# Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF) Regulations

A User-Friendly Reference Document for RCRA Subtitle C Permit Writers and Permittees

11/30/2018 EPA 530-R-11-006 Version 8

# Table of Contents

Introduction	1
How to Use This Tool	1
Overview of the Hazardous Waste RCRA Permitting Processes (Flowcharts)	3
RCRA Hazardous Waste Pre-Permit Application Meeting	3
Submit a RCRA Hazardous Waste Permit Application	5
Issue a Draft RCRA Hazardous Waste Permit	6
Issue a Final RCRA Hazardous Waste Permit	7
RCRA Hazardous Waste Combustor Trial Burns	8
Modify a RCRA Hazardous Waste Permit	9
Renew a RCRA Hazardous Waste Permit1	0
Summary Chart1	1
Hazardous Waste TSDF Resources1	2
RCRA Orientation Manual1	2
RCRA Training Modules1	2
RCRAInfo1	3
Imports/Exports1	3
Hazardous Waste Permitting Resources1	3
Example RCRA Subtitle C Permit Application Checklists1	4
General1	.4
Unit-Specific1	.4
Other1	.4
Example Standardized and Model Permit Tools1	4
Note: Some of this information is reproduced with permission from the States. By including this material, EPA does not endorse it or keep it current. To determine if the model permits are the most recent, please check with the State1	4
Example Subpart X and Emergency Permits1	5
Note: This information is reproduced with permission from the States. By including this material, EPA does not endorse it or keep it current. To determine if these permits are the most recent, please check with the State. Other example Subpart X permits1	
Other Permit Examples1	5
Note: This information is reproduced with permission from the States. By including this material, EPA does not endorse it or keep it current. To determine if these permits are the most recent, please check with the State	
Example State Checklists1	5

Note: This information is reproduced with permission from the States. By including this material, EPA does not endorse it or keep it current. To determine if these checklists are the most recent, please check with the State
RCRA Permits Managers and Staff Directory (Excel Spreadsheet) - The spreadsheet contains EPA headquarters, EPA Regional, and State permits managers and staff contact information
State Permitting Websites
Other EPA Permitting Websites
Regional Permitting Websites
RCRA Subtitle C Permitting Websites17
Biennial Report (RCRAInfo) and Biennial Report17
Combustion and Combustion FRNs17
Closure/Post Closure17
Corrective Action Program17
Financial Assurance17
Groundwater Monitoring17
Permitting17
State Authorization and State Authorization Tracking System (StATS)
Subpart X
Other Relevant Websites
Enforcement and Compliance History Online (ECHO) – replaces Online Tracking Information System (OTIS)
Envirofacts and Enviromapper
Environmental Justice Policy and Guidance
EPA Statutory and Regulatory Authorities Under Which Environmental Justice Issues May Be Addressed in Permitting (PDF) (14 pp, 122K) - December 2000 - Office of General Counsel memo
Glossary
NAICS Codes
USGS Topographical Maps
Guidance/Policy Memos
General Permitting Resources
Public Involvement in Environmental Permits (PDF) (122 pp, 653 KB)19
Steps in the Hazardous Waste Permitting Process19
Public Participation Manual (PDF) (81 pp, 1 MB)19
Expanded Public Participation Rule (PDF) (3 pp, 377 KB)19

Part A Permit Application Instructions and Form Booklet (EPA Form 8700-23)	19
RCRA Permit Appeals	19
RCRA Permit Appeals (1992 – 2014, Nos. 91-28 – 13-03)	19
RCRA Permit Appeals (1985 – 1993, Excel Spreadsheet and List of Issues)	
RCRA Permit Appeals (1985 – 1993, Nos. 84-1 – 93-9)	19
Federal Register Notices	
Federal Register Notices 1970 – 2019 (Excel Spreadsheet)	23
Federal Register Notices 1970 – 1979	23
Federal Register Notices 1980 – 1989	23
Federal Register Notices 1990 – 1999	32
Federal Register Notices 2000 – 2009	39
Federal Register Notices 2010 – 2019	42
Federal Digital System (FDSys) Table of Contents	44
Part 264 - Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Dis Facilities	•
Part 265 - Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities	44
Part 266 - Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities	44
Part 268 - Land Disposal Restrictions	44
Part 270 - EPA Administered Permit Programs: The Hazardous Waste Permit Program	44
Part 124 - Procedures for Decisionmaking	44
Appendices	44
Appendix A: Part 264 Regulations	44
Appendix B: Part 265 Regulations	44
Appendix C: Part 266 Regulations	44
Appendix D: Part 268 Regulations	44
Appendix E: Part 270 Regulations	44
Appendix F: Part 124 Regulations	44

# Introduction

This web-based document serves as a userfriendly reference to assist permit writers and permittees in locating and understanding the current RCRA Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF) Regulations.

These requirements are located in <u>Title 40 Code of</u> <u>Federal Regulations (CFR), Part 264</u> for permitted facilities and <u>40 CFR Part 265</u> for interim status facilities. The requirements as laid out in this reference document are organized by the type of hazardous waste management activity, which encompasses hazardous waste treatment, storage, and disposal – that is containers, incinerators, landfills, land treatment, surface impoundments, tank systems, and waste piles. **Note:** This web-based document is not a substitute for the CFR itself, the requirements in the CFR, or State requirements (that may be different from those reflected herein). This document is also not a rulemaking in any way. Additionally, this reference document presents only the federal requirements for TSDFs. Most states are authorized to manage their TSDF program.

Therefore, states may have their own set of regulations that apply in lieu of federal regulations, and while most state TSDF regulations are based on the federal requirements, some states have developed regulations more stringent than the federal program. Go to the <u>state permitting websites</u> to access state regulatory programs.

Please note that this reference document is designed to be web-based, so its usefulness is maximized when it is viewed on a computer that is connected to the Internet.

The objective of this document is to consolidate and streamline the TSDF regulatory requirements into a helpful reference tool that features a user-friendly format, including references to EPA FAQs (Frequently Asked Questions), letters, memoranda, and guidance documents that EPA has provided to the public through the years to help owners, operators, and state and federal regulatory officials interpret the existing TSDF regulations. This document does not change any of the existing TSDF regulatory requirements.

# How to Use This Tool

This document is navigable in several ways. First, permit writers and permittees can use the <u>Summary</u> <u>Chart</u> to link directly to the regulatory citation of interest in the Government Printing Office's <u>Federal Digital</u> <u>System (FDSys) Code of Federal Regulations</u> website by left-clicking the mouse on the hyperlinks in the table. Clicking on the hyperlink will open the FDsys in a new web-browser window, so the original document will also remain open.

Secondly, permit writers and permittees can take advantage of the Table of Contents or the bookmarks to navigate through the body of the document. The Table of Contents and bookmarks are organized by hazardous waste management activity (i.e., containers, tank systems, drip pads, surface impoundments,

waste piles, land treatment, landfills, containment buildings, and incinerators). As a subset to each category of hazardous waste management activity, the user will find additional bookmarks linking to the regulatory requirements for each category of treatment system. In some cases, a particular regulatory requirement will be applicable to all categories of TSDFs; in others cases, to one or two categories. As above, owners, operators, and regulatory officials can use the Table of

**Note:** It's possible that EPA could have inadvertently overlooked a relevant document and did not include it in this reference document. Therefore, we cannot guarantee that we captured every relevant document in each and every instance.

Also, the documents included in this tool have already been issued and are in the public domain but they may not be the most current version.

Contents and bookmarks to navigate by left-clicking the mouse on the link of interest in order to move within the document.

To help stakeholders better understand specific requirements, we also have provided, where applicable, hyperlinks to FAQs, letters, and memoranda issued by EPA, as well as guidance documents developed by EPA that provide further clarification of the TSDF regulations and permitting process. We have attempted to identify the relevant related FAQs, letters, memoranda, etc. on a particular subject. Once a permit writer or permittee has navigated to the regulatory "requirement" of interest, we have provided hyperlinks to the FDsys website when the TSDF regulations cross-reference themselves or other regulations.

Because regulations are promulgated throughout the year, EPA will continue to update this reference document periodically to remain up-to-date with the TSDF regulatory requirements. However, as noted previously, this web-based reference document is not a substitute for the CFR itself or the requirements in the CFR. Additionally, the Government Printing Office frequently updates the FDsys website to which the document is linked.

Please contact the following persons within EPA's Office of Resource Conservation and Recovery (ORCR) with any questions or comments or to report any broken links:

Jeff Gaines gaines.jeff@epa.gov 703-308-8655

Lilybeth Colon colon.lilybeth@epa.gov 703-308-2392

Note: Gail, Jeff and Lilybeth wish to thank their summer intern, Ryan Olver, for his help in creating this document.

# Overview of the Hazardous Waste RCRA Permitting Processes (Flowcharts)

**Note:** The following 7 RCRA permitting process flow diagrams that summarize public involvement activities (see the <u>RCRA Public Participation</u> <u>Manual (PDF)</u> (81 pp, 1 MB)) were released for public comment pursuant to the EPA's Community Engagement Initiative (CEI). Under CEI Action 1, EPA developed and posted program work plans, which identified specific processes that should be evaluated and potentially revised to enhance public participation.

EPA sought public comment on those work plans and on the following RCRA permitting program process diagrams, which were developed to increase transparency of the opportunities for community involvement. The comment period for the work plans and process diagrams ended on July 31, 2011. EPA will assess comments received and, as a result, may modify these process diagrams. If that happens, the following process EPA flow diagrams will be updated accordingly.

**Note:** For a detailed description of the hazardous waste permitting process, see <u>Permit Applicants' Guidance Manual for Hazardous Waste Land</u> <u>Treatment, Storage and Disposal Facilities, Final Draft (PDF)</u> (668 pp, 23 MB)

**RCRA Hazardous Waste Pre-Permit Application Meeting** 

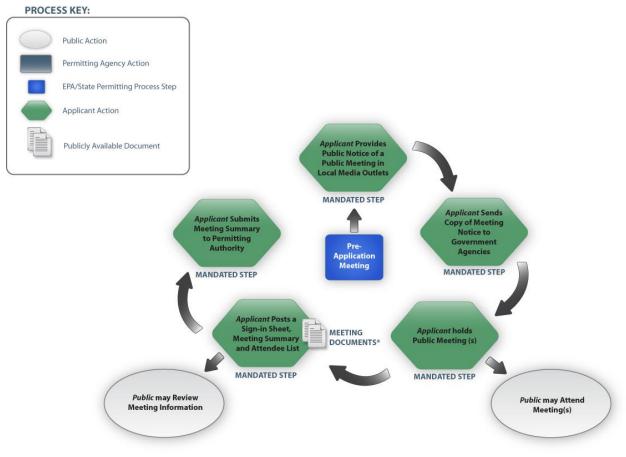


Figure 1: This is a diagram of the steps taken for a pre-permit application meeting.

#### **Additional Information**

When an applicant announces an upcoming meeting through a public notice, it must include:

- The date, time, and location of the meeting.
- A brief description of the purpose of the meeting.
- A brief description of the facility and proposed operations, including the address or a map of the facility location.
- A statement encouraging people to contact the facility at least 72 hours before the meeting if they need
  special access to participate in the meeting.
- The name, address, and telephone number of a contact person for the applicant.

\*Meeting Documents include: Meeting Summary, Attendee List, Attendee Feedback, and Applicant Responses to Attendee Feedback.

**NOTE:** This step applies only to RCRA hazardous waste permits for new TSDF facilities and RCRA hazardous waste renewal permits for existing TSDF facilities that undergo significant changes, and does not apply to post-closure or post-closure / corrective action permits.

# Submit a RCRA Hazardous Waste Permit Application

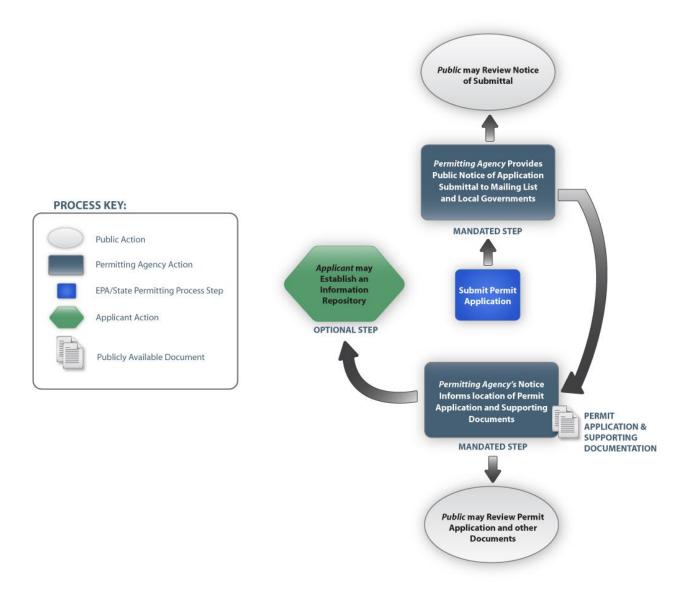


Figure 2: This is a diagram of the steps taken to submit a hazardous waste permit application.

#### **Additional Information**

When the Permitting Agency announces the permit application submittal, the public notice must include:

- The name and telephone number of the applicant's contact person.
- The name and telephone number of the permitting agency's contact office and a mailing address to which information, opinions, and inquiries may be directed throughout the permit review process.
- An address to which people can write to be put on the facility mailing list.
- The location where copies of the permit application and any supporting documents can be viewed and copied.
- A brief description of the facility and proposed operations, including the address or a map of the facility location on the front page of the notice.
- The date the application was submitted.

# **Issue a Draft RCRA Hazardous Waste Permit**

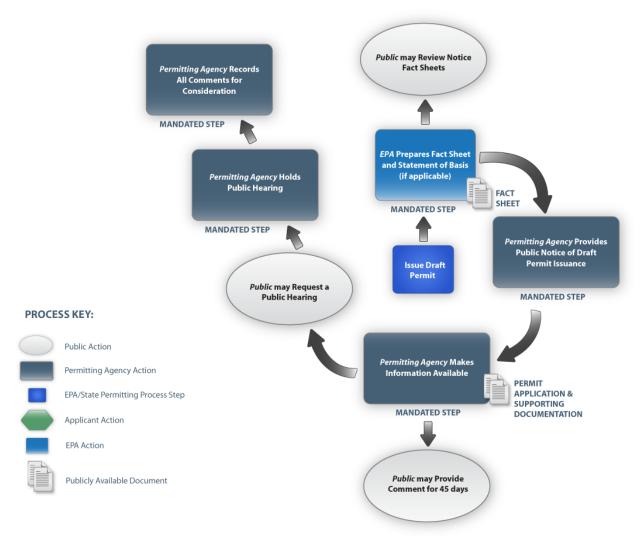


Figure 3: This is a diagram of the steps taken to issue a draft hazardous waste permit.

#### **Additional Information**

- Permitting agencies can keep the process open by sharing all Notice of Deficiency (NOD) information with the public, whether through the administrative record, an information repository, or another activity, such as a workshop.
- Interested community groups or the permit applicant may decide to provide additional public participation
  activities during this stage. These could include technical discussions to explain the NOD process or
  informal meetings with the permitting agency.
- The agency, facility, or a public interest group may want to organize an availability session, facility tours, or some other activity prior to the comment period so that the public can be better informed about the facility.

#### **Issue a Final RCRA Hazardous Waste Permit**

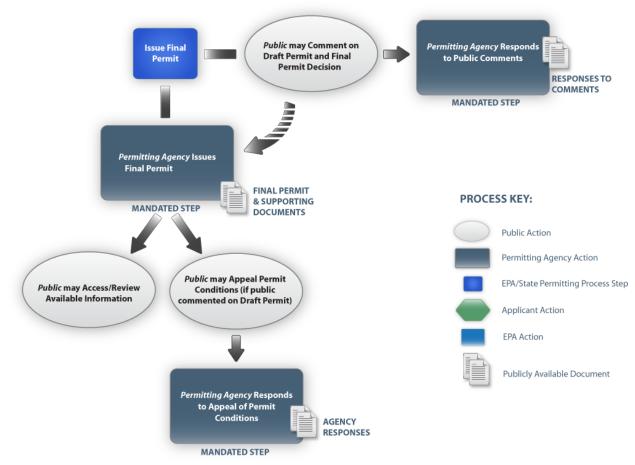


Figure 4: This is a diagram of the steps taken to issue a final hazardous waste permit.

