



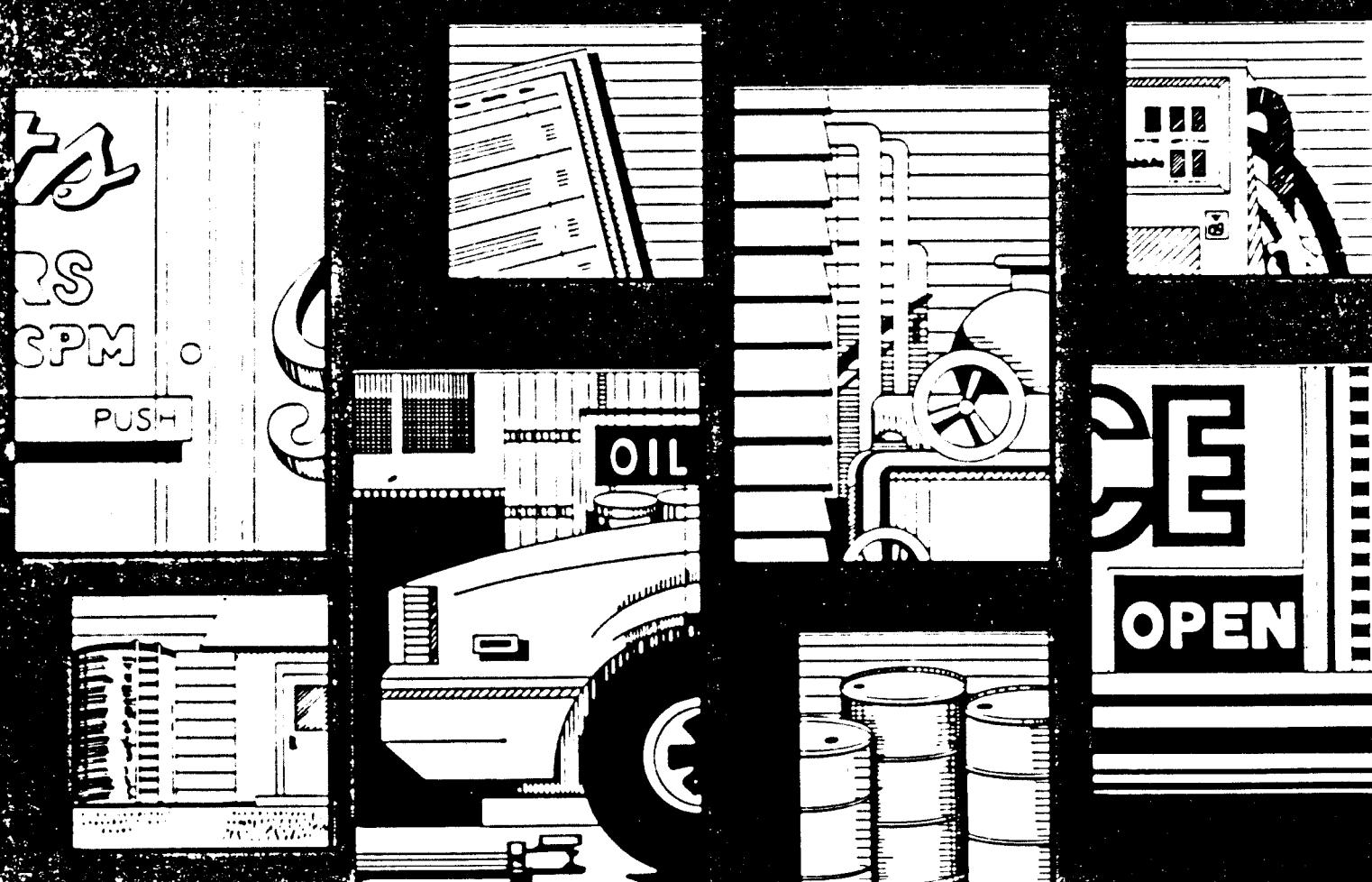
United States
Environmental Protection
Agency

Office of Solid Waste
and Emergency Response
Washington, DC 20460

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Understanding the Small Quantity Generator Hazardous Waste Rules:

A Handbook for Small Business





DOES YOUR BUSINESS GENERATE HAZARDOUS WASTE?**What is a Hazardous Waste?**

A waste is any solid, liquid, or contained gaseous material that you no longer use, and either recycle, throw away, or store until you have enough to treat or dispose of.

