

**530-SW-90-024**

Adventures of the Garbage Gremlin: Recycle and Combat a Life of Grime (Comic Book)

**530-SW-90-025**

Recycle Today! Educational Materials for Grades K-12 (Brochure)

**530-SW-90-026**

Environmental Fact Sheet: Hazardous Waste Management System; Final Codification Rule Correction

**530-SW-90-027**

Does Your Business Produce Hazardous Waste? Many Small Businesses Do

**530-SW-90-027A**

Vehicle Maintenance

**530-SW-90-027B**

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**530-SW-90-027C**

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**530-SW-90-027D**

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**530-SW-90-027G**

Printing and Allied Industries

**530-SW-90-027H**

Chemical Manufacturers

**530-SW-90-027I**

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**530-SW-90-027J**

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**530-SW-90-027K**

Motor Freight Terminals/Railroad Transport

**530-SW-90-027L**

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**530-SW-90-027Q**

Cleaning and Cosmetics



**530-SW-90-027R**

Leather Products Manufacturing

**530-SW-90-027S**

Uniform Hazardous Waste Manifest Instructions

**530-SW-90-028**

The New Toxicity Characteristic Rule: Information and Tips for Generators

**530-SW-90-029A**

Characterization of Municipal Waste Combustion Ash, Ash Extracts, and Leachates

**530-SW-90-029B**

Characterization of Municipal Waste Combustion Ash, Ash Extracts, and Leachates; Executive Summary

**530-SW-90-029C**

Environmental Fact Sheet: Report Analyzes Municipal Waste Combustion Ash, Ash Extracts, and Leachates

**530-SW-90-030**

Environmental Fact Sheet: EPA Proposes Modifications to the Definition of Wastewater Treatment Unit

**530-SW-90-033**

Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Proposed Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity (Complete Set)

**530-SW-90-033A**

Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Proposed Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; Volume I: Executive Summary, Chapter 1, Chapter 2

**530-SW-90-033B**

Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Proposed Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; Volume II: Chapter 3

**530-SW-90-033C**

Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Proposed Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; Volume III: Chapter 4, Appendices

**530-SW-90-036**

RCRA Orientation Manual: 1990 Edition

**530-SW-90-039**

Reusable News (Spring 1990)

**530-SW-90-042**

Characterization of Municipal Solid Waste in the United States: 1990 Update

**530-SW-90-042A**

Characterization of Municipal Solid Waste in the United States: 1990 Update; Executive Summary

**530-SW-90-042B**

Environmental Fact Sheet: About the Municipal Solid Waste Stream...

**530-SW-90-043**

Environmental Fact Sheet: Listing of Wastes from Primary Treatment of Oily Wastewaters

**530-SW-90-044**

Waste Minimization: Environmental Quality with Economic Benefits

**530-SW-90-045**

No Migration Variances to the Hazardous Waste Land Disposal Prohibitions; A Guidance Manual for Petitioners

**530-SW-90-046**

Environmental Fact Sheet: Final Rule for Third Third Scheduled Wastes Completes Statutory Requirements for Land Disposal Restrictions

**530-SW-90-047**

Charging Households for Waste Collection and Disposal: The Effects of Weight or Volume-Based Pricing on Solid Waste Management

**530-SW-90-048**

Environmental Fact Sheet: Milestone! Fifth Rulemaking Finalizes Land Disposal Restrictions

**530-SW-90-049**

Model RCRA Permit for Hazardous Waste Management Facilities

**530-SW-90-050**

RCRA Permit Quality Protocol; Draft

**530-SW-90-051A**

Medical Waste Management in the United States: First Interim Report to Congress

**530-SW-90-051B**

Medical Waste Management in the United States: First Interim Report to Congress; Executive Summary

**530-SW-90-055**

Reusable News (Summer 1990)

**530-SW-90-056**

Reusable News (Fall 1990)

**530-SW-90-057**

Low-Level Mixed Waste: A RCRA Perspective for NRC Licensees

**530-SW-90-059**

Best Demonstrated Available Technology (BDAT) Background Documents for Third Third Wastes; Final Rule (First Part of Complete Set)

**530-SW-90-059A**

Best Demonstrated Available Technology (BDAT) Background Document for K031, K084, K101, K102, Characteristic Arsenic Wastes (D004), Characteristic Selenium Wastes (D010), and P and U Wastes Containing Arsenic and Selenium Listing Constituents (Final)

**530-SW-90-059B**

Best Demonstrated Available Technology (BDAT) Background Document for Characteristic Ignitable Wastes (D001), Characteristic Corrosive Wastes (D002), Characteristic Reactive Wastes (D003), and P and U Wastes Containing Reactive Listing Constituents (Final)

**530-SW-90-059C**

Best Demonstrated Available Technology (BDAT) Background Document for K001 (Addendum) and U051 (Creosote) (Final)

**530-SW-90-059D**

Best Demonstrated Available Technology (BDAT) Background Document for K015; Addendum (Final)

**530-SW-90-059E**

Best Demonstrated Available Technology (BDAT) Background Document for K073 (Final)

**530-SW-90-059F**

Best Demonstrated Available Technology (BDAT) Background Document for K021 (Final)

**530-SW-90-059G**

Best Demonstrated Available Technology (BDAT) Background Document for K086 (Ink Formulation Equipment Cleaning Wastes); Addendum (Final)

**530-SW-90-059H**

Best Demonstrated Available Technology (BDAT) Background Document for K060 (Final)

**530-SW-90-059I**

Best Demonstrated Available Technology (BDAT) Background Document for K061; Addendum (Final)

**530-SW-90-059J**

Best Demonstrated Available Technology (BDAT) Background Document for K046; Addendum (Final)

**530-SW-90-059K**

Memorandum to Monica Chatmon-McEaddy of Office of Solid Waste Regarding Final Treatment Standards for K069 Nonwastewaters in the Calcium Sulfate/Sodium Subcategory and Wastewater Forms of K069