#### **Additional Information**

- If there was high interest during the comment period, the agency or the facility may want to issue a news release and fact sheet when the decision is finalized to inform a wide audience.
- The Permitting Agency may choose to update and release the fact sheet required in §124.8.

**NOTE:** Permitting Agency responses to public comments on the Draft Permit are placed in the Administrative Record and Information Repository.

# **RCRA Hazardous Waste Combustor Trial Burns**

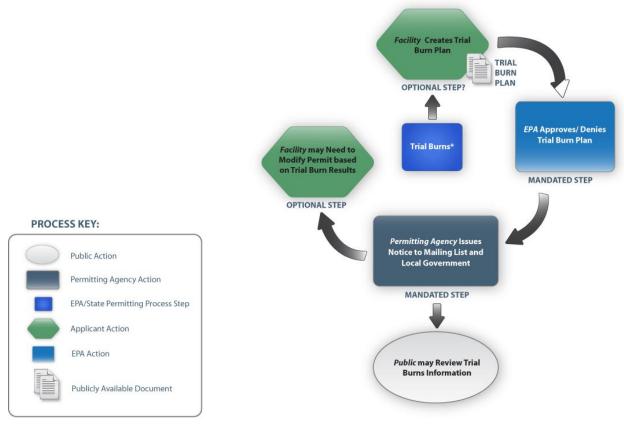


Figure 5: This is a diagram of the steps taken for a hazardous waste combustor trial burn.

#### **Additional Information**

**\*NOTE:** Emissions from combustion sources burning hazardous waste (e.g., cement kilns, incinerators, lightweight aggregate kilns, boilers and hydrochloric acid production furnaces) are primarily regulated pursuant to Clean Air Act and applicable Title V requirements. However, these combustion sources still need a RCRA permit to operate even after documenting compliance with CAA requirements. The RCRA permit only needs to address basic hazardous waste management including: general facility standards; corrective action; other hazardous waste management units (such as storage units); other combustor-specific concerns such as materials handling; and, any risk-based combustor emission and operating requirements that are more stringent than the relevant MACT standard.

The Clean Air Act Title V permit will focus on the operation of the combustion unit including the MACT air emission standards and related operating parameters.

- Maximum Achievable Control Technology (MACT) EEE Test Requirements
- <u>Clean Air Act Title V Permits</u>

# **Modify a RCRA Hazardous Waste Permit**

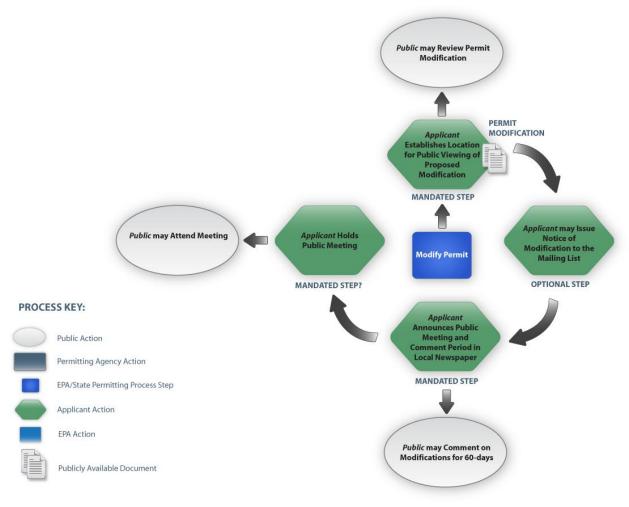


Figure 6: This is a diagram of the steps taken to modify a hazardous waste permit.

#### **Additional Information**

- Facility-initiated modifications are classified as Class 1, 2, or 3 according to the nature of the change.
- More often, facility owners or operators initiate the permit modification, rather than the permitting agency, in order to improve facility operations or make changes in response to new standards.

**NOTE:** Public Participation steps above are only applicable to Class 2 and Class 3 modifications. For Class 1 Modifications, the Permittee issues notice to the facility mailing list after implementation and anyone has the opportunity to request that the Director review the Class 1 Modification request.

#### **Renew a RCRA Hazardous Waste Permit**

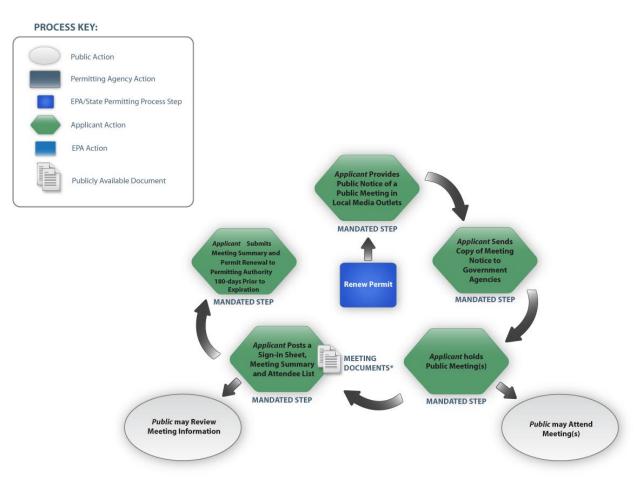


Figure 7: This is a diagram of the steps taken to renew a hazardous waste permit.

#### **Additional Information**

Permit Renewal process is similar to issuing a new permit, requiring draft and final permit issuance steps. When an applicant announces an upcoming meeting through a public notice, it must include:

- The date, time, and location of the meeting.
- A brief description of the purpose of the meeting.
- A brief description of the facility and proposed operations, including the address or a map of the facility location.
- A statement encouraging people to contact the facility at least 72 hours before the meeting if they need special access to participate in the meeting.
- The name, address, and telephone number of a contact person for the applicant.

\*Meeting Documents include: Meeting Summary, Attendee List, Attendee Feedback, and Applicant Responses to Attendee Feedback

These steps only apply to renewal applications proposing changes that qualify as Class 3 permit modifications.

# **Summary Chart**

# Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF) Regulations (Note: FDSys links are updated at the end of December; this version is 2017)

	Hazardous Waste Management/Permitting Activity	General Requirements	Permit Application Requirements	Closure/Post-Closure Requirements
1	General Facility Standards	<u>264-B</u> & <u>265-B</u>	NA	NA
2	Preparedness and Prevention	264-C & 265-C	NA	NA
3	Contingency Plan and Emergency Procedures	264-D & 265-D	NA	NA
4	Manifest System, Recordkeeping and Reporting	<u>264-E</u> & <u>265-E</u>	NA	NA
5	Releases from Solid Waste Management Units	264-F	NA	264.100
6	Groundwater Monitoring	265-F	NA	NA
7	Closure and Post-Closure	<u>264-G</u> & <u>265-G</u>	NA	<u>264-G</u> & <u>265-G</u>
8	Financial Assurance Requirements	<u>264-H</u> & <u>265-H</u>	NA	NA
9	Use and Management of Containers	<u>264-I &amp; 265-I</u>	<u>270.15 &amp; 270.27</u>	<u>264.178</u>
10	Tank Systems	<u>264-J &amp; 265-J</u>	270.16 & 270.27	<u>264.197 &amp; 265.197</u>
11	Surface Impoundments	264-K & 265-K	270.17 & 270.27	264.228 & 265.228
12	Waste Piles	264-L & 265-L	270.18	264.258 & 265.258
13	Land Treatment	<u>264-M &amp; 265-M</u>	270.20	<u>264.280 &amp; 265.280</u>
14	Landfills	<u>264-N</u> & <u>265-N</u>	270.21	<u>264.310 &amp; 265.310</u>
15	Incinerators	264-O & 265-O & 63-EEE	<u>270.19</u> & <u>270.62</u>	<u>264.351</u> & <u>265.351</u>
16	Thermal Treatment	<u>265-P</u>	NA	<u>265.381</u>
17	Chemical, Physical, Biological Treatment	<u>265-Q</u>	NA	<u>265.404</u>
18	Underground Injection	<u>265-R</u>	NA	NA
19	Special Provisions for Cleanup	<u>264-S</u>	NA	NA
20	Drip Pads	<u>264-W &amp; 265-W</u>	<u>270.26</u>	<u>264.575 &amp; 265.445</u>
21	Miscellaneous Units	<u>264-X</u>	<u>270.23</u>	<u>264.603</u>
22	Air Emission Standards for Process Vents	264-AA & 265-AA	NA	NA
23	Air Emission Standards for Equipment Leaks	<u>264-BB &amp; 265-BB</u>	NA	NA
24	Air Emission Standards for Tanks, Surface Impoundments and	<u>264-CC</u> & <u>265-CC</u>	NA	NA
	Containers			
25	Containment Buildings	<u>264-DD</u> & <u>265-DD</u>	NA	<u>264.1102</u> & <u>265.1102</u>
26	Munitions and Explosives Storage	<u>264-EE &amp; 265-EE</u>	NA	<u>264.1202</u> & <u>265.1202</u>
27	Solid Waste Management Units	<u>264-F</u> & <u>264-S</u>	NA	<u>264.101</u>
28	Boilers/Industrial Furnaces	<u>266-H</u> & <u>63-EEE</u>	270.66	NA
29	Land Disposal Restrictions	<u>268</u>	NA	NA
30	Hazardous Waste Permitting Program General Requirements	270	270	NA
31	Administrative Procedures Act Requirements for RCRA Permitting	<u>124</u>	<u>124-B</u> & <u>124-G</u>	NA

# **Hazardous Waste TSDF Resources**

#### **RCRA Orientation Manual**

#### RCRA Orientation Manual 2014 (242 pp, 7.6MB)

Regulations Governing Treatment, Storage, and Disposal Facilities (Chapter III, page 53) Permitting of Treatment, Storage and Disposal Facilities (Chapter III, page 107) Corrective Action to Clean Up Hazardous Waste Contamination (Chapter III, page 119)

#### **RCRA Training Modules**

<u>Treatment, Storage, and Disposal Facilities (PDF)</u> (20 pp, 94K) - RCRA Training Module: Introduction to Treatment, Storage and Disposal Facilities (40 CFR Parts 264/265, Subpart A-E) – September 2005. This module enables you to be able to discuss the general requirements for TSDFs and discern the differences between the applicability of Part 264 versus Part 265.

Permits and Interim Status (PDF) (25 pp, 63 K) - RCRA Training Module: Introduction to Permits and Interim Status (40 CFR Part 270) – September 2005. This module presents an overview of the RCRA permitting process and the requirements that apply to TSDFs operating under interim status until a permit is issued. The regulations governing the permitting process are found in 40 CFR Parts 124 and 270

Storage Training Modules - Storage is the holding of waste for a temporary period of time prior to the waste being treated, disposed, or stored elsewhere. Hazardous waste is commonly stored prior to treatment or disposal, and must be stored in containers, tanks, containment buildings, drip pads, waste piles, or surface impoundments that comply with the RCRA regulations. The regulatory requirements for these types of storage units are found in <u>40 CFR Part 264</u> for permitted facilities and <u>40 CFR Part 265</u> for interim status facilities.

<u>Containers (PDF)</u> (13 pp, 56K) - RCRA Training Module: Introduction to Containers (40 CFR Parts 264/265; Subpart I; Section 261.7) – September 2005. A hazardous waste container is any portable device in which a hazardous waste is stored, transported, treated, disposed, or otherwise handled. The most common hazardous waste container is the 55-gallon drum. Other examples of containers are tanker trucks, railroad cars, buckets, bags, and even test tubes.

<u>Containment Buildings (PDF)</u> (14 pp, 58K) - RCRA Training Module: Introduction to Containment Buildings (40 CFR Parts 264/265; Subpart DD) – September 2005. Containment buildings are completely enclosed, self-supporting structures (i.e., they have four walls, a roof, and a floor) used to store or treat non-containerized hazardous waste.

<u>Drip Pads (PDF)</u> (12 pp, 33K) - RCRA, Superfund & EPCRA Hotline Training Module: Introduction to Drip Pads (40 CFR Parts 264/265, Subpart W) – October 2001. A drip pad is a wood drying structure used by the pressure-treated wood industry to collect excess wood preservative drippage. Drip pads are constructed of non-earthen materials with a curbed, free-draining base that is designed to convey wood preservative drippage to a collection system for proper management.

Tanks (PDF) (21 pp, 114K) - RCRA Training Module: Introduction to Tanks (40 CFR Parts 264/265; Subpart J) – September 2005. Tanks are stationary devices constructed of non-earthen materials used to store or treat hazardous waste. Tanks can be open-topped or completely enclosed and are constructed of a wide variety of materials including steel, plastic, fiberglass, and concrete.

Surface Impoundments (PDF) (16 pp, 165K) - RCRA Training Module: Introduction to Land Disposal Units (40 CFR Parts 264/265; Subparts K, L, M, N) – September 2005. A surface impoundment is a natural topographical depression, man-made excavation, or diked area such as a holding pond,

storage pit, or settling lagoon. Surface impoundments are formed primarily of earthen materials and are lined with synthetic plastic liners to prevent liquids from escaping.

<u>Waste Piles (PDF)</u> (16 pp, 165K) - RCRA Training Module: Introduction to Land Disposal Units (40 CFR Parts 264/265; Subparts K, L, M, N) – September 2005. Hazardous waste waste piles must be placed on top of a double liner system to ensure leachate from the waste does not contaminate surface or ground water supplies.

#### Other Relevant Training Modules

All RCRA Training Modules

<u>Air Emission Standards (PDF)</u> (19 pp, 47K) - RCRA, Superfund & EPCRA Hotline Training Module: Introduction to Air Emission Standards (40 CFR Parts 264/265, Subparts AA, BB, and CC) – October 2001

Boilers and Industrial Furnaces (PDF) (22 pp, 103K) - RCRA, Superfund & EPCRA Hotline Training Module: Introduction to: Boilers and Industrial Furnaces (40 CFR Part 266, Subpart H) – February 2000

Closure/Post Closure (PDF) (16 pp, 142K) - RCRA Training Module: Introduction to Closure/Post-Closure (40 CFR Parts 264/265, Subpart G) – September 2005

<u>Corrective Action (PDF)</u> (17 pp, 51K) - RCRA, Superfund & EPCRA Hotline Training Module: Introduction to RCRA Corrective Action – October 2001 2001

Financial Assurance (PDF) (15 pp, 38K) - RCRA, Superfund & EPCRA Hotline Training Module Introduction to RCRA Financial Assurance (40 CFR Parts 264/265, Subpart H) – October 2001 2001 <u>Groundwater Monitoring (PDF)</u> (29 pp, 230K) - RCRA, Superfund & EPCRA Hotline Training Module: Introduction to Groundwater Monitoring (40 CFR Parts 264/265, Subpart F) – October 2001 <u>Hazardous Waste Incinerators (PDF)</u> (17 pp, 82 K) - RCRA, Superfund & EPCRA Hotline Training Module: Introduction to: Hazardous Waste Incinerators (40 CFR Parts 264/265, Subpart O) – February 2000

Miscellaneous and Other Units (PDF) (14 pp, 384K) - RCRA, Superfund & EPCRA Hotline Training Module: Introduction to: Miscellaneous and Other Units (40 CFR Part 264, Subpart X and 40 CFR Part 265, Subparts P, Q, and R – October 2001

**Note:** To access all RCRA training materials, such as training resources (e.g., course materials from various permit writers courses), online courses (e.g., WAP Guidance), and a video library (e.g., permit writer training videos), log-on to the ERTPVU website at <u>https://ertpvu.org/</u>. You will need to register and set up a password before you can access the training materials.