As a result of doing business, a company may generate wastes that can cause serious problems if not handled and disposed of carefully. Such wastes could:

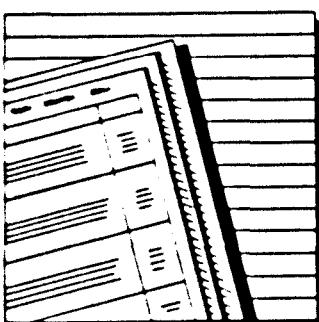
- ▶ cause injury or death; or
- ▶ damage or pollute land, air, or water.

These wastes are considered *hazardous*, and they are currently regulated by federal and state public health and environmental safety laws.

There are two ways a waste may be brought into the hazardous waste regulatory system: *listing*, and identification through *characteristics*.

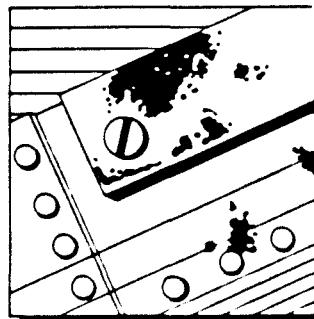
- ▶ **Listed wastes.** Your waste is considered hazardous if it appears on any one of the four lists of hazardous wastes contained in the RCRA regulations. These wastes have been listed because they either exhibit one of the characteristics described below or contain any number of toxic constituents that have been shown to be harmful to health and the environment. The regulations list over 400 hazardous wastes, including wastes

derived from manufacturing processes and discarded commercial chemical products. Many of the listed hazardous wastes that you are likely to generate are included in Appendix B of this handbook.



- ▶ **Characteristic wastes.** Even if a waste does not appear on one of the EPA lists, it is considered hazardous if it has one or more of the following characteristics:

It is easily combustible or flammable. This is called an *ignitable* waste. Examples are paint wastes, certain degreasers, or other solvents.



It dissolves metals, other materials, or burns the skin. This is called a *corrosive* waste. Examples are waste rust removers, waste acid or alkaline cleaning fluids, and waste battery acid.

It is unstable or undergoes rapid or violent chemical reaction with water or other materials. This is called a *reactive* waste. Examples are cyanide plating wastes, waste bleaches, and other waste oxidizers.

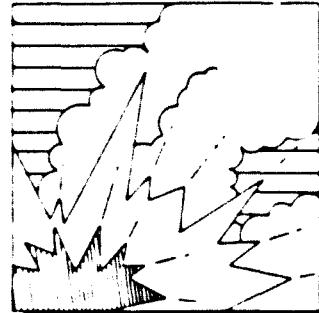


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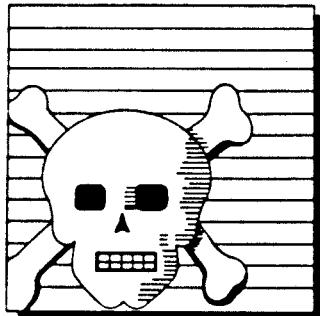
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EPA HAZARDOUS WASTE NUMBERS FOR WASTE STREAMS COMMONLY GENERATED BY SMALL QUANTITY GENERATORS

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A waste sample is tested and shows EP (extraction procedure) toxicity. Wastes are *EP toxic* if an extract from the waste is tested and found to contain high concentrations of heavy metals (such as mercury, cadmium, or lead) or specific pesticides that could be released into the ground water.



Your industry may generate other hazardous wastes beyond the examples mentioned above. It is **your responsibility** to determine whether your wastes are hazardous. If you need assistance, call one of the sources of information listed below in Table 1. A list of the typical hazardous wastes for your industry is also provided in Table 2.

See Appendix A for a complete list of EPA regional offices and state hazardous waste management agencies.

TABLE 1

While the rules and regulations for managing hazardous waste are complex, help is available.

For more information, call:

- ▶ Your state hazardous waste management agency (See Appendix A)
- ▶ Your EPA regional office (See Appendix A)
- ▶ The RCRA/Superfund Hotline – 1-800-424-9346 (In Washington, D.C.: 382-3000)
- ▶ EPA's Small Business Ombudsman Hotline – 1-800-368-5888 (In Washington, D.C.: 557-1938)
- ▶ Your national trade association or its local chapter

Acutely Hazardous Wastes

Some wastes are considered to be "acutely hazardous." These are wastes that EPA has determined to be so dangerous in small amounts that they are regulated the same way as are large amounts of other hazardous wastes. Acutely hazardous wastes, for example, may be generated using certain pesticides. They also include dioxin-containing wastes.