**530-SW-90-059L**

Memorandum to Monica Chatmon-McEaddy of Office of Solid Waste Regarding Final Treatment Standards for Non-wastewater and Wastewater Forms of K100

**530-SW-90-059M**

Best Demonstrated Available Technology (BDAT) Background Document for F006; Addendum (Final)

**530-SW-90-059N**

Best Demonstrated Available Technology (BDAT) Background Document for Cyanide Wastes; Addendum for F019 (Final)

**530-SW-90-059O**

Best Demonstrated Available Technology (BDAT) Background Document for K011, K013, and K014; Addendum for Acrylonitrile Wastes (Final)

**530-SW-90-059P**

Best Demonstrated Available Technology (BDAT) Background Document for F002 (1,1,2-Trichloroethane) and F005 (Benzene, 2-Ethoxyethanol, and 2-Nitropropane); Amendment (Final)

**530-SW-90-059Q**

Best Demonstrated Available Technology (BDAT) Background Document for Mercury-Containing Wastes (D009, K106, P065, P092, and U151) (Final)

**530-SW-90-059R**

Best Demonstrated Available Technology (BDAT) Background Document for P and U Thallium Wastes (Final)

**530-SW-90-059S**

Best Demonstrated Available Technology (BDAT) Background Document for Vanadium-Containing Wastes P119 and P120 (Final)

**530-SW-90-059T**

Best Demonstrated Available Technology (BDAT) Background Document for Barium Wastes D005 and P013 (Final)

**530-SW-90-059U**

Best Demonstrated Available Technology (BDAT) Background Document for D006 Cadmium Wastes (Final)

**530-SW-90-059V**

Best Demonstrated Available Technology (BDAT) Background Document for Chromium Wastes D007 and U032 (Final)

**530-SW-90-059W**

Best Demonstrated Available Technology (BDAT) Background Document for D008 and P and U Lead Wastes (Final)

**530-SW-90-059X**

Best Demonstrated Available Technology (BDAT) Background Document for Silver-Containing Wastes D011, P099, P104 (Final)



**530-SW-90-059Y**

Best Demonstrated Available Technology (BDAT) Background Document for Inorganic Pigment Wastes, K002-K008 (Final)

**530-SW-90-059Z**

Treatment Technology Background Document; Third Third; Final

**530-SW-90-060**

Best Demonstrated Available Technology (BDAT) Background Documents for Third Third Wastes; Final Rule (Second Part of Complete Set)

**530-SW-90-060A**

Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Chlorinated Aliphatics F025 (Final)

**530-SW-90-060B**

Memorandum to the Docket Regarding Final Treatment Standards for Nonwastewater and Wastewater Forms of K044, K045, and K047

**530-SW-90-060C**

Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume D: Reactive U and P Wastewaters and Nonwastewaters

**530-SW-90-060D**

Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Epichlorohydrin, K017 (Final)

**530-SW-90-060E**

Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of 1,1,1-Trichloroethane, K028, K029, K095, and K096; Amendment (Final)

**530-SW-90-060F**

Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume A: Wastewater Forms of Organic U and P Wastes and Multisource Leachate (F039) for which there are Concentration-Based Treatment Standards

**530-SW-90-060G**

Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume B: U and P Wastewaters and Nonwastewaters with Methods of Treatment as Treatment Standards

**530-SW-90-060H**

Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume C: Nonwastewater Forms of Organic U and P Wastes and Multisource Leachate (F039) for which there are Concentration-Based Treatment Standards

**530-SW-90-060I**

Best Demonstrated Available Technology (BDAT) Background Document for K022; Amendment (Final)

**530-SW-90-060J**

Best Demonstrated Available Technology (BDAT) Background Document for Distillation Bottoms from the Production of Aniline, K083 (Final)

**530-SW-90-060K**

Best Demonstrated Available Technology (BDAT) Background Document for Distillation Bottoms from the Production of Nitrobenzene by the Nitration of Benzene, K025 (Final)

**530-SW-90-060L**

Best Demonstrated Available Technology (BDAT) Background Document for Stripping Still Tails from the Production of Methyl Ethyl Pyridine, K026 (Final)

**530-SW-90-060M**

Best Demonstrated Available Technology (BDAT) Background Document for Wastewater Treatment Sludges Generated in the Production of Creosote K035 (Final)

**530-SW-90-060N**

Best Demonstrated Available Technology (BDAT) Background Document for Organophosphorus Wastes, K036 Nonwastewaters; Amendment (Final)

**530-SW-90-060O**

Best Demonstrated Available Technology (BDAT) Background Document for K037; Amendment (Final)

**530-SW-90-060P**

Best Demonstrated Available Technology (BDAT) Background Document for Halogenated Pesticide and Chlorobenzene Wastes (K032-K034, K041, K042, K085, K097, K098, K105, and D012-D017) (Final)

**530-SW-90-060Q**

Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Chlorinated Aliphatic Hydrocarbons, F024; Amendment (Final)

**530-SW-90-060R**

Best Demonstrated Available Technology (BDAT) Background Document for K048, K049, K050, K051, and K052; Amendment (Final)

**530-SW-90-060S**

Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume E: U and P Gaseous Wastes

**530-SW-90-061**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1: BDAT Related Comments (Complete Set)

**530-SW-90-061A**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-A-1: BDAT Related Comments; General BDAT Issues

**530-SW-90-061B**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-A-2: BDAT Related Comments; General BDAT Issues

**530-SW-90-061C**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-A-3: BDAT Related Comments; General BDAT Issues

**530-SW-90-061D**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-B: BDAT Related Comments; D001: Characteristic Ignitable Wastes

**530-SW-90-061E**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-C: BDAT Related Comments; D002: Characteristic Corrosive Wastes

**530-SW-90-061F**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-D: BDAT Related Comments; D003: Characteristic Reactive Wastes and P and U Wastes Containing Reactive Listing Constituents

**530-SW-90-061G**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-E: BDAT Related Comments; D004: Characteristic Wastes for Arsenic and K, P, and U Wastes Containing Arsenic; and D010: Characteristic Wastes for Selenium