#### **RCRAInfo**

RCRA Subtitle C: EPA Identification Number, Site Status and Site Tracking Guidance for Managing Data in RCRAInfo (PDF) (52 pp, 408K) - March 2005

#### **Imports/Exports**

Import Consent Documentation Requirements for Facilities Receiving Hazardous Waste Imports

# **Hazardous Waste Permitting Resources**

Permits for the treatment, storage, or disposal of hazardous wastes are issued by Authorized States or by EPA Regional Offices. Regulations related to RCRA permitting can be found at 40 CFR Parts 260-270. Parts <u>264</u> and <u>270</u> specify what a permit must contain.

# **Example RCRA Subtitle C Permit Application Checklists**

#### General

General Information Requirements (PDF) (2 pp, 40 K) Facility Description (PDF) (5 pp, 117 K) Waste Characteristics (PDF) (6 pp, 150 K) Process Information - Miscellaneous Treatment (PDF) (3 pp, 68 K) Groundwater Monitoring (PDF) (7 pp, 197 K) Procedures to Prevent Hazards (PDF) (11 pp, 293 K) Contingency Plan (PDF) (6 pp, 184 K) Personnel Training (PDF) (2 pp, 81 K) Closure, Post-Closure and Financial Requirements (PDF) (14 pp, 323 K) Solid Waste Management Units (PDF) (1 pg, 22 K) Other Federal Laws (PDF) (1 pg, 19 K) Part B Certification (PDF) (1 pg, 18 K) Subpart AA Process Vents (PDF) (8 pp, 186 K) Subpart BB Equipment Links (PDF) (7 pp, 164 K) Subpart CC Air Emission Standards (PDF) (14 pp, 319K) Post Closure Facility Requirements (PDF) (17 pp. 406K) Exposure Information (PDF) (1 pg, 20K)

Unit-Specific <u>Containers (PDF)</u> (2 pp, 54 K) <u>Tanks (PDF)</u> (3 pp, 71K) <u>Waste Piles (PDF)</u> (12 pp, 316 K) <u>Surface Impoundments (PDF)</u> (10 pp, 276 K) <u>Incinerators (PDF)</u> (2 pp, 55 K) <u>Landfills (PDF)</u> (14 pp, 201K) <u>Land Treatment (PDF)</u> (8 pp, 197 K) <u>Subpart X (Miscellaneous Units) (PDF)</u> (3 pp, 43K) <u>Boilers/Industrial Furnaces (PDF)</u> (7 pp, 128 K) <u>Containment Buildings (PDF)</u> (5 pp, 99 K) <u>Drip Pads (PDF)</u> (3 pp, 48 K)

#### Other

Particle Size Method 5 Sampling Checklist (PDF) (6 pp, 24K) Particle Size Distribution Method Sample Recovery Checklist (PDF) (5 pp, 16K) Impinger Checklist (PDF) (1 pg, 12K) PAH/PCB or TOC SV or 0010 SV - Method 0010 Semivolatile Sampling Checklist (PDF) (6 pp, 24K) PAH/PCB or TOC SV or 0010 SV - Method 0010 Sample Recovery Checklist (PDF) (4 pp, 14K) Method 23 PCDD/PCDF Sampling Checklist (PDF) (7 pp, 25K) Method 23A PCDD/PCDF Sample Recovery Checklist (PDF) (4 pp, 13K)

# **Example Standardized and Model Permit Tools**

**Note:** Some of this information is reproduced with permission from the States. By including this material, EPA does not endorse it or keep it current. To determine if the model permits are the most recent, please check with the State.

Tools for Use by Permit Writers and Applicants for Standardized and Model Permits									
Compliance Audit Checklist	Checklist for Information That Must Be Kept On-Site	Model Permits							
PDF (38 pp, 89K)	PDF (12 pp, 33K)	Draft RCRA Model Standardized							
PDF (36 pp, 81K)	<b>PDF</b> (6 pp, 20K)	Permit (PDF) (54 pp, 98K)							
PDF (38 pp, 88K)	PDF (4 pp, 19K)	Model Permit, SC (PDF) (96 pp, 498K)							
		Model RCRA Permit for Hazardous							
NA	<b>PDF</b> (18 pp, 45K)	Waste Management Facilities,							
		September 1988 (PDF) (212 pp, 8.3MB)							
	Compliance           Audit Checklist           PDF (38 pp, 89K)           PDF (36 pp, 81K)           PDF (38 pp, 88K)	Compliance Audit ChecklistChecklist for Information That Must Be Kept On-SitePDF (38 pp, 89K)PDF (12 pp, 33K)PDF (36 pp, 81K)PDF (6 pp, 20K)PDF (38 pp, 88K)PDF (4 pp, 19K)							

# **Example Subpart X and Emergency Permits**

**Note:** This information is reproduced with permission from the States. By including this material, EPA does not endorse it or keep it current. To determine if these permits are the most recent, please check with the State. <u>Other example Subpart X permits</u>

	Subpart X Permits								
Reg	Facility								
4	<ul> <li><u>Chemring Ordnance, FL (PDF)</u> (55 pp, 1.1MB) - final permit</li> </ul>								
	<ul> <li>Eglin Air Force Base, FL (PDF) (56 pp, 996K) - final permit</li> </ul>								
	<ul> <li>Anniston Army Depot, AL (PDF) (269 pp, 2.3MB) - final permit</li> </ul>								
	<ul> <li>U.S. Army Redstone Arsenal, AL (PDF) (96 pp, 1.4MB) - final permit</li> </ul>								
	Emergency Permits								
Reg	Facility								
2	<ul> <li>U. S. Naval Station - Roosevelt Roads, PR (PDF) (4 pp, 14K)</li> </ul>								
8	<ul> <li>Badlands Bombing Range, #1, SD (PDF) (8 pp, 15K)</li> </ul>								
	<ul> <li>Badlands Bombing Range, #2, SD (PDF) (8 pp, 16K)</li> </ul>								
	<ul> <li>Technical Ordnance, Inc., SD (PDF) (66 pp, 6.8MB)</li> </ul>								

### **Other Permit Examples**

**Note:** This information is reproduced with permission from the States. By including this material, EPA does not endorse it or keep it current. To determine if these permits are the most recent, please check with the State.

<u>Chemical Waste Management, Emelle, AL (PDF)</u> (103 pp, 556K) - a comprehensive permit that includes land disposal, treatment, storage, and miscellaneous units

### **Example State Checklists**

**Note:** This information is reproduced with permission from the States. By including this material, EPA does not endorse it or keep it current. To determine if these checklists are the most recent, please check with the State.

<u>Closure Plan Guidance (PDF)</u> (5 pp, 80K) <u>Completeness/Technical Checklist Instructions, MO (PDF)</u> (2 pp, 27K) <u>Completeness/Technical Checklist for Purposes of Public Participation Operating Facilities, MO</u> (PDF) (8 pp, 359K) Completeness/Technical Checklist for Post Closure Facilities, MO (PDF) (8 pp, 342K) Completeness/Technical Checklist for Corrective Action Only Permits, MO (PDF) (7 pp, 304K) Facility Unit Outline Example (PDF) (10 pp, 73K) Items to Submit for RCRA Closure Cost Estimate, MO (PDF) (4 pp, 67K) Post Closure Checklist, SC (PDF) (3 pp, 81K) Technical Checklist for Container Storage, MO (PDF) (2 pp, 74K) Technical Checklist for Tank Storage, MO (PDF) (3 pp, 91K) Technical Checklist for Miscellaneous Units, MO (PDF) (1 pg, 55K) Technical Review Guidance Resource Compendium for Permits 2010, MO (PDF) (5 pp, 712 K) Unit Components to Consider for Cost Estimate (PDF) (5 pp, 24 K

RCRA Permits Managers and Staff Directory (Excel Spreadsheet) - The spreadsheet contains EPA headquarters, EPA Regional, and State permits managers and staff contact information.

#### **State Permitting Websites**

Alabama –permitting & registration Alaska - solid waste permitting (no HW permitting) Arizona -list of permitted TSDFs Arkansas - HW permitting California (Envirostor) - find cleanup sites & HW permitted facilities Colorado – HW management sites Connecticut – permits & licenses **Delaware** – permitting regulations Florida - permitting & corrective action Georgia - HW forms Hawaii – HW section Idaho – TSDF permitting requirements Illinois - permit forms & instructions Indiana – permitting lowa - solid waste permitting (no HW permitting) Kansas – HW & corrective action Kentucky - HW forms

Louisiana – hazardous waste Maine – waste management permits, licenses, & certifications Maryland – environmental permits & approvals Massachusetts - list of permitted TSDFs Michigan - list of permitted TSDFs (Google Maps and Waste Data System) Minnesota - waste permits & forms Mississippi – permit applications & forms Missouri - list of permitted TSDFs Montana – permitting, licensing, accreditations, certifications & applications Nebraska – permits & authorizations Nevada - list of permitted TSDFs New Hampshire – HW permits New Jersey – list of permitted TSDFs New Mexico – list of permitted TSDFs

New York – HW land disposal operating permits North Carolina – permit directory North Dakota - list of permitted TSDFs Ohio – list of permitted TSDFs Oklahoma – permits for public review **Oregon** – permits Pennsylvania – list of TSDFs Rhode Island – waste facilities management program South Carolina - permit central South Dakota – one stop permitting Tennessee – HW permits Texas - industrial & HW permits Utah - HW facilities Vermont - permits, licenses and certifications Virginia – waste permits Washington - dangerous waste permits West Virginia – HW permitting Wisconsin - waste facility and transporter licenses Wyoming – HW permitting & corrective action

#### **Other EPA Permitting Websites**

Water: <u>National Pollutant Discharge Elimination System (NPDES)</u> Air: <u>Acid Rain Program</u> <u>Pre-construction or New Source Review Permits</u> Operating or Title V Permits

#### **Regional Permitting Websites**

Region 1:	<u>Air / Water / Waste</u>
Region 2:	Air / Water / Waste
Region 3:	Air / Water / Waste
Region 4:	Air / Water / Waste
Region 5:	Air / Water / Waste

Region (	6:	<u>Air</u>	/ <u>W</u>	ater	/ <u>V</u>	<u>Vaste</u>
Region 7	7:	<u>Air</u>	/ <u>W</u>	ater	/ <u>V</u>	Vaste
Region 8	8:	<u>Air</u>	/ <u>W</u>	ater	/ <u>V</u>	Vaste
Region 9	9:	<u>Air</u>	/ <u>W</u>	ater	/ <u>V</u>	Vaste
Region '	10:	<u>Air</u>	/ <u>W</u>	ater	/ <u>V</u>	<u>Vaste</u>

**RCRA Subtitle C Permitting Websites** 

**Biennial Report (RCRAInfo) and Biennial Report** 

**Combustion and Combustion FRNs** 

**Closure/Post Closure** 

**Corrective Action Program** 

**Financial Assurance** 

**Groundwater Monitoring** 

Permitting

State Authorization and State Authorization Tracking System (StATS)

Subpart X

#### **Other Relevant Websites**

**Enforcement and Compliance History Online (ECHO)** – replaces Online Tracking Information System (OTIS)

#### **Envirofacts and Enviromapper**

#### **Environmental Justice Policy and Guidance**

<u>Toolkit for Assessing Potential Allegations of Environmental Injustice (PDF)</u> (167 pp, 1.4MB) -November, 2004 - reference guide to assist Agency personnel in assessing potential allegations of environmental injustice. See also the abridged <u>desk reference (PDF)</u> (12 pp, 2.6MB).

EPA Statutory and Regulatory Authorities Under Which Environmental Justice Issues May Be Addressed in Permitting (PDF) (14 pp, 122K) - December 2000 - Office of General Counsel memo.

Environmental Justice in The Permitting Process: A Report from the Public Meeting on Environmental Permitting - December 1999

EPA Activities to Promote Environmental Justice in the Permit Application Process: Frequently Asked Questions (PDF) (8pp, 149K) – May 2013

Plan EJ 2014: Considering Environmental Justice in Permitting - September 2011

Glossary

**NAICS Codes** 

#### **USGS Topographical Maps**

#### **Guidance/Policy Memos**

A Method for Determining the Compatibility of Hazardous Waste (PDF) (162 pp, 5.3 MB) - April 1990

Guidance for Reporting Land Revitalization Indicators and Performance Measures at Corrective Action Facilities (PDF) (19 pp, 88K) - February 21, 2007

<u>Guidance on Setting Permit Conditions and Reporting Trial Burn Results (PDF)</u> (224 pp, 16MB) – January 1989

Land Disposal Restriction (LDR) Requirements Memorandum from Barnes Johnson, Director, Office of Resource Conservation and Recovery, U.S. Environmental Protection Agency (PDF) (RCRA Online No. 14843) (2 pp, 8.5K) - April 11, 2014

Permit Applicants' Guidance Manual for the General Facility Standards of 40 CFR §§264 (PDF) (299 pp, 12MB) – October 1983

Permit Applicants' Guidance Manual for Hazardous Waste Land Treatment, Storage, and Disposal Facilities (PDF) (688 pp, 23.29 MB) – May 1984

Permit Writers Guide to Test Burn Data – Hazardous Waste Incineration (PDF) (291 pp, 12MB) – June 1986

Preparedness and Prevention Requirements for RCRA TSDFs (Response to Chemical Safety Board Recommendation 2007-01-I-NC) (PDF) (8 pp, 3.5 MB) - March 2010

RCRA Facility Assessment Guidance (PDF) (176 pp, 13MB) - October 1986

Risk Burn Guidance for Hazardous Waste Combustion Facilities (PDF) (230 pp, 623K) - July 2001

Waste Analysis at Facilities that Generate, Treat, Store, and Dispose of Hazardous Waste: A Guidance Manual (PDF) (200 pp, 1.4 MB) - April 1994 [Note: This document was revised in 2015]

Waste Analysis at Facilities that Generate, Treat, Store, and Dispose of Hazardous Waste: A Guidance Manual – FINAL (PDF) (223 pp, 6 MB) – April 2015

Waste Analysis Guidance for Facilities That Burn Hazardous Waste (PDF) (44 pp, 2.6 MB) - October 1994

**Note:** the links below will take you to specific sections of <u>RCRA Online</u> related to each topic; to view ALL memos, go to <u>RCRA Online</u> and search either by topic, full text, or advanced search; for additional memos, you can also search the RCRA Docket at <u>regulations.gov</u>.