Wastes that appear in Appendix B with an asterisk (*) have been designated acutely hazardous. If your business generates more than 1 kg (approximately 2.2 pounds) of acutely hazardous wastes in a calendar month or stores more than that amount for any period of time, you are subject to all of the regulations that apply to generators that generate more than 1000 kilograms of hazardous waste per calendar month. Contact one of the sources of information listed in Appendix A for more information about acutely hazardous wastes.

TABLE 2

TYPICAL WASTE STREAMS GENERATED BY SMALL QUANTITY GENERATORS*

Type of Business	Types of Hazardous Wastes Generated
Building Cleaning and Maintenance	Acids/Bases Solvents
Chemical Manufacturers	Acids/Bases Cyanide Wastes Heavy Metals/Inorganics Ignitable Wastes Reactives Solvents
Cleaning Agents and Cosmetics	Acids/Bases Heavy Metals/Inorganics Ignitable Wastes Pesticides Solvents
Construction	Acids/Bases Ignitable Wastes Solvents
Educational and Vocational Shops	Acids/Bases Ignitable Wastes Pesticides Reactives Solvents
Equipment Repair	Acids/Bases Ignitable Wastes Solvents
Formulators	Acids/Bases Cyanide Wastes Heavy Metals/Inorganics Ignitable Wastes Pesticides Reactives Solvents
Funeral Services	Solvents Formaldehyde
Furniture/Wood Manufacturing and Refinishing	Ignitable Wastes Solvents

*Additional information on typical waste streams is found in Appendix B of this handbook.

TABLE 2

TYPICAL WASTE STREAMS GENERATED BY SMALL QUANTITY GENERATORS**(continued)*

Type of Business	Types of Hazardous Wastes Generated
Laboratories	Acids/Bases Heavy Metals/Inorganics Ignitable Wastes Reactives Solvents
Laundries and Dry Cleaners	Dry Cleaning Filtration Residues Solvents
Metal Manufacturing	Acids/Bases Cyanide Wastes Heavy Metals/Inorganics Ignitable Wastes Reactives Solvents Spent Plating Wastes
Motor Freight Terminals and Railroad Transportation	Acids/Bases Heavy Metals/Inorganics Ignitable Wastes Lead-Acid Batteries Solvents
Other Manufacturing:	Heavy Metals/Inorganics Solvents
1) Textiles 2) Plastics 3) Leather	
Pesticide End Users and Application Services	Heavy Metals/Inorganics Pesticides Solvents
Printing and Allied Industries	Acids/Bases Heavy Metals/Inorganics Ink Sludges Spent Plating Wastes Solvents
Vehicle Maintenance	Acids/Bases Heavy Metals/Inorganics Ignitable Wastes Lead-Acid Batteries Solvents
Wood Preserving	Preserving Agents

*Additional information on typical waste streams is found in Appendix B of this handbook.

CHAPTER 2

DETERMINING YOUR GENERATOR STATUS

Categories of Hazardous Waste Generators

In March 1986, the federal rules for hazardous waste management were modified to bring businesses that generate small amounts of hazardous waste into the regulatory system. Previously, these small quantity generators that generate less than 1000 kilograms (or about 2,200 pounds) of hazardous waste in a calendar month had been exempt from most hazardous waste regulations.

The 1986 rules set new requirements specifically for those generators that generate between 100 and 1000 kilograms of hazardous waste in a calendar month. Consequently, there are three categories of hazardous waste generators, shown in Table 3: (1) generators of no more than 100 kilograms month (also known as conditionally-exempt small quantity generators); (2) 100 to 1000 kg mo small quantity generators; and (3) generators of 1000 kilograms or more in a month.

Determining Your Generator Category

To determine which category of hazardous waste generator your business falls into—and what requirements you must meet—you must measure or "count" the hazardous wastes your business generates in a calendar month. In general, you must add up the weight of all the hazardous wastes your business generates during a month; the total weight will determine your generator category. Table 4 summarizes the kinds of wastes you must count and wastes you do not count when you determine your generator status.