**530-SW-90-061H**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-F: BDAT Related Comments; D005: Characteristic Wastes for Barium and P013; and D006: Characteristic Wastes for Cadmium

**530-SW-90-061I**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-G: BDAT Related Comments; D007: Characteristic Wastes for Chromium

**530-SW-90-061J**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-H: BDAT Related Comments; D008: Characteristic Wastes for Lead and P and U Wastes Containing Lead

**530-SW-90-061K**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-I: BDAT Related Comments; D009: Characteristic Wastes for Mercury and P and U Wastes Containing Mercury; K045, K046, and K047: Wastes from the Manufacturing and Processing of Explosives; D011: Characteristic Wastes for Silver; P119, P120: Vanadium Containing Wastes; and P and U Wastes Containing Thallium

**530-SW-90-061L**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-J: BDAT Related Comments; Mixed Radioactive Hazardous Wastes; Polynuclear Aromatic U Wastes; Halogenated Aliphatic U Wastes; Non-Halogenated Aromatic U Wastes; F002-F005: Solvents; F006: Electroplating Wastewater Treatment Sludges; and F019: Aluminum Conversion Coating Treatment Sludges

**530-SW-90-061M**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-K: BDAT Related Comments; F025: Wastes from the Production of Chlorinated Aliphatics; K002-K008: Inorganic Pigments; K011, K013, K014: Acrylonitriles; K015: Still Bottoms from Benzyl Chloride; K046: Wastewater Treatment Sludges from Manufacturing, Formulating, and Loading of Lead-Based Initiating Compounds; K061: Electric Arc Furnace Dust; and K069: Emission Control Dust/Sludge from Secondary Lead Smelting

**530-SW-90-061N**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-L: BDAT Related Comments; K071 and K106: Mercury Cell Process Wastes; K086: Residues from Ink Production Wastes Containing Cyanide

**530-SW-90-061O**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1,1,1-Trichloroethane Wastewaters Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons



**530-SW-90-061P**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-N: BDAT Related Comments; Halogenated Organic, Pharmaceutical, Brominated Organic, Organo-Sulfur Compounds, and Organo-Nitrogen Compound Wastes; and Halogenated Pesticide and Chlorobenzene, Halogenated Phenolic, and Phenolic Wastes

**530-SW-90-061Q**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-O: BDAT Related Comments; K048-K052: Petroleum Refining Industry Wastes; K036: Organophosphorous Wastes (Nonwastewaters); K037: Wastewater Treatment Sludges from the Production of Disulfoton

**530-SW-90-061R**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-P: BDAT Related Comments; Leachates

**530-SW-90-061S**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-Q: BDAT Related Comments; Gases

**530-SW-90-062**

Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Final Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; (Complete Set)

**530-SW-90-062A**

Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Final Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; Volume I: Executive Summary, Chapter 1 and Chapter 2

**530-SW-90-062B**

Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Final Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; Volume II: Chapter 3

**530-SW-90-062C**

Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Final Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; Volume III: Chapter 4 and Appendix A - Appendix I

**530-SW-90-062D**

Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Final Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; Volume IV: Chapter 4 and Appendix J - Appendix M

**530-SW-90-063**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2: Capacity Related Comments (Complete Set)

**530-SW-90-063A**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-1: Capacity Related Comments

**530-SW-90-063B**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-2: Capacity Related Comments

**530-SW-90-063C**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 2-3: Capacity Related Comments

**530-SW-90-064**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 3: Policy Related Comments

**530-SW-90-067**

Environmental Fact Sheet: Proposed Rulemaking on Corrective Action for Solid Waste Management Units at Hazardous Waste Management Facilities

**530-SW-90-068**

Used Oil Recycling (Fall 1990)

**530-SW-90-069**

The Nation's Hazardous Waste Management Program at a Crossroads: The RCRA Implementation Study

**530-SW-90-070A**

Environmental Fact Sheet: Agency Releases Report to Congress on Special Wastes from Mineral Processing

**530-SW-90-070B**

Report to Congress on Special Wastes from Mineral Processing: Summary and Findings

**530-SW-90-070C**

Report to Congress on Special Wastes from Mineral Processing: Summary and Findings; Methods and Analyses; Appendices

**530-SW-90-074A**

Markets for Scrap Tires

**530-SW-90-074B**

Summary of Markets for Scrap Tires

**530-SW-90-076**

Mobile Incineration: An Analysis of the Industry

**530-SW-90-078**

Commercial Treatment/Recovery Data Set



**530-SW-90-079**

Native American Network: A RCRA Information Exchange

**530-SW-90-080**

Technical Background Document and Response to Comments: Method 1311 - Toxicity Characteristic Leaching Procedure

**530-SW-90-081**

Regulatory Impact Analysis for the Proposed Rulemaking on Corrective Action for Solid Waste Management Units

**530-SW-90-082**

Recycling in Federal Agencies

**530-SW-90-083**

Environmental Fact Sheet: Coke Wastes Proposed as Hazardous

**530-SW-90-084A**

Variable Rates in Solid Waste: Handbook for Solid Waste Officials; Volume I: Executive Summary

**530-SW-90-084B**

Variable Rates in Solid Waste: Handbook for Solid Waste Officials; Volume II: Detailed Manual

**530-SW-90-085**

Corrective Measures for Releases to Surface Waters, Draft Final Report

**530-SW-90-086**

Technical Evaluation of the Combustion System of the Marine Shale Processors, Inc. Facility in Amelia, Louisiana

**530-SW-90-087A**

Medical Waste Management in the United States: Second Interim Report to Congress

**530-SW-90-087B**

Medical Waste Management in the United States: Second Interim Report to Congress; Executive Summary

**530-SW-90-088**

Toxicity Characteristic Regulatory Impact Analysis

**530-SW-90-089**

Handle with Care: How to Throw Out Used Insulin Syringes and Lancets at Home; A Booklet for Young People with Diabetes and their Families

**530-SW-90-090**

RCRA/Superfund Monthly Hotline Report, 1990 (Complete Set)