Closure/Post Closure Containers Containment Buildings Drip Pads Financial Assurance General Permits and Permitting Incinerators Landfills Land Treatment Units Miscellaneous Units Surface Impoundments Tanks Waste Piles

# **General Permitting Resources**

Public Involvement in Environmental Permits (PDF) (122 pp, 653 KB)

**Steps in the Hazardous Waste Permitting Process** 

Public Participation Manual (PDF) (81 pp, 1 MB)

Expanded Public Participation Rule (PDF) (3 pp, 377 KB)

Part A Permit Application Instructions and Form Booklet (EPA Form 8700-23)

**RCRA Permit Appeals** 

### RCRA Permit Appeals (1992 - 2014, Nos. 91-28 - 13-03)

*RCRA Permit Appeals (1985 – 1993, <u>Excel Spreadsheet</u> and <u>List of Issues</u>) (PDF, 21 pp, 4.8 MB) - The spreadsheet (for searching by EPA Region, decision date, company name, fact sheet, appeal number or results), list of issues, and table below contain RCRA Permit Appeals from 1985 – 1993.* 

No.	Reg.	Decision Date	Company Name	Contains Fact Sheet	Appeal No.	Result
1	=	February 14, 1985	Rohm and Haas Delaware Valley (PDF) (4 pp, 2.4MB)	No	84-1	Order denying petition for review
2	V	October 9, 1985	Chemical Waste Management, Inc. (PDF) (2 pp,1.3MB)	No	84-2	Order dismissing petition for review of RCRA permit
3	IV	March 12, 1985	Earth Industrial Waste Management, Inc. (PDF) (4 pp,2.5MB)	No	84-3(a)	Order denying petition for review
4	V	November 27, 1985	Northside Sanitary Landfill, Inc. (PDF) (10 pp, 5.8MB)	No	84-4	Order of reconsideration
5	V	May 17, 1985	Amoco Oil Co. (PDF) (7 pp, 4.1MB)	No	84-5	Order denying petition for review
6		June 23, 1986	Bryant Waste Management, Inc. (PDF) (6 pp,3.4MB)	No	85-2	Denial of petition for review
7	V	January 7, 1987	Fisher-Calo Chemicals and Solvents, Corp. (PDF) (12 pp, 7.1MB)	No	85-5	Order denying petition for review
8	=	July 29, 1991	Allied Corp (Baltimore Chrome Ore Works) (PDF) (8 pp, 4.2MB)	Yes	86-4	Motion to vacate permit and dismiss the appeal as moot
9	VII	September 8, 1988	Vulcan Materials Co. (PDF) pp, 3.0MB) (5	Yes	87-1	Order denying petitions for review
10	IX	July 24, 1987	Ogden Environmental Services, Inc. (PDF) (3 pp, 1.5MB)	No	87-3	Denial of petitions for review
11	VIII	September 2, 1987	Highway 36 Land Development Co. (PDF) (3 pp, 1.6MB)	No	87-5	Order denying petition for review
12	V	September 12, 1991	Erieway, Inc. (PDF) (5 pp, 2.8MB)	Yes	87-11	Order

# RCRA Permit Appeals (1985 - 1993, Nos. 84-1 - 93-9)

40	117	May 07		Maa	07.40	Onden menting in ment
13	IV	May 27,	Chemical Waste Management	Yes	87-12	Order granting in part
		1988	(PDF) (23 pp, 14MB)			and denying in part
						petitions for review
14	IV	February 28,	Hoechts Celanese Corp. (PDF)	Yes	87-13	Order on petition for
	.,	1989	(19 pp, 11MB)		07.44	review
15	V	December	Ecolotech, Inc. (PDF) (9 pp,	Yes	87-14	Remand order
		14, 1988	5.5MB)			
16	IV	September	Interstate Lead Co., Inc.(PDF)	Yes	87-16	Order denying petition
		15, 1988	(4 pp, 2.5MB)			for review
17	VI	September	Shell Oil Co. Deer Park	Yes	87-19	Order denying petition
		8, 1988	Manufacturing Complex (PDF)			for review
18	VI	luno 27	(10 pp, 5.9MB)	Yes	88-3	Order deputing review
10	VI	June 27, 1989	Navajo Refining Co. (PDF) (8 pp, 4.5MB)	res	00-3	Order denying review
10	V		,	Vaa	00.0	
19	Х	June 7,	Chem-Security Systems, Inc.	Yes	88-6	Order denying review
00	N	1989 Contombor	(PDF) (11 pp, 6.8MB)	Maa	00.0	
20	V	September	Waste Tech Services and BP	Yes	88-8	Order denying petition
		22, 1988	Chemicals America, Inc. (PDF) (6 pp, 3.8MB)			for review
21	11	August 15,	Amerada Hess (Port Reading)	Yes	88-10	Order denying review
21		1989	Corp. (PDF) (10 pp, 6.4MB)	163	00-10	Order denying review
22	V	October 2,	USX Corp. (PDF) (6 pp, 3.4MB)	Yes	88-13	Order denying review
22	v	1991	<u>03X COIP. (FDI)</u> (8 pp, 3.4WB)	165	00-13	Order denying review
23	V	April 17,	Environmental Waste Control,	Yes	88-14	Order denying review
23	v	1990	Inc. (PDF) (11 pp, 5.2MB)	165	00-14	Order denying review
24	IV	October 19,		Yes	88-17	Order deputing review
24	IV	,	ThermalKEM, Inc. (PDF) (14 pp, 7.7MB)	res		Order denying review
		1990			& 89-	
05	N/	NL		Maa	15	
25	V	November	Olin Corp. Badger Army	Yes	88-18	Order denying review
		22, 1989	Ammunition Plant (PDF) (8 pp, 5.3MB)			
26	IV	October 31,	American Cyanamid Co. Santa	Yes	88-22	Order denying review
20	1.0	1989	Rosa Plant (PDF) (5 pp, 3.2MB)	163	00-22	Order denying review
27	V	January 12,	CECOS International, Inc.	Yes	88-23	Order denying review
21	v	1990	(PDF) (13 pp, 8.4MB)	165	00-23	Order denying review
28	V	November		Yes	88-24	Denial of potition for
20	v		Marathon Petroleum Co. (PDF) (13 pp, 7.1MB)	res	00-24	Denial of petition for
20	IV	16, 1990		Yes	00.00	review
29	IV	July 26,	Thermal Oxidation Corp. (PDF) (9 pp, 5.1MB)	res	88-28	Order denying review
00	11/	1990		Maa	00.00	
30	IX	June 27,	Hughes Aircraft Co. Air Force	Yes	88-29	Order denying review
04		1989	Plant 44 (PDF) (5 pp, 2.4MB)	Maa	00.04	
31	Ш	February 17,	Westinghouse Electric Corp.	Yes	88-31	Order denying petition
00		1989	(PDF) (9 pp, 5.3MB)	Maa	00.04	for review
32	1	February 12,	United Technologies Corp.	Yes	88-34	Order denying review
		1990	Pratt and Whitney Group (PDF)			
33	V	August 27,	(9 pp,5.3MB) National Steel Corp Midwest	Yes	88-38	Order denying review
33	v	1990	Division (PDF) (8 pp,4.8MB)	165	00-30	Order denying review
24	1/1			Vee	00.20	Remand order
34	VI	February 1,	Texaco Refining and Marketing	Yes	88-39	Remand order
2E	V	1990 October 22	Inc. (PDF) (6 pp,3.9MB)	Vaa	00 40	
35	v	October 22,	Envirosafe Services of Ohio,	Yes	88-40	Order denying review
		1990	Inc. (PDF) (12 pp, 6.1MB) Envirosafe Services of Idaho,	Yes	00.44	
20	V		EDVIDSATE SETVICES OF Idaho	LYES	88-41	Order denying review
36	х	April 3, 1990		100		, ,
		•	Inc. (PDF) (13 pp,7.5xMB)			
36 37	X VI	December 6, 1991		Yes	88-44	Order denying review

38	Х	January 13,	Hytek Finishes Co. (PDF) (5 pp,	Yes	88-45	Order denying petition
		1989	2.8MB)			for review
39	VI	April 20, 1990	Sun Refining and Marketing Co. (PDF) (5 pp, 2.8MB)	Yes	88-46	Order denying review
40	IX	February 1, 1990	California Thermal Treatment Services, Inc. (PDF) (12 pp, 7.6MB)	Yes	88-47	Order denying review
41	Х	March 12, 1990	Shell Oil Co. (PDF) (10 pp, 5.6MB)	Yes	88-48	Order denying review
42	V	November 7, 1990	Amoco Performance Products, Inc. (PDF) (7 pp, 4.0MB)	Yes	89-1	Order denying review
43	V	August 6, 1990	BP Chemicals America, Inc. (PDF) (9 pp, 5MB)	Yes	89-4	Order granting review
44	V	August 20, 1991	BP Chemicals America, Inc. (PDF) (14 pp, 7.5MB)	Yes	89-4	Remand order
45	V	August 5, 1991	American Cyanamid Co. (PDF) (18 pp, 10MB)	Yes	89-8	Remand order
46	VI	June 27, 1989	Texaco Refining and Marketing Inc. and Star Enterprise (PDF) (4 pp, 1.7MB)	Yes	89-10	Order denying review
47	Х	November 6, 1990	Texaco Refining and Marketing Inc. (PDF) (9 pp, 5.3MB)	Yes	89-12	Order denying review
48	Х	July 25, 1989	BP Oil Co. (PDF) (4 pp, 2.0MB)	Yes	89-13	Order denying review
49	V	May 22, 1991	RMI Extrusion Plant (PDF) (7 pp, 4.2MB)	Yes	89-20	Denial of petition for review
50	IV	December 29, 1992	GSX Services of South Carolina, Inc. (PDF) (26 pp, 14MB)	Yes	89-22	Order denying review in part and remanding in part
51	Ш	December 31, 1990	Chevron USA, Inc. (PDF) (15 pp, 8.5MB)	Yes	89-26	Order on petition for review
52	V	March 25, 1991	Waste Management of Illinois, Inc. (PDF) (5 pp, 3.1MB)	Yes	89-27	Order denying review
53	I	March 25, 1991	W.R. Grace & Co. (PDF) (7 pp, 4.3MB)	Yes	89-28	Order on petition for review
54	IV	December 19, 1990	The BFGoodrich Co. (PDF) (17 pp, 9.2MB)	Yes	89-29	Order on petition for review
55	I	November 29, 1991	S.D. Warren Co. (PDF) (14 pp,8.5MB)	Yes	89-35	Order on petition for review
56	IV	February 28, 1992	Owen Electric Steel Co. of South Carolina (PDF) (20 pp, 12MB)	Yes	89-37	Order on petition for review
57	IV	February 14, 1991	LCP Chemicals North Carolina, Inc. (PDF) (6 pp, 3.6MB)	Yes	90-4	Order denying review
58	V	October 2, 1991	Wayne Disposal, Inc. (PDF) (20 pp, 11MB)	Yes	90-9 & 90-9(a)	Order denying review
59	IX	April 27, 1992	Chevron Chemical Co. (PDF) (12 pp, 6.8MB)	Yes	90-15	Order denying review in part and remanding in part
60	IV	February 28, 1992	Morton International, Inc. (PDF) (19 pp, 10MB)	Yes	90-17	Order denying review
61	IX	March 21, 1991	Romic Chemical Corp. (PDF) (7 pp, 4.2MB)	Yes	90-21	Remand order
62	IV	January 24, 1991	Atochem North America Inc. (PDF) (6 pp. 3.4MB)	Yes	90-23	Remand order

63	V	November	General Motors, Corp. (PDF) (36	Yes	90-24	Order denying review in
		6, 1992	pp, 15MB)		& 90- 25	part, remanding in part and granting review in part
64	V	January 14, 1991	MacDermid, Inc. (PDF) (5 pp, 2.7MB)	Yes	90-26	Order denying review
65		July 29, 1993	Allied-Signal, Inc. (PDF) (25pp, 13MB)	Yes	90-27	Order denying review in part and remanding in part
66	IV	June 10, 1991	Georgetown Steel Corp. (PDF) (9 pp, 5.9MB)	Yes	91-1	Order dismissing petition for review
67	IV	July 8, 1992	U.S. Department of Energy Pinellas Plant (PDF) (7 pp, 3.8MB)	Yes	91-3	Order denying review
68	IX	July 15, 1991	Chem-Clear, Inc. (PDF) (4 pp, 2.3MB	Yes	91-5	Order denying review
69	I	November 6, 1992	General Electric Co. (PDF) (41 pp, 18MB	Yes	91-7; 1992	Remand order
70	I	April 13, 1993	General Electric Co. (PDF) (35 pp, 19MB)	Yes	91-7; 1993	Remand order
71	I	March 13, 1992	General Electric Co. (PDF) (9 pp, 5.0MB)	Yes	91-7, 91-8, & 91-9	Order granting review
72	VI	February 8, 1992	U.S. Pollution Control, Inc. (PDF) (8 pp, 4.5MB)	Yes	91-11	Order denying review
73	X	October 10, 1991	Penberthy Electromelt International, Inc. (PDF) (5 pp, 2.8MB)	Yes	91-12	Order denying petition for review
74	II	August 7, 1992	Occidental Chemical Corp. (PDF) (5 pp, 2.7MB)	Yes	91-13	Remand order
75	II	July 9, 1992	Sandoz Pharmaceuticals, Corp. (PDF) (17 pp, 8.7MB)	Yes	91-14	Order denying review in part and remanding in part
76	IX	June 15, 1992	Chemical Waste Management, Inc. (PDF) (14 pp, 8.0MB)	Yes	91-17	Order denying review
77	VIII	April 22, 1992	Atlas Environmental Services, Inc. (PDF) (17 pp, 9.9MB)	Yes	91-18	Order denying review
78	IX	February 28, 1992	Erickson Treatment Transfer Station (PDF) (3 pp, 1.6MB)	Yes	91-19	Remand order
79	IV	March 18, 1993	Beazer East, Inc. and Koppers Industries, Inc. (PDF) (23 pp, 13MB)	Yes	91-25	Order denying review in part and remanding in part
80	II	April 7, 1992	Ciba-Geigy Corp. (PDF) (7 pp, 3.7MB)	Yes	91-28	Order denying review
81	IV	September 3, 1992	Adcom Wire Co. (PDF) (14 pp, 7.1MB	Yes	92-2	Order denying review
82	V	August 5, 1992	Pollution Control Industries of Indiana, Inc. (PDF) (14 pp, 7.1MB)	Yes	92-3	Order denying review
83	IV	March 10, 1993	ThermalKEM, Inc. (PDF) (9 pp, 5.3MB)	Yes	92-4	Order dismissing appeal
84	V	July 24, 1992	Waste Technologies Industries (PDF) (33 pp, 15MB)	Yes	92-7 et al	Order denying review in part and remanding in part
85		April 20, 1993	Star Enterprise Delaware City Refinery (PDF) (27 pp, 14MB)	Yes	92-9	Order denying review

86	IX	May 18, 1992	Cargill, Inc. (PDF) (5 pp, 2.7MB)	Yes	92-14	Order denying review
87	V	August 25, 1992	Brush Wellman, Inc. (PDF) (10 pp, 5.3MB)	Yes	92-17	Order denying review
88	IV	October 26, 1993	Laidlaw Environmental Services (PDF) (20 pp, 11MB)	Yes	92-20	Order denying review in part and remanding in part
89	VIII	November 23, 1993	Amoco Oil Co. Mandan Refinery (PDF) (42 pp, 12MB)	Yes	92-21	Order denying review in part and remanding in part
90		May 5, 1993	LCP Chemicals (PDF) (14 pp, 7.6MB)	Yes	92-25	Order denying review
91	11	May 16, 1994	Allied-Signal, Inc. (PDF) (16 pp, 8.4MB)	Yes	92-30	Order denying review
92	V	May 13, 1994	Environmental Waste Control, Inc. (PDF) (41 pp, 17MB)	Yes	92-39	Order denying review in part and remanding in part
93	V	March 21, 1994	Metalworking Lubricants Co. (PDF) (12 pp, 6.9MB)	Yes	93-4	Order denying review
94	V	June 21, 1993	Waste Technologies Industries (PDF) (16 pp, 8.5MB)	No	93-7 & 93-9	Order denying review for lack of jurisdiction

# **Federal Register Notices**

# Federal Register Notices 1970 - 2019 (Excel Spreadsheet)

The spreadsheet (for searching by date, title, action or part) and tables below contain proposed rules, final rules, interim final rules, advanced notice of proposed rulemakings, notices of data availability, and technical corrections for **40 CFR Parts 124, 264, 265, 266, 268, and 270**.