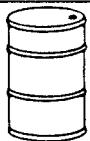
When you begin to count your hazardous wastes each month, it may be confusing at first to determine what kinds of hazardous wastes you generate and how much. If you have questions, call the EPA RCRA Superfund Hotline or your state hazardous waste management agency listed in Appendix A.

If you decide to accumulate hazardous waste until you have collected enough to make transport to a licensed hazardous waste management facility more economical, make sure that:

- You accumulate no more than 6000 kg of hazardous waste in any 180 day period (270 days are allowed if you must transport your waste over 200 miles to a licensed hazardous waste facility) if you are a 100-1000 kg mo generator. Otherwise, you will need to obtain a special storage permit.
- You accumulate no more than 1000 kg of hazardous waste at any time if you are a generator of no more than 100 kg mo.

TABLE 3
CATEGORIES OF HAZARDOUS WASTE GENERATORS

KEY:

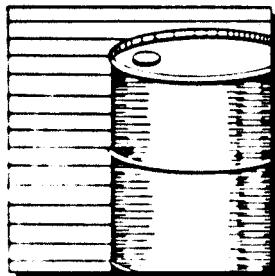


= 1 barrel = about 200 kilograms of hazardous waste
 which is about 55 gallons

Generators of No More Than 100 kg/mo

If you generate no more than 100 kilograms (about 220 pounds or 25 gallons) of hazardous waste and no more than 1 kg (about 2 pounds) of acutely hazardous waste in any calendar month, you are a conditionally-exempt small quantity generator and the federal hazardous waste laws require you to:

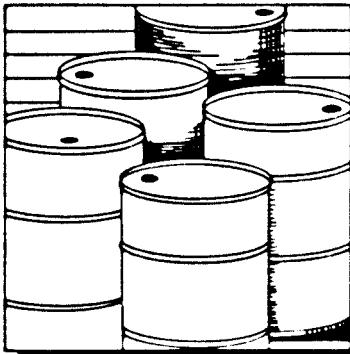
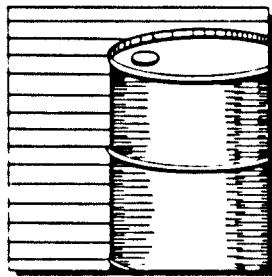
- Identify all hazardous waste you generate.
- Send this waste to a hazardous waste facility, or a landfill or other facility approved by the state for industrial or municipal wastes.
- Never accumulate more than 1000 kg of hazardous waste on your property. (If you do, you become subject to all the requirements applicable to 100-1000 kg/mo generators explained in this handbook.)



100-1000 kg/mo Generators

If you generate more than 100 and less than 1000 kg (between 220 and 2,200 pounds or about 25 to under 300 gallons) of hazardous waste and no more than 1 kg of acutely hazardous waste in any month, you are a 100-1000 kg/mo generator and the federal hazardous waste laws require you to:

- Comply with the 1986 rules for managing hazardous waste, including the accumulation, treatment, storage, and disposal requirements described in this handbook.



Generators of 1000 kg/mo or More

If you generate 1000 kg (about 2,200 pounds or 300 gallons) or more of hazardous waste, or more than 1 kg of acutely hazardous waste in any month, you are a generator of 1000 kg/mo or more and the federal hazardous waste laws require you to:

- Comply with *all* applicable hazardous waste management rules.