**530-SW-90-090A**

RCRA/Superfund Monthly Hotline Report, January 1990

**530-SW-90-090B**

RCRA/Superfund Monthly Hotline Report, February 1990

**530-SW-90-090C**

RCRA/Superfund Monthly Hotline Report, March 1990

**530-SW-90-090D**

RCRA/Superfund Monthly Hotline Report, April 1990

**530-SW-90-090E**

RCRA/Superfund Monthly Hotline Report, May 1990

**530-SW-90-090F**

RCRA/Superfund Monthly Hotline Report, June 1990

**530-SW-90-090G**

RCRA/Superfund Monthly Hotline Report, July 1990

**530-SW-90-090H**

RCRA/Superfund Monthly Hotline Report, August 1990

**530-SW-90-090I**

RCRA/Superfund Monthly Hotline Report, September 1990

**530-SW-90-090J**

RCRA/Superfund Monthly Hotline Report, October 1990

**530-SW-90-090K**

RCRA/Superfund Monthly Hotline Report, November 1990

**530-SW-90-090L**

RCRA/Superfund Monthly Hotline Report, December 1990

**530-SW-91-001**

Native American Network: A RCRA Information Exchange (Issue #2) (Spring 1991)

**530-SW-91-002**

Native American Network: A RCRA Information Exchange (Issue #3) (Summer/Fall 1991)

**530-SW-91-004**

Metals Control Efficiency Test at a Dry Scrubber and Baghouse Equipped Hazardous Waste Incinerator

**530-SW-91-005**

Unit Pricing: Providing an Incentive to Reduce Municipal Solid Waste

**530-SW-91-007**

Environmental Fact Sheet: Proposed Revisions to the Subtitle C Financial Responsibility Requirements

**530-SW-91-008**

Environmental Fact Sheet: Wood Preserving Wastes Listed as Hazardous

**530-SW-91-009**

Environmental Fact Sheet: Yard Waste Composting

**530-SW-91-010**

Methods Manual for Compliance with the BIF Regulations: Burning Hazardous Waste in Boilers and Industrial Furnaces



**530-SW-91-011**

Procurement Guidelines for Government Agencies

**530-SW-91-012**

New Rule for Wood Preserving Wastes

**530-SW-91-014**

Environmental Fact Sheet: Hazardous Waste Boilers and Industrial Furnaces Now Under Strict RCRA Regulations

**530-SW-91-016**

Emissions Testing of a Precalciner Cement Kiln at Louisville, Nebraska

**530-SW-91-017**

Emissions Testing of a Wet Cement Kiln at Hannibal, Missouri; Draft Final Report

**530-SW-91-018A**

State Authorization Manual; Volume I

**530-SW-91-018B**

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**530-SW-91-019**

Test Method 8290: Procedures for the Detection and Measurement of PCDDs and PCDFs

**530-SW-91-020**

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**530-SW-91-021**

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**530-SW-91-022**

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**530-SW-91-023**

RCRA Implementation Plan (RIP): Fiscal Year 1992

**530-SW-91-025**

Environmental Fact Sheet: SWITCH: EPA's National Solid Waste Information Clearinghouse

**530-SW-91-026**

Environmental Fact Sheet: EPA's Final Conditional No-Migration Determination for DOE's Waste Isolation Pilot Plant (WIPP)

**530-SW-91-028**

Environmental Fact Sheet: Interim Final Rule Suspending Application of the Toxicity Characteristic for Used Chlorofluorocarbon Refrigerants Being Reclaimed

**530-SW-91-029**

States' Efforts to Promote Lead-Acid Battery Recycling

**530-SW-91-030**

Proceedings of the First International Symposium on Oil and Gas Exploration and Production Waste Management Practices, September 10-13, 1990, New Orleans, Louisiana

**530-SW-91-033**

Environmental Fact Sheet: Proposal Will List Wastes Generated during the Manufacture of Chlorinated Toluenes as Hazardous

**530-SW-91-039**

RCRA Implementation Plan (RIP): Fiscal Year 1988

**530-SW-91-040**

RCRA Implementation Plan (RIP): Fiscal Year 1989

**530-SW-91-041**

RCRA Implementation Plan (RIP): Fiscal Year 1990

**530-SW-91-042**

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**530-SW-91-043**

Environmental Fact Sheet: EPA Guideline for Purchasing Re-Refined Lubricating Oil

**530-SW-91-044**

Environmental Fact Sheet: EPA Guideline for Purchasing Building Insulation Containing Recovered Materials

**530-SW-91-045**

Environmental Fact Sheet: EPA Guideline for Purchasing Retread Tires

**530-SW-91-046**

Environmental Fact Sheet: EPA Guideline for Purchasing Paper and Paper Products

**530-SW-91-047**

State Program Advisory Number Eight

**530-SW-91-048**

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**530-SW-91-050**

Environmental Fact Sheet: Waste Export and Import Act of 1991

**530-SW-91-051**

Technical Guidance Document: Inspection Techniques for the Fabrication of Geomembrane Field Seams

**530-SW-91-052**

Environmental Fact Sheet: Administrative Stay of Wood Preserving Rule

**530-SW-91-053**

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Best Demonstrated Available Technology (BDAT) Background Document for K048, K049, K050, K051, and K052 (Final) (EPA/530-SW-88-031C)

**PB89-142 384**

Best Demonstrated Available Technology (BDAT) Background Document for K061 (Final) (EPA/530-SW-88-031D)

**PB89-142 392**

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**PB89-142 400**

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**PB89-142 418**

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**PB89-142 426**

Best Demonstrated Available Technology (BDAT) Background Document for K024 (Final) (EPA/530-SW-88-031H)

**PB89-142 434**

Best Demonstrated Available Technology (BDAT) Background Document for K037 (Final) (EPA/530-SW-88-031I)

**PB89-142 442**

Best Demonstrated Available Technology (BDAT) Background Document for K046 Nonreactive Subcategory (Final) (EPA/530-SW-88-031J)