# Federal Register Notices 1970 - 1979

No.	Date	Title	Action	Parts
1	<u>43 FR 58946,</u> Dec. 18, 1978	Hazardous Waste: Guidelines and Regulations	Proposed Rule	250
	<u>(PDF)</u> ** (77 pp, 10MB)	Regulations		
2	<u>44 FR 34244,</u> June 14, 1979 (PDF) ** (101 pp, 14MB)	Consolidated Permit Regulations: RCRA Hazardous Waste; SDWA Underground Injection Control; CAA Prevention of Significant Deterioration; CWA National	Proposed Rule	122, 123, and 124
		Pollutant Discharge Elimination System; and Section 404 Dredge or Fill Programs		

\*\*used HeinOnline for entries dated Dec 78 - Nov 93

# Federal Register Notices 1980 - 1989

No.	Date	Title	Action	Parts
3	45 FR 33154 May	Standards Applicable to Owners and	Final Rule and	264 and 265
	<u>19, 1980 (PDF)</u> **	Operators of Hazardous Waste	Interim Final	
	(105 pp, 14MB)	Treatment, Storage and Disposal	Rule	
		Facilities		
4	45 FR 33260 May	Financial Requirements for Owners and	Revision of	264 and 265
	<u>19, 1980 (PDF)</u> **	Operators of Hazardous Waste	Proposed Rule	
	(19 pp, 2.8MB)	Management Facilities	-	

E	45 ED 22200 May	Hazardaya Waata Managamant Interim	Drangood Dula	265
5	<u>45 FR 33280 May</u> <u>19, 1980 (PDF)</u> ** (6 pp, 1.0MB)	Hazardous Waste Management, Interim Status Requirements for Underground Injection	Proposed Rule	265
6	45 FR 33290 May 19, 1980 – Part 1 (PDF)** (113 pp, 12MB) 45 FR 33290 May 19, 1980 – Part 2 (PDF)** (110 pp, 15MB)	Consolidated Permit Regulations, RCRA Hazardous Waste, SDWA Underground Injection Control, CWA National Pollutant Discharge Elimination System, CWA Section 404 Dredge or Fill Programs, and CAA Prevention of Significant Deterioration	Final Rule	122, 123, 124, and 125
7	45 FR 33516 May 19, 1980 (PDF)** (73 pp, 7.7MB)	Consolidated Permit Application Forms for EPA Programs	Publication of Consolidated Permit Application Forms	122, 123, 124, and 125
8	45 FR 78524, Nov. 25, 1980 (PDF)** (6 pp, 895K)	Hazardous Waste Management System, General Hazardous Waste Management System, Identification and Listing of Hazardous Waste	Final Amendment and Interim Final Amendments to Rule and Request for Comments	261, 262, and 265
9	45 FR 86966 Dec. 31, 1980 (PDF)** (3 pp, 415K)	Hazardous Waste Management System, Storage Requirements Applicable to Transporters of Hazardous Waste, Standards for Generators of Hazardous Waste and Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities, Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities, EPA Administered Permit Program, The Hazardous Waste Permit Program	Interim Final Amendments and Request for Comments	122, 263, 264, and 265
10	45 FR 86968 Dec. 31, 1980 (PDF)** (3 pp, 410K)	Hazardous Waste Management System, Standards for Generators of Hazardous Waste and Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities, Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities	Interim Final Rule and Request for Comments	262, 264, and 265
11	45 FR 86970 Dec. 31, 1980 (PDF)** (5 pp, 657K)	Transportation of Hazardous Waste by Rail	Interim Final Amendment and Request for Comment	262, 263, 264, and 265
12	46 FR 2802, Jan. 12, 1981 (PDF)** (91 pp, 13MB)	Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities, Consolidated Permit Regulations	Interim Final Rule	122, 264, and 265

			<u>-</u>	
13	<u>46 FR 7666, Jan.</u> <u>23, 1981 (PDF)</u> ** (18 pp, 2.4MB)	Incinerator Standards for Owners and Operators of Hazardous Waste Management Facilities, Consolidated	Interim Final Rule (Parts 264 and 122) and	122, 264, and 265
		Permit Regulations	Final Rule (Part 265)	
14	<u>46 FR 7684, Jan.</u> <u>23, 1981 (PDF)</u> ** (7 pp, 956K)	Incinerator Standards for Owners and Operators of Hazardous Waste Management Facilities	Proposed Rule	264
15	46 FR 27473,	Hazardous Waste Management System	Corrections to	122, 260,
10	May 20, 1981	Corrections	Interim Final	261, 264,
	(PDF)**(8 pp, 979K)		and Final Rules	and 265
16	46 FR 56592,	Interim Status Standards for Owners and	Interim Final	265
	Nov. 17, 1981	Operators of Hazardous Waste	Rule and Interim	
	(PDF)** (5 pp, 675K)	Treatment, Storage and Disposal	Final	
	<u>, , , , , , , , , , , , , , , , , , , </u>	Facilities	Amendments to	
			Rules and	
			Request for	
			Comments	
17	<u>46 FR 57284,</u>	Standards Applicable to Owners and	Interim Rule	264
	<u>Nov. 23, 1981</u>	Operators of Hazardous Waste		
	(PDF)** (3 pp, 406K)	Treatment, Storage and Disposal		
40		Facilities	Interim Rule	264
18	<u>47 FR 953, Jan.</u> 8, 1982 (PDF)** (1	Standards Applicable to Owners and Operators of Hazardous Waste	and Correction	204
	pg, 148K)	Treatment, Storage and Disposal		
	10, - /	Facilities, Correction		
19	47 FR 1254, Jan.	Standards for Owners and Operators of	Interim Rule,	265
	11, 1982 (PDF)**	Hazardous Waste Treatment, Storage	Interim Final	
	(2 pp, 250K)	and Disposal Facilities	Amendments to	
			Rule	
20	47 FR 8307, Feb.	Interim Status Standards for Owners and	Proposed	265
	<u>25, 1982 (PDF)</u> ** (7 pp, 935K)	Operators of Hazardous Waste	Amendments to	
	(7 pp, 955K)	Treatment, Storage, and Disposal Facilities	Rule	
		Facilities		
21	<u>47 FR 12316,</u>	Hazardous Waste Management System	Interim Final	265
	<u>Mar. 22, 1982</u>	Standards for Owners and Operators of	Amendment to	
	(PDF)** (3 pp, 314K)	Hazardous Waste Treatment, Storage	Rule	
22	47 ED 45000	and Disposal Facilities	Doviood Interim	264 and 205
22	<u>47 FR 15032,</u> Apr. 7, 1982	Standards Applicable to Owners and Operators of Hazardous Waste	Revised Interim Final Rules	264 and 265
	<u>(PDF)</u> ** (43 pp,	Treatment, Storage and Disposal	rinai Rules	
	5.8MB) (43 pp,	Facilities, Financial Requirements		
23	47 FR 16544,	Standards Applicable to Owners and	Revised Interim	123, 264,
	<u>Apr. 16, 1982</u>	Operators of Hazardous Waste	Final Rule	and 265
	(PDF)** (18 pp,	Treatment, Storage and Disposal		
	2.3MB)	Facilities, Liability Requirements		
24	<u>47 FR 17989,</u>	Standards Applicable to Owners and	Corrections	123, 264,
	<u>Apr. 27, 1982</u>	Operators of Hazardous Waste		and 265
	(PDF)** (1 pg, 123K)	Treatment, Storage and Disposal		
		Facilities, Liability Requirements		
25	<u>47 FR 19995,</u>	Standards Applicable to Owners and	Correction	264 and 265
	<u>May 10, 1982</u>	Operators of Hazardous Waste		
	(PDF)** (1 pg, 136K)	Treatment, Storage and Disposal		
L		Facilities, Financial Requirements		1

26	47 FR 25546	Consolidated Permit Regulations;	Proposed	122, 123,
20	<u>47 FR 25546</u> June 14, 1982	Revision in Accordance with Settlement	Rulemaking	and 124
	(PDF)** (10 pp, 1.4MB)		raiomaking	
27	<u>47 FR 27520,</u>	The Hazardous Waste Management	Interim Final	122, 264,
	Jun. 24, 1982	System	Amendments to	and 265
	(PDF) <sup>**</sup> (16 pp, 1.9MB)		Interim Final	
28	47 FR 28626, Jul.	Information Collection Requirements,	and Final Rules Final Rule and	264 and 265
20	<u>1, 1982 (PDF)</u> ** (2	Effective Date,	Notice of	204 414 200
	pp, 217K)		Effective Date	
			for Information	
			Collection	
20		Ctandarda Applicable to Ourpara and	Requirements	201 and 205
29	47 FR 30446, Jul. 13, 1982 (PDF)**	Standards Applicable to Owners and Operators of Hazardous Waste	Final Rule and Notice of	264 and 265
	(2 pp, 271K)	Treatment, Storage and Disposal	Extension of	
		Facilities, Liability Coverage	Effective Date	
		Requirements		
30	47 FR 32038, Jul.	Hazardous Waste Management System;	Proposed Rule	122
	<u>23, 1982 (PDF)</u> ** (5 pp,677K)	General and EPA Administered Permit	and Notice of Intent to Grant	
	(~ pp;or riv)	Programs; the Hazardous Waste Permit Program	Rulemaking	
			Petition;	
			Request for	
			Comments	
31	47 FR 32274, Jul.	Hazardous Waste Management System,	Interim Final	122, 260,
	<u>26, 1982 (PDF)</u> ** (109 pp, 15K)	Standards Applicable to Owners and Operators of Hazardous Waste	Rule With Request for	264, and 265
	(, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Treatment, Storage and Disposal	Comments	205
		Facilities, EPA Administered Permit		
		Programs		
32	47 FR 32385, Jul.	Hazardous Waste Management System,	Notice of	265
	<u>26, 1982 (PDF)</u> ** (4 pp, 421K)	Interim Status Standards for Owners and Operators of Hazardous Waste	Proposed Rulemaking	
	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Treatment, Storage and Disposal	Rulemaking	
		Facilities		
33	47 FR 32382, Jul.	Hazardous Waste Management System,	Interim Final	264
	<u>26, 1982 (PDF)</u> **	Standards for Owners and Operators of	Rule	
	(3 pp, 415K)	Hazardous Waste Treatment, Storage and Disposal Facilities		
34	47 FR 44932,	Hazardous Waste Management System:	Proposed Rule	122, 123,
	Oct. 12, 1982	Standards Applicable to Generators of		262, 264,
	(PDF)** (8 pp, 943K)	Hazardous Waste and Standards		and 265
		Applicable to Owners and Operators of		
		Hazardous Waste Treatment, Storage,		
35	47 FR 52072,	and Disposal Facilities Consolidated Permit Regulations;	Proposed	122, 124,
35	<u>47 FR 52072,</u> Nov. 18, 1982	Revision in Accordance with Settlement	Rulemaking	and 125
	(PDF)** (25 pp,			
20	3.2MB)	Hereideus Weste Marianeset Origitus	Nation of	Chanter
36	<u>47 FR 55880,</u> Dec. 13, 1982	Hazardous Waste Management System	Notice of Regulatory	Chapter I
	<u>(PDF)</u> ** (5 pp, 661K)		Reform,	
	<u>,, ,, ,,</u> (0 pp, 00 m)		Request for	
			Comment	

07				400.000
37	48 FR 3977, Jan. 28, 1983 (PDF)** (7 pp, 879K)	Hazardous Waste Management System, Standards Applicable for Generators of Hazardous Waste and Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities	Final Rule	122, 262, 264, and 265
38	<u>48 FR 14146,</u> <u>Apr. 1, 1983</u> ( <u>PDF</u> )** (151 pp, 18MB)	Environmental Permit Regulations, RCRA Hazardous Waste, SDWA Underground Injection Control, CWA National Pollutant Discharge Elimination System, CWA Section 404 Dredge or Fill Programs, CAA Prevention of Significant Deterioration	Final Rule	122, 123, 124, 125, 144, 145, 146, 233, 260, 261, 262, 263, 264, 265, 270, and 271
39	<u>48 FR 14514, Apr</u> <u>4, 1983 (PDF)</u> ** (16 pp, 1.9MB)	Hazardous Waste Management System: Identification and Listing of Hazardous Waste; Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; and Storage and Disposal of Waste Material: Prohibition of Disposal of Tetrachlorodibenzo-p-Dioxin	Proposed Rule and Request for Comments	261, 264, 265, and 775
40	<u>48 FR 21098,</u> <u>May 10, 1983</u> ( <u>PDF)</u> ** (10 pp, 1.2MB)	Hazardous Waste Management System: The Hazardous Waste Management Permit Program; Procedures for Decision Making	Proposed Rule and Request for Comments	124 and 270
41	<u>48 FR 30113,</u> <u>Jun. 30, 1983</u> (PDF)** (3 pp, 342K)	Hazardous Waste Management System, Permit Program, Requirements for Authorization of State Programs, Procedures for Decisionmaking, Identification and Listing of Hazardous Waste, Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities, Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities, Correction	Final Rule and Correction	124, 261, 264, 265, 270, and 271
42	<u>48 FR 39611,</u> <u>Sep. 1, 1983</u> ( <u>PDF)</u> ** (13 pp, 1.7MB)	Permit Regulations, Revision in Accordance with Settlement	Final Rule	122, 123, 124, 144, 145, 233, 270, and 271
43	<u>49 FR 17716,</u> <u>Apr. 24, 1984</u> <u>(PDF)</u> ** (4 pp, 445K)	Hazardous Waste Management System, The Hazardous Waste Permit System; Procedures for Decisionmaking	Final Rule	124, 270
44	50 FR 614, Jan. 4, 1985 (PDF)**(55 pp, 6.2MB)	Hazardous Waste Management System, Definition of Solid Waste	Final Rule	260, 261, 264, 265, and 266

45	50 FR 1684, Jan <u>11, 1985 (PDF)</u> ** (41 pp, 5.3MB)	Hazardous Waste Management System; Standards for the Management of Specific Wastes and Specific Types of Facilities	Proposed Rule and Request for Comment	266
46	50 FR 1978, Jan. 14, 1985 (PDF)** (29 pp, 3.8MB)	Hazardous Waste Management System, Dioxin Containing Wastes	Final Rule	261, 264, 265, 270, and 775
47	50 FR 4514, Jan. 31, 1985 (PDF)**(3 pp, 399K)	Information Requirements, OMB Approval, Technical Amendments	Final Rule and Technical Amendments	86, 122, 171, 264, 265, 434, 439, 465, 467, and 469
48	50 FR 11068, Mar 19, 1985 (PDF)** (30 pp, 3.8MB)	Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities	Proposed Rule	260, 264, 265, and 270
49	50 FR 16044, Apr. 23, 1985 (PDF)** (5 pp, 620K)	Hazardous Waste Management System, Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities	Final Rule	265
50	50 FR 18370, Apr. 30, 1985 (PDF)** (61 pp, 6.8MB)	Hazardous Waste Management System, Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities	Final Rule	260, 264, 265, and 270
51	50 FR 26444, Jun. 26, 1985 (PDF)** (6 pp, 685K)	Hazardous Waste Management System; Standards for Hazardous Waste Storage and Treatment Tank Systems	Proposed Rule	260, 262, 264, 265, and 270
52	50 FR 28702, Jul. <u>15, 1985 (PDF)</u> ** (54 pp, 6.6MB)	Hazardous Waste Management System, Final Codification Rule	Final Rule	260, 261, 262, 264, 265, 266, 270, 271, and 280
53	50 FR 31278, Aug. 1, 1985 (PDF)** (29 pp, 3.8MB)	Hazardous Waste Management System	Proposed Rule and Request for Comment	261, 262, 263, 264, 265, 270, and 271
54	50 FR 33902, Aug. 21, 1985 (PDF)** (8 pp, 1.0MB)	Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities: Liability Coverage	Notice of Proposed Rulemaking and Request for Comment	264 and 265
55	50 FR 49164, Nov. 29, 1985 (PDF)** (48 pp, 5.7MB)	Hazardous Waste Management System, Burning of Waste Fuel and Used Oil Fuel in Boilers and Industrial Furnaces	Final Rule	261, 264, 265, 266, and 271
56	50 FR 49212, Nov. 29, 1985 (PDF)** (47 pp, 6.3MB)	Hazardous Waste Management System; Recycled Used Oil Standards	Proposed Rule	260, 261, 266, 270, and 271
57	51 FR 1602, Jan. 14, 1986 (PDF)** (165 pp, 29MB)	Hazardous Waste Management System: Land Disposal Restrictions	Proposed Rule	260, 261, 262, 264, 265, 266, 270, and 271