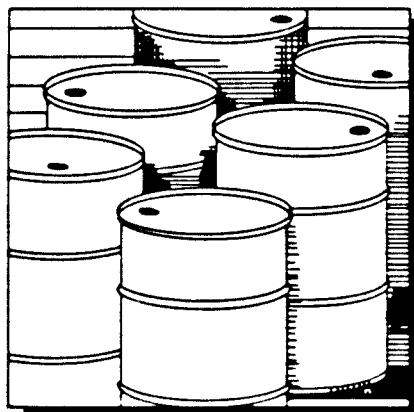


TABLE 4
COUNTING YOUR HAZARDOUS WASTE

Do Count	Don't Count
<p>You do count all quantities of "Listed" and "Characteristic" hazardous wastes as defined on page 2 that you:</p> <ul style="list-style-type: none"> ▶ Accumulate on-site for any period of time prior to subsequent management. ▶ Package and transport off-site. ▶ Place directly in a regulated on-site treatment or disposal unit. ▶ Generate as still bottoms or sludges and remove from product storage tanks. 	<p>You do not have to count wastes that:</p> <ul style="list-style-type: none"> ▶ Are specifically exempted from counting. Examples of these exempted wastes are: <ul style="list-style-type: none"> • spent lead-acid batteries that will be sent off-site for reclamation. • used oil that has not been mixed with hazardous waste. ▶ May be left in the bottom of containers that have been completely emptied through conventional means, for example, by pouring or pumping. Containers that held an acute hazardous waste must be more thoroughly cleaned. ▶ Are left as residue in the bottom of product storage tanks, if the residue is not removed from the product tank. ▶ You reclaim continuously on-site without storing the waste prior to reclamation, such as dry cleaning solvents. (You do have to count any residue removed from the machine as well as spent cartridge filters.) ▶ You manage in an elementary neutralization unit, a totally enclosed treatment unit, or a wastewater treatment unit. An elementary neutralization unit is a regulated tank, container, or transport vehicle (including ships) which is designed to contain and neutralize corrosive wastes. ▶ Are discharged directly to a publicly-owned treatment works (POTW) without being stored or accumulated first. This discharge to a POTW must comply with the Clean Water Act. POTWs are public utilities, usually owned by the city, county, or state, that treat industrial and domestic sewage for disposal. ▶ You have already counted once during the calendar month, and treated on-site or reclaimed in some manner, and used again.

Changing Generator Categories

Under the federal hazardous waste management system, you may be regulated under different rules at different times, depending on the amount of hazardous waste you generate in a given month. For example, if in June, you generate 100 kg or less of hazardous waste, you would be a conditionally-exempt small quantity generator for June. If, in July, your waste totals more than 100 kg but less than 1000 kg, your status changes and your July wastes would be subject to the requirements for 100-1000 kg/mo generators. If in September you generate 1000 kg or more of hazardous waste, your September waste would be subject to all applicable hazardous waste management regulations, as would all other hazardous waste you generated in previous months and mixed with your September wastes.

If, after counting your wastes, you have determined that you never generate more than 100 kg/mo of hazardous waste, you need not read the following chapters. As a conditionally-exempt small quantity generator, you must:

- ▶ Identify your wastes as hazardous.
- ▶ Dispose of them in a hazardous waste facility, or a landfill or other facility approved by the State for industrial or municipal wastes.
- ▶ Never accumulate more than 1000 kg of hazardous waste at your facility, or you become subject to all of the requirements for 100-1000 kg/mo generators.

If, however, you do generate between 100 and 1000 kg of hazardous waste in a month, the remainder of this handbook will explain what you must do to handle your hazardous wastes safely and legally.

Remember, many states have different generator categories and requirements. If you have any questions about your generator status, call your state agency (See Appendix A) for assistance.

CHAPTER 3

OBTAINING A U.S. EPA IDENTIFICATION NUMBER

THE THREE MOST IMPORTANT THINGS YOU SHOULD KNOW ABOUT OBTAINING YOUR EPA ID NUMBER

1. *Call your state agency or EPA regional office to get a notification form.*
2. *Fill out the form and sign it.*
3. *Send the form to the hazardous waste contact listed for your state.*

If your business generates more than 100 kg of hazardous waste in any calendar month, you will need to obtain a U.S. EPA Identification Number. Transporters and facilities that store, treat, or dispose of regulated quantities of hazardous waste must also have U.S. EPA Identification Numbers. These twelve-character identification numbers used by EPA and states are part of a national data base on hazardous waste activities.

To obtain your U.S. EPA Identification Number:

► Call or write your state hazardous waste management agency or EPA regional office (see Appendix A) and ask for a copy of EPA Form 8700-12, "Notification of Hazardous Waste Activity." You will be sent a booklet containing the two-page form and instructions for filling it out. Figure 1 provides a sample copy of a completed notification form to show you the kind of information required. (Note: A few states use a form that is different from the form shown in Figure 1. Your state will send you the appropriate form to complete.)

► Fill in the form with the same kinds of information shown in the sample form in Figure 1. This information covers your "installation" (your business site) and your hazardous wastes. To complete Item X of the form, you need to identify your hazardous waste by the EPA hazardous waste number. Appendix B contains some common waste types generated by small quantity generators, along with their EPA hazardous waste numbers. If you do not understand the informa-

tion in Appendix B, or if you cannot match your wastes with those listed, seek help from one of the sources listed in Appendix A.