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Best Demonstrated Available Technology (BDAT) Background Document for K101 and K102 Low Arsenic Subcategory (Final) (EPA/530-SW-88-031K)

**PB89-142 467**

Best Demonstrated Available Technology (BDAT) Background Document for F006 (Final) (EPA/530-SW-88-031L)

**PB89-142 475**

Best Demonstrated Available Technology (BDAT) Background Document for K087 (Final) (EPA/530-SW-88-031M)

**PB89-142 483**

Best Demonstrated Available Technology (BDAT) Background Document for K086 Solvent Wash (Final) (EPA/530-SW-88-031N)

**PB89-142 491**

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**PB89-142 517**

Best Demonstrated Available Technology (BDAT) Background Document for K022 (Non-CBI Version) (Final) (EPA/530-SW-88-031Q)

**PB89-142 525**

Best Demonstrated Available Technology (BDAT) Background Document for F001-F005 Spent Solvents; Amendment to Volumes 1 and 2 (Final) (EPA/530-SW-88-031R)

**PB89-142 533**

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**PB89-148 076**

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods; Third Edition: Proposed Update Package (EPA/SW-846.3-1)

**PB89-148 308**

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**PB89-151 039**

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**PB89-151 047**

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**PB89-179 014**

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**PB89-179 022**

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**PB89-179 030**

Summary Report of Capacity at Commercial Facilities; Volume II (EPA/530-SW-89-035B)

**PB89-179 048**

Summary Report of Capacity at Limited Commercial and Company Captive Facilities; Draft; Volume I (EPA/530-SW-89-036A)

**PB89-179 055**

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**PB89-179 501**

Summary of the First National Conference on Household Hazardous Waste Collection Programs (EPA/530-SW-89-042A)

**PB89-179 519**

Summary of the Second National Conference on Household Hazardous Waste Management (EPA/530-SW-89-042B)

**PB89-179 527**

Summary of the Third National Conference on Household Hazardous Waste Management (EPA/530-SW-89-042C)

**PB89-179 535**

Background Document for Second Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Proposed Rule: Second Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity (EPA/530-SW-89-034)

**PB89-179 543**

Trial Burn Observation Guide (EPA/530-SW-89-027)

**PB89-181 937**

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**PB89-187 629**

Report to Congress: Management of Hazardous Wastes from Educational Institutions (EPA/530-SW-89-040)

**PB89-187 645**

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**PB89-187 652**

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**PB89-208 169**

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**PB89-220 552**

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**PB89-220 560**

Background Document for Second Third Wastes to Support 40 CFR 268 Land Disposal Restrictions; Final Rule: Second Third Waste Volumes, Characteristics, and Required and Availability Treatment Capacity; Volume II (EPA/530-SW-89-057B)

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**PB89-221 402**

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**PB89-221 410**

Treatment Technology Background Document; Second Third; Final (EPA/530-SW-89-048A)

**PB89-221 428**

Methodology for Developing Best Demonstrated Available Technology (BDAT) Treatment Standards (EPA/530-SW-89-048B)

**PB89-221 436**

Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 3: Policy Related Comments (EPA/530-SW-89-048C)

**PB89-221 444**

Best Demonstrated Available Technology (BDAT) Background Document for Organophosphorus Wastes, K038-K040, and Various P and U Codes (Final) (EPA/530-SW-89-048G)

**PB89-221 451**

Best Demonstrated Available Technology (BDAT) Background Document for Phthalate Wastes, K023, K093, K094, and Various P and U Codes (Final) (EPA/530-SW-89-048H)

**PB89-221 469**

Best Demonstrated Available Technology (BDAT) Background Document for K009 and K010 (Final) (EPA/530-SW-89-048I)

**PB89-221 477**

Best Demonstrated Available Technology (BDAT) Background Document for K011, K013, and K014 (Final) (EPA/530-SW-89-048J)

**PB89-221 485**

Best Demonstrated Available Technology (BDAT) Background Document for Cyanide Wastes (F006, F007-F012, F019, and Various P and U Codes) (Final) (EPA/530-SW-89-048K)

**PB89-221 493**

Best Demonstrated Available Technology (BDAT) Background Document for K043 (Final) (EPA/530-SW-89-048L)

**PB89-221 501**

Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Chlorinated Aliphatic Hydrocarbons, F024 (Final) (EPA/530-SW-89-048M)

**PB89-221 519**

Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of 1, 1, 1-Trichloroethane, K028, K029, K095, and K096 (Final) (EPA/530-SW-89-048N)

**PB89-221 527**

Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Dinitrotoluene, Toluenediamine, and Toluene Diisocyanate, K027, K111-K116, U221, and U223 (Final) (EPA/530-SW-89-048O)

**PB89-221 535**

Response to Comments Background Document for the Second Third Land Disposal Restrictions Proposed Rule; Volume 1: Treatment Standards Related Comments (EPA/530-SW-89-048D)

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**PB90-187 113**

Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Proposed Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity (Complete Set) (EPA/530-SW-90-033)

**PB90-187 121**

Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Proposed Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; Volume I: Executive Summary, Chapter 1, Chapter 2 (EPA/530-SW-90-033A)

**PB90-187 139**

Background Document for Third Third Wastes to Support 40 CFR Part 268 Land Disposal Restrictions; Proposed Rule: Third Third Waste Volumes, Characteristics, and Required and Available Treatment Capacity; Volume II: Chapter 3 (EPA/530-SW-90-033B)

**PB90-187 147**

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**PB90-187 154**

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**PB90-204 736**

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**PB90-219 874**

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**PB90-234 006**

Best Demonstrated Available Technology (BDAT) Background Documents for Third Third Wastes; Final Rule (First Part of Complete Set) (EPA/530-SW-90-059)

**PB90-234 014**

Best Demonstrated Available Technology (BDAT) Background Document for K031, K084, K101, K102, Characteristic Arsenic Wastes (D004), Characteristic Selenium Wastes (D010), and P and U Wastes Containing Arsenic and Selenium Listing Constituents (Final) (EPA/530-SW-90-059A)