58	51 FR 8744, Mar.	Hazardous Waste Management System;	Proposed Rule	260, 262,
	13, 1986 (PDF)**	Exports of Hazardous Waste	and Request for	263, and
	(44 pp, 5.2MB)		Comment	271
59	51 FR 10146, Mar. 24, 1986 (PDF)** (31 pp, 4.1MB)	Hazardous Waste Management System, General Identification and Listing of Hazardous Waste, Standards for Generators of Hazardous Waste, Standards for Transporters of Hazardous Waste, EPA Administered Permit Programs, Authorization of State Hazardous Waste Programs	Final Rule	260, 261, 262, 263, 270 and 271
60	51 FR 10706, Mar. 28, 1986 (PDF)** (18 pp, 2.3MB)	Hazardous Waste Management System; Proposed Codification of Statutory Provisions	Proposed Rule	144, 260, 264, 265, and 270
61	51 FR 16422, May 2, 1986 (PDF)** (38 pp, 4.9MB)	Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities, Closure/Post-Closure and Financial Responsibility Requirements	Final Rule	260, 264, 265, and 270
62	51 FR 19176, May 28, 1986 (PDF)** (2 pp, 260K)	Hazardous Waste Management System, Final Codification Rule	Final Rule, Correction	265
63	51 FR 21648, Jun. 13, 1986 (PDF)** (46 pp, 4.9MB)	Hazardous Waste Management System; Identification and Listing of Hazardous Waste; Notification Requirements; Reportable Quantity Adjustments; Proposed Rule	Proposed Rule	261, 271, and 302
64	51 FR 25350, Jul. 11, 1986 (PDF)** (7 pp, 862K)	Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities, Liability Coverage	Interim Final Rule	264 and 265
65	51 FR 25422, Jul. 14, 1986 (PDF)** (65 pp, 8.5MB)	Hazardous Waste Management System, Standards for Hazardous Waste Storage and Treatment Tank Systems	Final Rule	260, 261, 262, 264, 265, 270, and 271
66	51FR 26632, Jul. 24, 1986 (PDF) (11 pp, 1.3MB)	Hazardous Waste Management System; Ground-Water Monitoring	Proposed Rule and Request for Comments	264 and 270
67	51 FR 28556, Aug. 8, 1986 (PDF)** (1 pg, 127K)	Hazardous Waste Management System, Final Codification Rule, Technical Correction	Final Rule and Technical Correction	264 and 265
68	51 FR 29430, Aug. 15, 1986 (PDF)** (2 pp, 147K)	Hazardous Waste Management System, Standards for Hazardous Waste Storage and Treatment Tank Systems	Final Rule and Correction	260, 261, 262, 264, 265, 270, and 271
69	51 FR 37854, Oct. 24, 1986 (PDF)** (27 pp, 3.4MB)	Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities, Financial Assurance for Corrective Action	Proposed Rule	264, 270, and 271
70	51 FR 40572, Nov. 7, 1986 (PDF)** (83 pp, 8.8MB)	Hazardous Waste Management System, Land Disposal Restrictions	Final Rule	260, 261, 262, 264, 265, 268,

				270, and 271
71	51 FR 40726, Nov. 7, 1986 (PDF)** (14 pp, 1.7MB)	Hazardous Waste Management System; Standards for Owners and Operators of Miscellaneous Units	Notice of Proposed Rulemaking	260, 264, and 270
72	51 FR 44714, Dec. 11, 1986 (PDF)** (27 pp, 3.5MB)	Hazardous Waste Management System: Land Disposal Restrictions	Proposed Rule	260, 261, 262, 264, 265, 268, 270, and 271
73	51 FR 46824, Dec 24, 1986 (PDF)** (13 pp, 1.6MB)	Hazardous Waste Management System: Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities	Proposed Rule	260, 264, 265, and 271
74	52 FR 3748, Feb. 5, 1987 (PDF)** (23 pp, 4.7MB)	Hazardous Waste Treatment, Storage, and Disposal Facilities; Air Emission Standards for Volatile Organics Control	Proposed Rule and Notice of Public Hearing	261, 264, 265, 269, 270, and 271
75	52 FR 8704, Mar. 19, 1987 (PDF)** (6 pp, 1.1MB)	Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities, Final Rule	Final Rule	265
76	52 FR 16982, May 6, 1987 (PDF)** (6 pp, 1.1MB)	Burning of Hazardous Waste in Boilers and Industrial Furnaces	Proposed Rule and Request for Comment	260, 261, 264, 265, 266, 270, and 271
77	52 FR 20218, May 29, 1987 (PDF)** (94 pp, 112MB)	Liners and Leak Detection for Hazardous Waste Land Disposal Units	Notice of Proposed Rulemaking	260, 264, 265, 270, and 271
78	52 FR 21306, Jun. 5, 1987 (PDF)** (2 pp, 412K)	Hazardous Waste Management, Definition of Solid Waste, Technical Corrections	Technical Corrections to Definition of Solid Waste Rulemaking	261 and 266
79	52 FR 25760, Jul. 8, 1987 (PDF)** (33 pp, 4.3MB)	Land Disposal Restrictions for Certain "California List" Hazardous Waste and Modifications to the Framework	Final Rule	260, 261, 262, 264, 265, 268, 270, and 271
80	52 FR 25942, Jul. 9, 1987 (PDF) (12 pp, 1.2MB)	List (Phase 1) of Hazardous Constituents for Ground-Water Monitoring	Final Rule	264 and 270
81	52 FR 30570, Aug. 14, 1987 (PDF)** (10 pp, 1.2MB)	Changes to Interim Status and Permitted Facilities for Hazardous Waste Management; Procedures for Post- Closure Permitting	Proposed Rule	265, 270, and 271
82	52 FR 31948, Aug. 24, 1987 (PDF)** (9 pp, 1.1MB)	Statistical Methods for Evaluating Ground-Water Monitoring Data From Hazardous Waste Facilities	Proposed Rule	264
83	52 FR 35838, Sep. 23, 1987 (PDF)** (25 pp, 3.3MB)	Permit Modifications for Hazardous Waste Management Facilities	Proposed Rule	124, 264, and 270

84	52 FR 44314, Nov. 18, 1987 (PDF)** (8 pp, 1.0MB)	Liability Requirements for Hazardous Waste Facilities, Corporate Guarantee	Final Rule	264 and 265
85	52 FR 45788, Dec. 1, 1987 (PDF)** (12 pp, 1.6MB)	Hazardous Waste, Codification Rule for the 1984 RCRA Amendments	Final Rule	144, 264, 265, 270, and 271
86	52 FR 46946, Dec. 10, 1987 (PDF)** (20 pp, 2.6MB)	Hazardous Waste Miscellaneous Units, Standard, Applicable to Owners and Operators	Final Rule	144, 260, 264, and 270
87	53 FR 519, Jan. 8, 1988 (PDF)**(11 pp, 1.7MB)	Identification and Listing of Hazardous Waste; Amendments to Definition of Solid Waste	Proposal Rule and Request for Comment	261
88	53 FR 11742, Apr. 8, 1988 (PDF)** (50 pp, 6.2MB)	Land Disposal Restrictions for Restrictions for First Third of Scheduled Wastes	Proposed Rule	264, 265, 268, and 271
89	53 FR 17578, May 17, 1988 (PDF)** (49 pp, 6.2MB)	Land Disposal Restrictions for First Third of Scheduled Wastes	Proposed Rule	264, 265, 266, and 268
90	53 FR 20738, Jun. 6, 1988 (PDF)** (24 pp, 2.5MB)	Delay of the Closure Period for Hazardous Waste Management Facilities	Proposed Rule	264, 265, and 270
91	53 FR 27164, Jul. 19, 1988 (PDF) (2 pp, 227K)	Farmer Exemptions, Technical Corrections	Technical Corrections	262, 264, 265, 268, and 270
92	53 FR 28118, Jul. 26, 1988 (PDF) (40 pp, 5.2MB)	Underground Injection Control Program, Hazardous Waste Disposal Injection Restrictions, Amendments to Technical Requirements for Class I Hazardous Waste Injection Wells, Additional Monitoring Requirements Applicable to All Class I Wells	Final Rule	124, 144, 146, and 148
93	53 FR 31138, Aug. 17, 1988 (PDF)** (85 pp, 11MB)	Land Disposal Restrictions for First Third Scheduled Wastes	Final Rule	264, 265, 266, 268 and 271
94	53 FR 33938, Sep. 1, 1988 (PDF)** (23 pp, 3.0MB)	Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities, Liability Coverage	Final Rule	264 and 265
95	53 FR 34079, Sep. 2, 1988 (PDF)** (9 pp, 1.6MB)	Hazardous Waste Management System, Standards for Hazardous Waste Storage and Treatment Tank Systems	Final Rule	260, 264, 265, and 270
96	<u>53 FR 37912,</u> <u>Sep. 28, 1988</u>	Permit Modifications for Hazardous Waste Management Facilities	Final Rule	124, 264, 265, and 270

	(PDF)** (31 pp,			
	<u>(PDF)</u> (31 pp, 4.0MB)			
97	<u>53 FR 39720,</u> <u>Oct. 11, 1988</u> ( <u>PDF</u> )** (12 pp, 1.5MB)	Statistical Methods for Evaluating Ground-Water Monitoring Data from Hazardous Waste Facilities	Final Rule	264
98	53 FR 53282, Dec. 30, 1988 (PDF)** (49 pp, 5.3MB)	Hazardous Waste Management System: Identification and Listing of Hazardous Waste; Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities; Requirements for Authorization of State Hazardous Waste Programs; and Designation, Reportable Quantities, and Notification	Proposed Rule and Request for Comments	260, 261, 262, 264, 265, 270, 271, and 302
99	54 FR 3212, Jan, 23, 1989 (PDF)** (18 pp, 1.8MB)	Hazardous Waste Management System; Testing and Monitoring Activities	Proposed Rule	260, 261, 262, 264, 265, 268, and 270
100	54 FR 9596, Mar. 7, 1989 (PDF)** (14 pp, 1.7MB)	Changes to Interim Status Facilities for Hazardous Waste Management, Modifications of Hazardous Waste Management Permits, Procedures for Post-Closure Permitting	Final Rule	124 and 270
101	54 FR 26594, Jun. 23, 1989 (PDF)** (59 pp, 7.8MB)	Land Disposal Restrictions for Second Third Scheduled Waste	Final Rule	148, 264, 265, 266, 268, and 271
102	54 FR 33376, Aug. 14, 1989 (PDF)** (23 pp, 2.9MB)	Delay of Closure Period for Hazardous Waste Management Facilities	Final Rule	264, 265, and 270
103	54 FR 36967, Sep. 6, 1989 (PDF)** (6 pp, 800K)	Land Disposal Restrictions	Final Rule and Corrections	148, 266, and 268
104	54 FR 43718, Oct. 26, 1989 (PDF)** (46 pp, 5.5MB)	Burning of Hazardous Waste in Boilers and Industrial Furnaces	Supplement to Proposed Rule	260, 261, 264, 265, 266, 270, and 271

\*\*used HeinOnline for entries dated Dec 78 - Nov 93

# Federal Register Notices 1990 - 1999

No.	Date	Title	Action	Parts
105	55 FR 4440, Feb.	Hazardous Waste Management System;	Notice of	260,261,
	<u>8, 1990 (PDF)</u> ** (6	Testing and Monitoring Activities	Reopening of	262, 264,
	pp, 825K)		Comment	265,268 and
			Period; Notice of	270
			Data Availability	
106	55 FR 11798, Mar.	Hazardous Waste Management System,	Final Rule	261, 264,
	29, 1990 (PDF)**	Identification and Listing of Hazardous		265, 268,
	(80 pp, 8.8MB)	Waste, Toxicity Characteristic Revisions		271, and
				302
107	55 FR 17862, Apr.	Standards for Owners and Operators of	Proposed Rule,	260, 261,
	27, 1990 (PDF)**	Hazardous Waste Incinerators and Burning	Supplemental	264, and
	(60 pp, 6.7MB)		Proposed Rule,	270

			- · · ·	1
		of Hazardous Wastes in Boilers and Industrial Furnaces	Technical Corrections, and Request for	
			Comments	
108	55 FR 22520, Jun. 1, 1990 – Part 1 (PDF)** (106 pp,	Land Disposal Restrictions for Third Third Scheduled Wastes	Final Rule	148, 261, 262, 264, 265, 268,
	13MB) <u>55 FR 22520, Jun.</u> <u>1, 1990 – Part 2</u> (PDF)** (95 pp,			270, 271, and 302
	12MB)			
109	55 FR 25454, Jun. 21, 1990 (PDF) (66 pp, 8.7MB)	Hazardous Waste Treatment, Storage and Disposal Facilities, Organic Air Emission Standards for Process Vents and Equipment Leaks	Final Rule	260, 261, 264, 265, 270 and 271
110	55 FR 26986, Jun. 29, 1990 (PDF) (14 pp, 1.3MB)	Hazardous Waste Management System, Identification and Listing of Hazardous Waste, Toxicity Characteristic	Final Rule and Corrections	261, 264, 265, 268, 271, and 302
111	55 FR 30798, Jul. 27, 1990 (PDF)** (87 pp, 12MB)	Corrective Action for Solid Waste Management Units (SWMUs) at Hazardous Waste Management Facilities	Proposed Rule	264, 265, 270, and 271
112	55 FR 50450, Dec. 6, 1990 (PDF)** (41 pp, 5.6MB)	Identification and Listing of Hazardous Waste, Wood Preserving	Final Rule	260, 261, 262, 264, 265, 270, 271, and 302
113	56 FR 2108 , Jan. 18, 1991 (PDF) (3 pp, 384 K)	Hazardous Waste Management System: Amendments To Interim Status Standards for Downgradient Ground-Water Monitoring Well Locations at Hazardous Waste Facilities	Proposed Rule and Notice of Availability	265
114	56 FR 7134, Feb. 21, 1991 (PDF)** (107 pp, 14MB)	Burning of Hazardous Waste in Boilers and Industrial Furnaces	Final Rule	260, 261, 264, 265, 266, 270 and 271
115	56 FR 19290, Apr. 26, 1991 (PDF)** (1 pg, 115K)	Hazardous Waste Treatment, Storage and Disposal Facilities, Organic Air Emission Standards for Process Vents and Equipment Leaks, Technical Amendment	Final Rule and Technical Amendment	264, 265 and 270
116	56 FR 30192, Jul. <u>1, 1991 (PDF)</u> ** (7 pp, 902K)	Identification and Listing of Hazardous Waste, Wood Preserving Corrections	Technical Correction	261, 262, 264, 265, 270
117	56 FR 30201, Jul. <u>1, 1991 (PDF)</u> ** (27 pp, 3.5MB)	Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; Financial Responsibility	Proposed Rule	264, 265, 280, and 761
118	56 FR 32688, Jul. <u>17, 1991 (PDF)</u> ** (165 pp, 17MB)	Burning of Hazardous Waste in Boilers and Industrial Furnaces	Final Rule, Corrections and Technical Amendments	260, 261, 264, 265, 266, 270, and 271
119	56 FR 33490, Jul. 22, 1991 (PDF)** (90 pp, 10MB)	Hazardous Waste Treatment, Storage, and Disposal Facilities; Organic Air Emission	Proposed Rule	60, 260, 264, 265,

			ſ	070
		Standards for Tanks, Surface Impoundments, and Containers		270, and 271
120	<u>56 FR 42504,</u> <u>Aug. 27, 1991</u> ( <u>PDF)</u> ** (14 pp, 1.8MB)	Burning of Hazardous Waste in Boilers and Industrial Furnaces	Final Rule and Technical Amendments	261, 265, and 266
121	<u>56 FR 43574,</u> <u>Sep. 3, 1991</u> (PDF) <sup>**</sup> (1 pg, 136K)	Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities, Financial Responsibility	Proposed Rule, Extension of Comment Period, Notice of Data Availability	264, 265, 280, and 761
122	<u>56 FR 47912,</u> <u>Sep. 23, 1991</u> (PDF) <sup>**</sup> (1 pg, 127K)	Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities, Liability Coverage	CFR Correction	265
123	<u>56 FR 63848,</u> <u>Dec. 5, 1991</u> ( <u>PDF)</u> ** (13 pp, 1.5MB)	Wood Preserving; Identification and Listing of Hazardous Waste; Standards for Owners and Operators of Hazardous Waste Treatment; Interim Status for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; and CERCLA Designation, Reportable Quantities	Notice of Proposed Rulemaking and Request for Comments	261, 264, 265, and 302
124	<u>56 FR 66365,</u> <u>Dec. 23, 1991</u> (PDF) <sup>**</sup> (5 pp, 666K)	Hazardous Waste Management System, Amendments to Interim Status Standards for Downgradient Groundwater Monitoring Well Locations at Hazardous Waste Facilities	Final Rule	260 and 265
125	57 FR 3462, Jan. 29, 1992 (PDF) (36 pp, 4.6MB)	Liners and Leak Detection Systems for Hazardous Waste Land Disposal Units	Notice of Final Rulemaking	260, 264, 265, 270, and 271
126	57 FR 5859, Feb. <u>18, 1992 (PDF)</u> ** (3 pp, 379K)	Wood Preserving, Identification and Listing of Hazardous Waste, Standards and Interim Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities	Administrative Stay	264, and 265
127	57 FR 8086, Mar. 6, 1992 (PDF)** (5 pp, 618K)	Land Disposal Restrictions for Third Third Scheduled Wastes	Technical Amendments	148, 264, 265, and 268
128	57 FR 30657, Jul. 10, 1992 (PDF) ** (2 pp, 403K)	Hazardous Waste Management System, Identification and Listing of Hazardous Waste, Toxicity Characteristic	Final Rule and Corrections	261 and 265
129	57 FR 37194, Aug. 18, 1992 (PDF)** (89 pp, 12MB)	Land Disposal Restrictions for Newly Listed Wastes and Hazardous Debris	Final Rule	148, 260, 261, 262, 264, 265, 268, 270 and 271
130	57 FR 38558, Aug. 25, 1992 (PDF)** (9 pp, 1.2MB)	Burning of Hazardous Waste in Boilers and Industrial Furnaces	Final Rule, Technical Amendments and Corrections	260, 261, 264, 265, and 266
131	57 FR 41566, Sep. 10, 1992 (PDF)** (61 pp, 8.0MB)	Hazardous Waste Management System, Identification and Listing of Hazardous Waste, Recycled Used Oil Management Standards	Final Rule	260, 261, 266, 271, and 279

132	<u>57 FR 42832,</u> Sep. 16, 1992	Standards Applicable to Owners and Operators of Hazardous Waste Treatment,	Final Rule	264 and 265
	(PDF)** (13 pp, 1.9MB)	Storage and Disposal Facilities, Financial Responsibility for Third Party Liability, Closure and Post Closure		
133	57 FR 44999, Sep. 30, 1992 (PDF)** (3 pp, 420K)	Burning of Hazardous Waste in Boilers and Industrial Furnaces	Final Rule, Technical Amendments and Corrections	266
134	57 FR 54452, Nov. 18, 1992 (PDF)** (10 pp, 1.3MB)	Hazardous Waste Management, Liquids in Landfills	Final Rule	260, 264, 265, and 271
135	57 FR 61492, Dec. 24, 1992 (PDF)** (14 pp, 1.8MB)	Wood Preserving, Identification and Listing of Hazardous Waste, Standards and Interim Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities	Final Rule	261, 264, 265, 271, and 302
136	58 FR 8102 Feb. 11, 1993 (PDF)** (32 pp, 4.4MB)	Hazardous Waste Management System; Modification of the Hazardous Waste Recycling Regulatory Program	Proposed Rule	260, 261, 262, 264, 265, 268, 270, and 273
137	58 FR 8658, Feb. 16, 1993 (PDF) (28 pp, 3.9MB)	Corrective Action Management Units and Temporary Units, Corrective Action Provisions Under Subtitle C	Final Rule	260, 264, 265, 268, 270 and 271
138	58 FR 25706, Apr. 27, 1993 (PDF) (32 pp, 4.0MB)	Wood Surface Protection; Identification and Listing of Hazardous Waste; Testing and Monitoring Activities; Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities	Notice of Proposed Rulemaking	260,261, 264, 265, 270and 302
139	58 FR 26420, May 3, 1993 (PDF)** (7 pp, 926K)	Hazardous Waste Management System, Identification and Listing of Hazardous Waste, Recycled Used Oil Management Standards	Final Rule, Technical Amendments and Corrections	261, 264, 265, 271 and 279
140	58 FR 38816, Jul. 20, 1993 (PDF) (69 pp, 9.2MB)	Requirements for Preparation, Adoption, and Submittal of Implementation Plans	Final Rule	51, 52, 260, and 266
141	58 FR 46040, Aug. 31, 1993 (PDF)** (12 pp, 1.5MB)	Hazardous Waste Management System, Testing and Monitoring Activities	Final Rule	260, 261, 264, 265, 268 and 270
142	58 FR 48092, Sept. 14, 1993 (PDF)** (113 pp, 12MB)	Land Disposal Restrictions for Newly Identified and Listed Hazardous Wastes and Hazardous Soil	Proposed Rule	148, 260, 261, 268, and 271
143	58 FR 59598, Nov. 9, 1993 (PDF)** (6 pp, 736K)	Burning of Hazardous Waste in Boilers and Industrial Furnaces	Interim Final Rule	266 and 271
144	59 FR 8583, Feb. 23, 1994	Standards for the Management of Specific Hazardous Wastes; Amendment to Subpart C – Recyclable Materials Used in a Manner Constituting Disposal; Proposed Rule	Proposed Rule and Request for Comment	266

145	59 FR 13891, Mar.	Recordkeeping Instructions	Technical	264 and 265
110	<u>24, 1994</u>		Amendment	201 4114 200
146	<u>59 FR 28680, Jun.</u> <u>2, 1994</u>	RCRA Expanded Public Participation and Revisions to Combustion Permitting Procedures	Proposed Rule	124 and 270
147	<u>59 FR 29958, Jun.</u> <u>10, 1994</u>	Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities, Underground Storage Tanks and Underground Injection Control Systems, Financial Assurance, Letter of Credit	Final Rule and Amendment	144, 264 and 280
148	<u>59 FR 38536, Jul.</u> <u>28, 1994</u>	Identification and Listing of Hazardous Waste, Amendments to the Definition of Solid Waste	Final Rule	261 and 266
149	<u>59 FR 43496,</u> Aug. 24, 1994	Standards for the Management of Specific Hazardous Wastes, Amendment to Subpart C, Recyclable Materials Used in a Manner Constituting Disposal	Final Rule and Response to Comments	266 and 268
150	<u>59 FR 47982,</u> <u>Sep. 19, 1994</u>	Land Disposal Restrictions, Phase II, Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes	Final Rule	148, 260, 261, 264, 265, 266, 268, and 271
151	<u>59 FR 55778,</u> <u>Nov. 8, 1994</u>	Standards Applicable to Owners and Operators of Closed and Closing Hazardous Waste Management Facilities; Post-Closure Permit Requirement; Closure Process; State Corrective Action Enforcement Authority	Proposed Rule and Request for Public Comment	264, 265, 270, and 271
152	<u>59 FR 62926,</u> Dec. 6, 1994	Hazardous Waste Treatment, Storage, and Disposal Facilities and Hazardous Waste Generators; Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers	Final Rule	9, 60, 260, 262, 264, 265, 270, and 271
153	<u>60 FR 25492 May</u> <u>11, 1995</u>	Universal Waste Rule Hazardous Waste Management System; Modification of the Hazardous Waste Recycling Regulatory Program	Final Rule	9, 260, 261, 262, 264, 265, 266, 268, 270, and 273
154	<u>60 FR 26828, May</u> <u>19, 1995</u>	Hazardous Waste Treatment, Storage, and Disposal Facilities and Hazardous Waste Generators; Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers	Notice of Postponed Effective Date	264, 265, 270, and 271
155	60 FR 33912, Jun. 29, 1995	Solid Waste, Hazardous Waste, Oil Discharge and Superfund Programs; Removal of Legally Obsolete Rules	Final Rule	110, 259, 261, 266, 267, 270, 271, 300 and 373
156	60 FR 35703, Jul. 11, 1995	Hazardous Waste Management: Liquids in Landfills	Direct Final Rule to Grant a Petition to Add a Test Method	264, 265, and 271
157	<u>60 FR 35718, Jul.</u> <u>11, 1995</u>	Hazardous Waste Management: Liquids in Landfills	Notice of Proposed	264 and 265

			Rulemaking to	
			Grant a Petition	
158	<u>60 FR 37974, Jul.</u> 25, 1995	Hazardous Waste Management System; Testing and Monitoring Activities	Proposed Rule	260, 264, and 265
159	<u>60 FR 41870,</u> Aug. 14, 1995	Hazardous Waste Treatment, Storage, and Disposal Facilities and Hazardous Waste Generators; Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers	Proposed Rule; Data Availability	9, 60, 260, 262, 264, 265, 270, and 271
160	<u>60 FR 50426,</u> <u>Sep. 29, 1995</u>	Hazardous Waste Treatment, Storage, and Disposal Facilities and Hazardous Waste Generators; Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers	Final Rule and Administrative Stay	264 and 265
161	<u>60 FR 56468 Nov.</u> <u>8, 1995</u>	Military Munitions Rule: Hazardous Waste Identification and Management; Explosives Emergencies; Redefinition of On-Site	Proposed Rule	260, 261, 262, 263, 264, 265, and 270
162	<u>60 FR 56952,</u> <u>Nov. 13, 1995</u>	Hazardous Waste Treatment, Storage, and Disposal Facilities and Hazardous Waste Generators; Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers	Notice of Postponed Effective Date	264, 265, and 271
163	<u>60 FR 63433,</u> Dec. 11, 1995	RCRA Expanded Public Participation	Final Rule	9, 124, and 270
164	<u>61 FR 4903, Feb.</u> <u>9, 1996</u>	Hazardous Waste Treatment, Storage, and Disposal Facilities and Hazardous Waste Generators; Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers	Final Rule and Technical Amendment	262, 264, 265, and 270
165	61 FR 16290, Apr. 12, 1996	Imports and Exports of Hazardous Waste, Implementation of OECD Council Decision C(92)39 Concerning the Control of Transfrontier Movements of Wastes Destined for Recovery Operations	Final Rule	9, 260, 261, 262, 263, 264, 265, 266, and 273
166	<u>61 FR 17358, Apr.</u> <u>19, 1996</u>	Revised Standards for Hazardous Waste Combustors	Proposed Rule	60, 63, 260, 261, 264, 265, 266, 270, and 271
167	<u>61 FR 18780, Apr.</u> 29, 1996	Requirements for Management of Hazardous Contaminated Media (HWIR- Media)	Proposed Rule	260, 261, 262, 264, 268, 269 and 271
168	<u>61 FR 28508, Jun.</u> <u>5, 1996</u>	Hazardous Waste Treatment, Storage, and Disposal Facilities and Hazardous Waste Generators; Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers	Amendment of Final Rule to Postpone	264, 265, 270, and 271
169	<u>61 FR 59932,</u> Nov. 25, 1996	Hazardous Waste Treatment, Storage, and Disposal Facilities and Hazardous Waste Generators; Organic Air Emission Standards for Tanks, Surface Impoundments and Containers	Final Rule	261, 262, 264, 265, 270 and 271

170	<u>61 FR 65268,</u> Dec. 11, 1996	Amendments to Streamline the National Pollutant Discharge Elimination System Program Regulations: Round Two	Proposed Rule	22,117,122, 123, 124, 125, 144, 270, and 271
171	<u>62 FR 960 Jan. 7,</u> <u>1997</u>	Hazardous Waste Combustors; Revised Standards; Proposed Rule- Notice of Data Availability and Request for Comments	Notice of Data Availability and Request for Comments	60, 63, 260, 261, 264, 265, 266, 270 and 271
172	<u>62 FR 6622, Feb.</u> <u>12, 1997</u>	Military Munitions Rule, Hazardous Waste Identification and Management, Explosives Emergencies, Manifest Exemption for Transport of Hazardous Waste on Right-of- Ways on Contiguous Properties	Final Rule	260, 261, 262, 263, 264, 265, 266, and 270
173	<u>62 FR 15303, Mar.</u> <u>31, 1997</u>	Project XL Site-specific Rulemaking for Merck & Co., Inc. Stonewall Plant	Proposed Rule	52, 60, 264, and 265
174	<u>62 FR 24212, May</u> <u>2, 1997</u>	Revised Technical Standards for Hazardous Waste Combustion Facilities	Notice of Data Availability and Request for Comments	60, 63, 260, 261, 264, 265, 266, 270, and 271
175	<u>62 FR 32451, Jun.</u> <u>13, 1997</u>	Hazardous Waste Management System, Testing and Monitoring Activities	Final Rule	260, 264, 265, and 266
176	<u>62 FR 52622, Oct.</u> 8, 1997	Project XL Site-specific Rulemaking for Merck & Co., Inc. Stonewall Plant	Final Rule	52, 60, 264 and 265
177	<u>62 FR 64636,</u> Dec. 8, 1997	Hazardous Waste Treatment, Storage, and Disposal Facilities and Hazardous Waste Generators; Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers	Final Rule, Clarification and Technical Amendment	264, 265, and 270
178	<u>63 FR 11124, Mar.</u> 6, 1998	Project XL Site-specific Rulemaking for OSi Specialties, Inc., Sistersville, WV	Direct Final Rule	264 and 265
179	<u>63 FR 19837, Apr.</u> 22, 1998	Removal of Direct Final Rule for XL Project at OSi Specialties, Inc., Sistersville, WV	Removal of Direct Final Rule Amendments	264 and 265
180	<u>63 FR 33829, Jun.</u> <u>19, 1998</u>	Hazardous Waste Combustors; Revised Standards	Final Rule	63, 261, and 270
181	<u>63 FR 49383,</u> <u>Sep. 15, 1998</u>	Project XL Site-specific Rulemaking for OSi Specialties, Inc., Sistersville, WV	Final Rule	264 and 265
182	<u>63 FR 53844, Oct.</u> 7, 1998	Project XL Site-Specific Rulemaking for OSi Specialties, Inc., Sistersville, WV	Final Rule and Technical Correction	264 and 265
183	<u>63 FR 56709, Oct.</u> 22, 1998	Standards Applicable to Owners and Operators of Closed and Closing Hazardous Waste Management Facilities, Post-Closure Permit Requirement and Closure Process	Final Rule	264, 265, 270, and 271
184	<u>63 FR 65873,</u> <u>Nov. 30, 1998</u>	Hazardous Remediation Waste Management Requirements (HWIR-media)	Final Rule	260, 261, 264, 265, 268, 270 and 271
185	<u>63 FR 71225,</u> Dec. 24, 1998	Universal Waste Rule, Hazardous Waste Management System, Modification of the	Final Rule and Correcting Amendments	266 and 273