**PB90-234 022**

Best Demonstrated Available Technology (BDAT) Background Document for Characteristic Ignitable Wastes (D001), Characteristic Corrosive Wastes (D002), Characteristic Reactive Wastes (D003), and P and U Wastes Containing Reactive Listing Constituents (Final) (EPA/530-SW-90-059B)

**PB90-234 030**

Best Demonstrated Available Technology (BDAT) Background Document for K001 (Addendum) and U051 (Creosote) (Final) (EPA/530-SW-90-059C)

**PB90-234 048**

Best Demonstrated Available Technology (BDAT) Background Document for K015; Addendum (Final) (EPA/530-SW-90-059D)

**PB90-234 055**

Best Demonstrated Available Technology (BDAT) Background Document for K073 (Final) (EPA/530-SW-90-059E)

**PB90-234 063**

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**PB90-234 071**

Best Demonstrated Available Technology (BDAT) Background Document for K086 (Ink Formulation Equipment Cleaning Wastes); Addendum (Final) (EPA/530-SW-90-059G)

**PB90-234 089**

Best Demonstrated Available Technology (BDAT) Background Document for K060 (Final) (EPA/530-SW-90-059H)

**PB90-234 097**

Best Demonstrated Available Technology (BDAT) Background Document for K061; Addendum (Final) (EPA/530-SW-90-059I)

**PB90-234 105**

Best Demonstrated Available Technology (BDAT) Background Document for K046; Addendum (Final) (EPA/530-SW-90-059J)

**PB90-234 113**

Memorandum to Monica Chatmon-McEaddy of Office of Solid Waste Regarding Final Treatment Standards for K069 Nonwastewaters in the Calcium Sulfate/Sodium Subcategory and Wastewater Forms of K069 (EPA/530-SW-90-059K)

**PB90-234 121**

Memorandum to Monica Chatmon-McEaddy of Office of Solid Waste Regarding Final Treatment Standards for Nonwastewater and Wastewater Forms of K100 (EPA/530-SW-90-059L)

**PB90-234 139**

Best Demonstrated Available Technology (BDAT) Background Document for F006; Addendum (Final) (EPA/530-SW-90-059M)

**PB90-234 147**

Best Demonstrated Available Technology (BDAT) Background Document for Cyanide Wastes; Addendum for F019 (Final) (EPA/530-SW-90-059N)

**PB90-234 154**

Best Demonstrated Available Technology (BDAT) Background Document for K011, K013, and K014; Addendum for Acrylonitrile Wastes (Final) (EPA/530-SW-90-059O)

**PB90-234 162**

Best Demonstrated Available Technology (BDAT) Background Document for F002 (1,1,2 Trichloroethane) and F005 (Benzene, 2-Ethoxyethanol, and 2-Nitropropane); Amendment (Final) (EPA/530-SW-90-059P)

**PB90-234 170**

Best Demonstrated Available Technology (BDAT) Background Document for Mercury-Containing Wastes (D009, K106, P065, P092, and U151) (Final) (EPA/530-SW-90-059Q)

**PB90-234 188**

Best Demonstrated Available Technology (BDAT) Background Document for P and U Thallium Wastes (Final) (EPA/530-SW-90-059R)

**PB90-234 196**

Best Demonstrated Available Technology (BDAT) Background Document for Vanadium-Containing Wastes P119 and P120 (Final) (EPA/530-SW-90-059S)

**PB90-234 204**

Best Demonstrated Available Technology (BDAT) Background Document for Barium Wastes D005 and P013 (Final) (EPA/530-SW-90-059T)

**PB90-234 212**

Best Demonstrated Available Technology (BDAT) Background Document for D006 Cadmium Wastes (Final) (EPA/530-SW-90-059U)

**PB90-234 220**

Best Demonstrated Available Technology (BDAT) Background Document for Chromium Wastes D007 and U032 (Final) (EPA/530-SW-90-059V)

**PB90-234 238**

Best Demonstrated Available Technology (BDAT) Background Document for D008 and P and U Lead Wastes (Final) (EPA/530-SW-90-059W)

**PB90-234 246**

Best Demonstrated Available Technology (BDAT) Background Document for Silver-Containing Wastes D011, P099, P104 (Final) (EPA/530-SW-90-059X)

**PB90-234 253**

Best Demonstrated Available Technology (BDAT) Background Document for Inorganic Pigment Wastes, K002-K008 (Final) (EPA/530-SW-90-059Y)

**PB90-234 279**

Best Demonstrated Available Technology (BDAT) Background Documents for Third Third Wastes; Final Rule (Second Part of Complete Set) (EPA/530-SW-90-060)

**PB90-234 287**

Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Chlorinated Aliphatics F025 (Final) (EPA/530-SW-90-060A)

**PB90-234 295**

Memorandum to the Docket Regarding Final Treatment Standards for Nonwastewater and Wastewater Forms of K044, K045, and K047 (EPA/530-SW-90-060B)

**PB90-234 303**

Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume D: Reactive U and P Wastewaters and Nonwastewaters (EPA/530-SW-90-060C)

**PB90-234 311**

Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Epichlorohydrin, K017 (Final) (EPA/530-SW-90-060D)

**PB90-234 329**

Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of 1, 1, 1-Trichloroethane, K028, K029, K095, and K096; Amendment (Final) (EPA/530-SW-90-060E)

**PB90-234 337**

Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume A: Wastewater Forms of Organic U and P Wastes and Multisource Leachate (F039) for which there are Concentration-Based Treatment Standards (EPA/530-SW-90-060F)

**PB90-234 345**

Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume B: U and P Wastewaters and Nonwastewaters with Methods of Treatment as Treatment Standards (EPA/530-SW-90-060G)

**PB90-234 352**

Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume C: Nonwastewater Forms of Organic U and P Wastes and Multisource Leachate (F039) for which there are Concentration-Based Treatment Standards (EPA/530-SW-90-060H)

**PB90-234 360**

Best Demonstrated Available Technology (BDAT) Background Document for K022; Amendment (Final) (EPA/530-SW-90-060I)

**PB90-234 378**

Best Demonstrated Available Technology (BDAT) Background Document for Distillation Bottoms from the Production of Aniline, K083 (Final) (EPA/530-SW-90-060J)

**PB90-234 386**

Best Demonstrated Available Technology (BDAT) Background Document for Distillation Bottoms from the Production of Nitrobenzene by the Nitration of Benzene, K025 (Final) (EPA/530-SW-90-060K)

**PB90-234 394**

Best Demonstrated Available Technology (BDAT) Background Document for Stripping Still Tails from the Production of Methyl Ethyl Pyridine, K026 (Final) (EPA/530-SW-90-060L)

**PB90-234 402**

Best Demonstrated Available Technology (BDAT) Background Document for Wastewater Treatment Sludges Generated in the Production of Creosote K035 (Final) (EPA/530-SW-90-060M)

**PB90-234 410**

Best Demonstrated Available Technology (BDAT) Background Document for Organophosphorus Wastes, K036 Nonwastewaters; Amendment (Final) (EPA/530-SW-90-060N)

**PB90-234 428**

Best Demonstrated Available Technology (BDAT) Background Document for K037; Amendment (Final) (EPA/530-SW-90-060O)

**PB90-234 436**

Best Demonstrated Available Technology (BDAT) Background Document for Halogenated Pesticide and Chlorobenzene Wastes (K032-K034, K041, K042, K085, K097, K098, K105, and D012-D017) (Final) (EPA/530-SW-90-060P)

**PB90-234 444**

Best Demonstrated Available Technology (BDAT) Background Document for Wastes from the Production of Chlorinated Aliphatic Hydrocarbons, F024; Amendment (Final) (EPA/530-SW-90-060Q)

**PB90-234 451**

Best Demonstrated Available Technology (BDAT) Background Document for K048, K049, K050, K051, and K052; Amendment (Final) (EPA/530-SW-90-060R)

**PB90-234 469**

Best Demonstrated Available Technology (BDAT) Background Document for U and P Wastes, Multisource Leachate (F039), Volume E: U and P Gaseous Wastes (EPA/530-SW-90-060S)

**PB90-234 477**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1: BDAT Related Comments (Complete Set) (EPA/530-SW-90-061)

**PB90-234 485**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-A-1: BDAT Related Comments; General BDAT Issues (EPA/530-SW-90-061A)

**PB90-234 493**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-A-2: BDAT Related Comments; General BDAT Issues (EPA/530-SW-90-061B)

**PB90-234 501**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-A-3: BDAT Related Comments; General BDAT Issues (EPA/530-SW-90-061C)

**PB90-234 519**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-B: BDAT Related Comments; D001: Characteristic Ignitable Wastes (EPA/530-SW-90-061D)

**PB90-234 527**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-C: BDAT Related Comments; D002: Characteristic Corrosive Wastes (EPA/530-SW-90-061E)

**PB90-234 535**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-D: BDAT Related Comments; D003: Characteristic Reactive Wastes and P and U Wastes Containing Reactive Listing Constituents (EPA/530-SW-90-061F)

**PB90-234 543**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-E: BDAT Related Comments; D004: Characteristic Wastes for Arsenic and K, P, and U Wastes Containing Arsenic; and D010: Characteristic Wastes for Selenium (EPA/530-SW-90-061G)

**PB90-234 550**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-F: BDAT Related Comments; D005: Characteristic Wastes for Barium and P013; and D006: Characteristic Wastes for Cadmium (EPA/530-SW-90-061H)

**PB90-234 568**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-G: BDAT Related Comments; D007: Characteristic Wastes for Chromium (EPA/530-SW-90-061I)

**PB90-234 576**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-H: BDAT Related Comments; D008: Characteristic Wastes for Lead and P and U Wastes Containing Lead (EPA/530-SW-90-061J)

**PB90-234 584**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-I: BDAT Related Comments; D009: Characteristic Wastes for Mercury and P and U Wastes Containing Mercury; K045, K046, and K047: Wastes from the Manufacturing and Processing of Explosives; D011: Characteristic Wastes for Silver; P119, P120: Vanadium Containing Wastes; and P and U Wastes Containing Thallium (EPA/530-SW-90-061K)

**PB90-234 592**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-J: BDAT Related Comments; Mixed Radioactive Hazardous Wastes; Polynuclear Aromatic U Wastes; Halogenated Aliphatic U Wastes; Non-Halogenated Aromatic U Wastes; F002-F005: Solvents; F006: Electroplating Wastewater Treatment Sludges; and F019: Aluminum Conversion Coating Treatment Sludges (EPA/530-SW-90-061L)

**PB90-234 600**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-K: BDAT Related Comments; F025: Wastes from the Production of Chlorinated Aliphatics; K002-K008: Inorganic Pigments; K011, K013, K014: Acrylonitriles; K015: Still Bottoms from Benzyl Chloride; K046: Wastewater Treatment Sludges from Manufacturing, Formulating, and Loading of Lead-Based Initiating Compounds; K061: Electric Arc Furnace Dust; and K069: Emission Control Dust/Sludge from Secondary Lead Smelting (EPA/530-SW-90-061M)

**PB90-234 618**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-L: BDAT Related Comments; K071 and K106: Mercury Cell Process Wastes; K086: Residues from Ink Production, Wastes Containing Cyanide (EPA/530-SW-90-061N)



**PB90-234 626**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-M: BDAT Related Comments; K017: Wastes from the Production of Epichlorohydrin; K028, K029, K095, and K096: Production of 1,1,1-Trichloroethane Wastewaters Containing BDAT Constituents; K022: Wastes from the Production of Phenol/Acetone; K025: Distillation Bottoms from the Production of Nitrobenzene; K035: Wastewater Treatment Sludges from the Production of Creosote; K026: Stripping Still Tails from the Production of Methyl Ethyl Pyridine; K083: Distillation Bottoms from the Production of Aniline Oxygenated Hydrocarbons and Heterocyclic U and P Wastes; F024: Production of Chlorinated Aliphatic Hydrocarbons (EPA/530-SW-90-061O)