		Hazardous Waste Recycling Regulatory Program		
186	<u>64 FR 3381, Jan.</u> <u>21, 1999</u>	Hazardous Waste Treatment, Storage, and Disposal Facilities and Hazardous Waste Generators, Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers	Final Rule	262, 264, and 265
187	<u>64 FR 10064, Mar</u> <u>1, 1999 (PDF)</u> (11 pp, 76K)	Approach to Reinventing Regulations on Storing Mixed Low-Level Radioactive Waste	Advance Notice of Proposed Rulemaking (ANPR)	266
188	<u>64 FR 36465, Jul.</u> <u>6, 1999</u>	Hazardous Waste Management System, Modification of the Hazardous Waste Program, Hazardous Waste Lamps	Final Rule	260, 261 264, 265, 268, 270 and 273
189	<u>64 FR 37623, Jul.</u> <u>12, 1999</u>	Project XL Rulemaking for New York State Public Utilities, Hazardous Waste Management Systems	Final Rule	9, 262, 264, 265, and 270
190	<u>64 FR 52827,</u> <u>Sep. 30, 1999</u>	NESHAPS, Final Standards for Hazardous Air Pollutants for Hazardous Waste Combustors	Final Rule	60, 63, 260, 261, 264, 265, 266, 270, 271
191	<u>64 FR 63209,</u> <u>Nov. 19, 1999</u>	Final Standards for Hazardous Air Pollutants for Hazardous Waste Combustors	Final Rule and Technical Correction	63, 261, and 266

\*\*used HeinOnline for entries dated Dec 78 – Nov 93

## Federal Register Notices 2000 – 2009

No.	Date	Title	Action	Parts
192	<u>65 FR 30886,</u>	Amendments to Streamline the National	Final Rule	22, 117,
	<u>May 15, 2000</u>	Pollutant Discharge Elimination System		122, 123,
		Program Regulations: Round Two		124, 125,
				144, 270,
				and 271
193	<u>65 FR 51080,</u>	Amendments to the Corrective Action	Proposed Rule	260, 264,
	<u>Aug. 22, 2000</u>	Management Unit Rule		and 271
194	<u>65 FR 70678,</u>	Waste Management System; Testing and	Notice of	258, 260,
	<u>Nov. 27, 2000</u>	Monitoring Activities; Notice of Availability	Availability and	261, 264,
		of Draft Update IVB of SW-846	Request for	265, 266,
			Comment	270, and
				279
195	<u>65 FR 70953,</u>	Requirements for Zinc Fertilizers Made	Proposed Rule	261, 266,
	<u>Nov. 28, 2000</u>	from Recycled Hazardous Secondary		and 268
400	00 50 07017	Materials		000
196	<u>66 FR 27217,</u>	Storage, Treatment, Transportation, and	Final Rule	266
407	<u>May 16, 2001</u>	Disposal of Mixed Waste		000.004
197	<u>66 FR 28239,</u>	Hazardous Waste Management System;	Proposed Rule	260, 261,
	<u>May 22, 2001</u>	Modification of the Hazardous Waste		262, 263,
		Manifest System		264, 265,
400				271
198	<u>66 FR 35087 Jul.</u>	NESHAP, Standards for Hazardous Air	Direct Final Rule	63 and 264
	<u>3, 2001</u>	Pollutants for Hazardous Waste		
		Combustors		

199	66 FR 52192,	Hazardous Waste Management System;	Proposed Rule	124, 260,
133	Oct. 12, 2001	Standardized Permit; Corrective Action;	and Request for	267, and
	000. 12, 2001	and Financial Responsibility for RCRA	Public Comment	270
		Hazardous Waste Management Facilities		2.0
200	67 FR 2517, Jan.	Resource Conservation and Recovery	Proposed Rule	260, 261,
	17, 2002	Act Burden Reduction Initiative		264, 265,
				266, 268,
				270, and
				271
201	<u>67 FR 2961, Jan.</u>	Amendments to the Corrective Action	Final Rule	260, 264,
000	<u>22, 2002</u>	Management Unit Rule		and 271
202	<u>67 FR 6791, Feb.</u>	NESHAP, Interim Standards for	Final Rule	63, 264,
	<u>13, 2002</u>	Hazardous Air Pollutants for Hazardous		265, 266,
		Waste Combustors (Interim Standards Rule)		270, and 271
203	<u>67 FR 40507,</u>	Hazardous Waste Management System;	Proposed Rule	260, 261,
205	Jun. 12, 2002	Modification of the Hazardous Waste	T TOPOSEU TUIE	264, 268,
	<u>0011. 12, 2002</u>	Program; Cathode Ray Tubes and		270, and
		Mercury-Containing Equipment		273
204	67 FR 48393, Jul.	Zinc Fertilizers Made from Recycled	Final Rule	261, 266,
	24, 2002	Hazardous Secondary Materials		268 and 271
205	<u>67 FR 66252,</u>	Waste Management System; Testing and	Proposed Rule	63, 258,
	Oct. 30, 2002	Monitoring Activities; Proposed Rule:	and Notice of	260, 261,
		Methods Innovation Rule	Availability	264, 265,
				266, 270,
				271, and
000	07 ED 77000		Technical	279
206	<u>67 FR 77692,</u> Dec. 19, 2002	NESHAP: Standards for Hazardous Air Pollutants for Hazardous Waste	Technical Correction	63 and 270
	<u>Dec. 19, 2002</u>	Combustors-Corrections	Correction	
207	68 FR 2276, Jan.	Waste Management System; Testing and	Proposed Rule;	63, 258,
	<u>16, 2003</u>	Monitoring Activities; Reopening of	Reopening of	260, 261,
	<u> </u>	Comment Period for the Proposed	Comment Period	264, 265,
		Methods Innovation Rule (MIR)		266, 270,
				271, and
				279
208	<u>69 FR 21197,</u>	National Emission Standards for	Proposed Rule	63, 264,
	<u>Apr. 20, 2004</u>	Hazardous Air Pollutants: Proposed		265, 266,
		Standards for Hazardous Air Pollutants		270, and
		for Hazardous Waste Combustors		271
		(Phase I Final Replacement Standards		
209	60 ED 22604	and Phase II) National Emission Standards for	Final Rule	63, 264 and
209	<u>69 FR 22601,</u> Apr. 26, 2004	Hazardous Air Pollutants, Surface		63, 264 and 265
	<u>, pr. 20, 2004</u>	Coating of Automobiles and Light-Duty		200
		Trucks		
210	<u>69 FR 41575, Jul.</u>	National Pollutant Discharge Elimination	Final Rule	9, 122, 123,
	9,2004	SystemFinal Regulations to Establish	-	124, and
		Requirements for Cooling Water Intake		125
		Structures at Phase II Existing Facilities		
211	<u>70 FR 10775,</u>	Hazardous Waste Management System,	Final Rule	260, 261,
	<u>Mar. 4, 2005</u>	Modification of the Hazardous Waste		262, 263,
		Manifest System		264, 265,
				and 271

040	70 50 04507			00.050
212	<u>70 FR 34537,</u> Jun. 14, 2005	Waste Management System, Testing and Monitoring Activities, Methods Innovation Rule and SW-846 Final Update IIIB	Final Rule	63, 258, 260, 261, 264, 265, 266, 268, 270, 271, and 279
213	<u>70 FR 35034,</u> Jun. 16, 2005	Hazardous Waste Management System, Modification of the Hazardous Waste Manifest System, Correction	Final Rule and Correcting Amendments	262, 264, and 265
214	<u>70 FR 44150,</u> <u>Aug. 1, 2005</u>	Waste Management System, Testing and Monitoring Activities, Methods Innovation Rule and SW-846 Final Update IIIB	Final Rule Corrections	258, 261, and 264
215	<u>70 FR 45507,</u> <u>Aug. 5, 2005</u>	Hazardous Waste Management System, Modification of the Hazardous Waste Program, Mercury Containing Equipment	Final Rule	260, 261, 264, 265, 268, 270, and 273
216	<u>70 FR 53474,</u> <u>Sep. 8, 2005</u>	Hazardous Waste Management System; Standardized Permit for RCRA Hazardous Waste Management Facilities	Final Rule	124, 260, 261, 267, and 270
217	70 FR 59401, Oct. 12, 2005	National Emission Standards for Hazardous Air Pollutants, Final Standards for Hazardous Air Pollutants for Hazardous Waste Combustors (Phase I Final Replacement Standards and Phase II)	Final Rule	9, 63, 260, 264, 265, 266, 270 and 271
218	<u>71 FR 16861,</u> <u>Apr. 4, 2006</u>	Resource Conservation and Recovery Act Burden Reduction Initiative	Final Rule	260, 261, 264, 265, 266, 268, 270, and 271
219	71 FR 40253, Jul. 14, 2006	Hazardous Waste and Used Oil, Corrections to Errors in the Code of Federal Regulations	Final Rule	260, 261, 262, 264, 265, 266, 267, 268, 270, 271, 273, and 279
220	<u>73 FR 18970,</u> <u>Apr. 8, 2008</u>	NESHAP, National Emission Standards for Hazardous Air Pollutants, Standards for Hazardous Waste Combustors, Amendments	Final Rule	63, 264 and 266
221	<u>73 FR 58388,</u> Oct. 6, 2008	Revisions to: The Requirements for Transboundary Shipments of Wastes Between OECD Countries, the Requirements for Export Shipments of Spent Lead-Acid Batteries, the Requirements on Submitting Exception Reports for Export Shipments of Hazardous Wastes, and the Requirements for Imports of Hazardous Wastes	Proposed Rule	262, 264, 265, 266, and 271
222	<u>74 FR 30228,</u> Jun. 25, 2009	Reorganization and Name Change for the Office of Solid Waste (OSW) Within the Office of Solid Waste and Emergency Response	Final Rule	1, 40, 63, 260, 261, 262, 266,

		271, 750
		and 761

## Federal Register Notices 2010 – 2019

No.	Date	Title	Action	Parts
224	<u>75 FR 1235, Jan.</u> <u>8, 2010</u>	Revisions to the Requirements for Transboundary Shipments of Hazardous Wastes Between OECD Member Countries, Export Shipments of Spent Lead-Acid Batteries, Submitting Exception Reports for Export Shipments of Hazardous Wastes, and Imports of Hazardous Wastes	Final Rule	262, 263, 264, 265, 266, and 271
225	<u>75 FR 12989,</u> Mar. 18, 2010	Hazardous Waste Technical Corrections and Clarifications Rule	Direct Final Rule	260, 261, 262, 263, 264, 265, 266, 268 and 270
226	75 FR 20942 Apr.22, 2010	Hazardous Waste Management System; Identification and Listing of Hazardous Waste; Removal of Saccharin and Its Salts from the Lists of Hazardous Constituents, Hazardous Wastes, and Hazardous Substances	Proposed Rule	261, 268 and 302
227	75 FR 31716 Jun. 4, 2010	Hazardous Waste Technical Corrections and Clarifications Rule;	Partial Withdrawal of Direct Final Rule	260, 261, 262, 263, 264, 265, 266, 268, and 270
228	75 FR 35128 Jun. 21, 2010	Hazardous and Solid Waste Management System; Identification and Listing of Special Wastes; Disposal of Coal Combustion Residuals from Electric Utilities	Proposed Rule	257, 261, 264, 265, 268, 271, and 302
229	75 FR 51434 Aug. 20, 2010	Hazardous and Solid Waste Management System; Identification and Listing of Special Wastes; Disposal of Coal Combustion Residuals from Electric Utilities	Proposed Rule, Corrections, Extension of Comment Period, and Additional Public Hearings	257, 261, 264, 265, 268, 271, and 302
230	75 FR 64974 Oct. 21, 2010	Notice of Data Availability on Coal Combustion Residual Surface Impoundments	Notice of Data Availability	257, 261, 264, 265, 268, 271, and 302
231	75 FR 78918 Dec. 17, 2010	Hazardous Waste Management System; Identification and Listing of Hazardous Waste; Removal of Saccharin and Its Salts From the Lists of Hazardous Constituents, Hazardous Wastes, and Hazardous Substances	Final Rule	261, 268, and 302
232	76 FR 34147 Jun. 13, 2011	Land Disposal Restrictions: Revision of the Treatment Standards for Carbamate Wastes	Direct Final Rule	268 and 271

222	76 ED 44004 Jul	Definition of Solid Waste	Drangood Dula	260, 261
233	<u>76 FR 44094 Jul.</u> 22, 2011	Definition of Solid Waste	Proposed Rule	260, 261 and 266
234	76 FR 53376	Definition of Solid Waste	Extension of	260, 261,
	Aug. 26, 2011		Comment	and 270
			Period	
235	76 FR 63252 Oct	Hazardous and Solid Waste Management	Notice of Data	257, 261,
	12, 2011	System: Identification and Listing of	Availability and	264, 265,
		Special Wastes: Disposal of Coal	Request for	268, 271,
		Combustion Residuals from Electric	Comment.	302
		Utilities		
236	77 FR 22229 Apr.	Hazardous Waste Technical Corrections	Final Rule	261 and 266
	13, 2012	and Clarifications Rule		
237	77 FR 50622	Land Disposal Restrictions: Site Specific	Final Rule	268
	Aug. 22, 2012	Treatment Variance for Hazardous		
		Selenium-Bearing Waste Treated by U.S.		
		Ecology Nevada, Beatty, NV		
238	78 FR 5281, Jan.	Practices and Procedures Applicable in	Final Rule	124 and 270
	25, 2013	Permit Appeals Pending before the		
		Environmental Appeals Board		
239	79 FR 7518 Feb.	Hazardous Waste Manifest System:	Final Rule	260, 262,
	7, 2014	Electronic Manifests; Modification of the		263, 264,
		Hazardous Waste Manifest System;		265, and
		Electronic Manifests		271
240	80 FR 57918	Hazardous Waste Generator	Proposed Rule	260, 261,
	Sep.25, 2015	Improvements	,	262, 263,
				264, 265,
				268, 270,
				273, and
				279
241	80 FR 58014	Management Standards for Hazardous	Proposed Rule	261, 262,
	Sep.25, 2015	Waste Pharmaceuticals; Proposed Rule		266, 268,
				and 273
242	80 CFR 63283	Hazardous Waste Export-Import	Proposed Rule	260, 261,
	Oct 19, 2015	Revisions; Proposed Rule		262, 263,
				264, 265,
				266, 267,
				271 and 273
243	80 FR 68491	Management Standards for Hazardous	Extension of	261, 262,
	<u>Nov. 5, 2015</u>	Waste Pharmaceuticals; Proposed Rule;	Comment	266, 268,
		Extension of Public Comment	Period	and 273
244	81 CFR 85732	Hazardous Waste Generator	Final rule	257, 258,
	Nov. 28, 2016	Improvements Rule		260, 261,
				262, 263,
				264, 265,
				266, 267,
				268, 270,
				271, 273,
				and 279
245	81 CFR 85696	Hazardous Waste Export-Import	Final Rule	260, 261,
	<u>Nov 28, 2016</u>	Revisions; Final Rule		262, 263,
				264, 265,
				266, 267,
				271 and 273

Note: For more Federal Register Notices and supporting documents, search the RCRA Docket at regulations.gov

## Federal Digital System (FDSys) Table of Contents

(Note: FDSys links are updated at the end of December; this version is 2017)

**Part 264 - Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities** 

**Part 265 - Interim Status Standards for Owners and Operators of Hazardous** Waste Treatment, Storage and Disposal Facilities

**Part 266** - Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities

Part 268 - Land Disposal Restrictions

Part 270 - EPA Administered Permit Programs: The Hazardous Waste Permit Program

Part 124 - Procedures for Decisionmaking

## **Appendices**

Appendix A: Part 264 Regulations (PDF, 250 pp, 998K) - Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities

Appendix B: Part 265 Regulations (PDF, 198 pp, 827K) - Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities

**Appendix C:** Part 266 Regulations (PDF, 115 pp, 1.1MB) - Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management

Appendix D: Part 268 Regulations (PDF, 133 pp, 651K) - Land Disposal Restrictions

Appendix E: Part 270 Regulations (PDF, 87 pp, 522K) - EPA Administered Permit Programs: The Hazardous Waste Permit Program

Appendix F: Part 124 Regulations (PDF, 39 pp, 293K) - Procedures for Decisionmaking