**PB90-234 634**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-N: BDAT Related Comments; Halogenated Organic, Pharmaceutical, Brominated Organic, Organo-Sulfur Compounds, and Organo-Nitrogen Compound Wastes; and Halogenated Pesticide and Chlorobenzene, Halogenated Phenolic, and Phenolic Wastes (EPA/530-SW-90-061P)

**PB90-234 642**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-O: BDAT Related Comments; K048-K052: Petroleum Refining Industry Wastes; K036: Organophosphorous Wastes (Nonwastewaters); K037: Wastewater Treatment Sludges from the Production of Disulfoton (EPA/530-SW-90-061Q)

**PB90-234 659**

Response to Comments Background Document for the Third Third Land Disposal Restrictions Proposed Rule; Volume 1-P: BDAT Related Comments; Leachates (EPA/530-SW-90-061R)

**PB90-234 667**

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**PB90-234 675**

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**PB90-234 683**

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**PB90-234 691**

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**PB90-234 709**

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**PB90-234 717**

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**PB90-234 725**

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**PB90-234 733**

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**PB90-234 741**

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**PB90-234 758**

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**PB90-258 492**

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**PB90-259 789**

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**PB91-101 873**

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**PB91-102 046**

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**PB91-102 053**

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**PB91-179 168**

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**PB91-206 607**

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**PB92-124 783**

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**PB92-922 404**

RCRA/Superfund Monthly Hotline Report, April 1992 (EPA/530-R-92-014d)

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**869-013-00146-0**

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**869-013-00147-8**

Forty CFR Parts 260-299

**\*955-001-00000-1**

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## **Section 4**

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A deposit account may be established by sending a minimum of \$50.00 and receiving a unique deposit account number, which can be used to charge future purchases. Order blanks are provided and monthly statements are mailed to customers with active deposit accounts. Telephone orders will be accepted on any deposit account if sufficient funds are available in the account. For more information, please write:

Superintendent of Documents  
Deposit Accounts Section  
Stop: SSOR  
U.S. Government Printing Office  
Washington, DC 20402

You may also fax (202) 512-1356.

## International Orders

Orders sent directly to GPO for delivery outside the U.S. will be subject to a 25-percent surcharge for special handling required by international mailing regulations. Such orders will be shipped by surface mail. Airmail delivery is available at additional cost based on the International Postal Zone of the recipient. If you wish to have your order sent by air, you should contact us in advance by mail, telephone (202-783-3238), telex (710-822-9413 USGPO WSH), or fax (202-512-2250) for the total cost of your order. Remittance in U.S. dollars should accompany every order sent directly to GPO. We accept as remittance: checks drawn on U.S. or Canadian banks, UNESCO coupons, International Postal Money Orders, charges to prepaid Superintendent of Documents or NTIS deposit accounts and international VISA and MasterCard accounts. Please include your credit card number and date of expiration with your charge order. Checks and money orders should be made payable to the Superintendent of Documents.

**Note:** We cannot accept checks drawn on Canadian banks for less than U.S. \$4.00. Orders sent directly to GPO must be in English. We cannot accept foreign currency, checks on foreign banks, or postage stamps. Allow a minimum of 10 weeks for delivery.



GPO Form 3430 (R 5/91)

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Our regulations require payment in advance of shipment. Your check or money order should be made payable to the Superintendent of Documents. Your order may also be charged to a VISA, MasterCard, or prepaid Superintendent of Documents deposit account. If a credit card is used, please be sure to include the date of expiration. Postage stamps and currency are not acceptable forms of payment.

When ordering publications other than subscriptions, type or print the stock number, quantity, title, price, and total payment enclosed.

When ordering a single issue of a subscription, type or print the complete title of the subscription, the list ID or the stock number of the issue ordered (when available), the single copy price, and all data pertaining to the requested issue (issue date, volume number, issue number, etc.).

When ordering subscriptions, type or print the quantity, list ID, title, unit price, and total payment enclosed. All subscriptions are for one year unless otherwise noted. Subscribers will be notified in ample time to renew. [Mail original of form to Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954.]

## Telephone Orders

Orders can be charged to a VISA, MasterCard, or prepaid Superintendent of Documents Deposit Account by calling our Order Desk at (202) 783-3238 between 8 AM and 4 PM eastern time, Monday through Friday. To fax your subscription/combination order use (202) 512-2233; to fax your publication/or single issue subscription order use (202) 512-2250 24 hours a day, 7 days a week.

Please wait for at least 4 weeks for publications and 6 weeks for subscriptions before inquiring about your order. For inquiries on subscriptions, write to Subscription Service Section, U.S. Government Printing Office, Stop: SSOM, Washington, DC 20402-9375. (Call (202) 512-2303 or fax (202) 512-2168 for subscription inquiries.) For publications other than subscriptions, write to Publications Service Section, U.S. Government Printing Office, Stop: SSOS, Washington, DC 20402-9329. You may also call (202) 512-2457 or fax (202) 512-2164 for inquiries concerning publication orders.

## Customer Service

Occasionally, errors may occur in the processing of orders. Should you find an error in your order, please write to the Superintendent of Documents. All claims must be submitted within 6 months. **PLEASE DO NOT RETURN PUBLICATIONS UNLESS SO NOTIFIED.** We do not accept the return of publications for exchange or credit unless an error was made by this Office in filling your order. Please remember that all sales are final.

## Bookdealers

Designated bookdealers and educational institution bookstores are authorized a 25-percent discount on the domestic price of any publication ordered if delivered to the dealer's normal place of business. This rule applies to single as well as multiple copies of a publication, except on items specifically designated "no discount allowed." No discounts are allowed when the publication, pamphlet, periodical, or subscription service is mailed to a third party (unless in quantities of 100 or more), or on those periodicals or subscription services which fall into a special pricing category. The maximum discount allowed is 25 percent.

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