► Complete one copy of the form for each of your plant sites or business locations where you generate or handle hazardous wastes. Each site or location will receive its own U.S. EPA Identification Number.

► Make sure your form is filled out completely and correctly and sign the certification in Item XI. Send the form to your state hazardous waste contact. This address is listed in the information booklet you received with the form.

This information will be recorded by EPA and the state, and you will be assigned a U.S. EPA Identification Number. This number will be unique to the site identified on your form. Use this number on all hazardous waste shipping papers.

The U.S. EPA Identification Number will stay with the business site or location. If you move your business to another location, you must notify EPA or the state of your new location and submit a new form. If hazardous waste was previously handled at the new location, and it already has a U.S. EPA Identification Number, you will be assigned that number for the site after you have notified EPA.

FIGURE 1

SAMPLE "NOTIFICATION OF HAZARDOUS WASTE ACTIVITY" FORM*

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only.

Form Approved OMB No. 2050 0028 Expires 9-30-88
GSA No. 0246 EPA 01

United States Environmental Protection Agency Washington, DC 20460		Please refer to the Instructions for Filing Notification before completing this form. The information requested here is required by law (Section 3010 of the Resource Conservation and Recovery Act).	
EPA Notification of Hazardous Waste Activity			
For Official Use Only			
Comments C C			
Installation's EPA ID Number		Approved	Date Received (yr) (mo) (day)
C T/A C F 1			
I. Name of Installation GENERAL METAL PROCESSING CO			
II. Installation Mailing Address Street or P.O. Box 501 MAIN ST			
City or Town		State	ZIP Code
SMALLTOWN		VA 23000	
III. Location of Installation Street or Route Number 501 MAIN ST			
City or Town		State	ZIP Code
SMALLTOWN		VA 23000	
IV. Installation Contact Name and Title (last, first, and job title) JONES WILLIAM MANAGER			
Name and Title (last, first, and job title)		Phone Number (area code and number)	
JONES WILLIAM MANAGER		804 555 0509	
V. Ownership A. Name of Installation & Legal Owner DCE JOSEPHINE			
A. Name of Installation & Legal Owner		B. Type of Ownership (enter code) P	
VI. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. Refer to instructions.)			
A. Hazardous Waste Activity		B. Used Oil Fuel Activities	
<input checked="" type="checkbox"/> 1a Generator <input type="checkbox"/> 2 Transporter <input type="checkbox"/> 3 Treater, Storer/Disposer <input type="checkbox"/> 4 Underground Injection <input type="checkbox"/> 5 Market or Burn Hazardous Waste Fuel (Enter X and mark appropriate boxes below) <input type="checkbox"/> a Generator Marketing to Burner <input type="checkbox"/> b Other Marketer <input type="checkbox"/> c Burner		<input type="checkbox"/> 6 Off Specification Used Oil Fuel (Enter X and mark appropriate boxes below) <input type="checkbox"/> a Generator Marketing to Burner <input type="checkbox"/> b Other Marketer <input type="checkbox"/> c Burner <input type="checkbox"/> 7 Specification Used Oil Fuel Marketer or On-site Burner Who First Claims the Oil Meets the Specification	
VII. Waste Fuel Burning Type of Combustion Device (Enter X in all appropriate boxes to indicate type of combustion devices in which hazardous waste fuel or off specification used oil fuel is burned. See instructions for definitions of combustion devices.)			
<input type="checkbox"/> A Utility Boiler <input type="checkbox"/> B Industrial Boiler <input type="checkbox"/> C Industrial Furnace			
VIII. Mode of Transportation (Transporters only - enter 'X' in the appropriate box(es))			
<input type="checkbox"/> A Air <input type="checkbox"/> B Rail <input type="checkbox"/> C Highway <input type="checkbox"/> D Water <input type="checkbox"/> E Other (Specify)			
IX. First or Subsequent Notification Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.			
<input checked="" type="checkbox"/> A First Notification <input type="checkbox"/> B Subsequent Notification (complete item C)		C Installation's EPA ID Number _____	

EPA Form 8700-12 (Rev. 11-85) Previous edition is obsolete

Continue on reverse

- * Instructions for filling out this form are provided, along with the form, by EPA. Additional information is found in Appendix B of this handbook.



FIGURE 1

SAMPLE "NOTIFICATION OF HAZARDOUS WASTE ACTIVITY" FORM*

(Continued)

ID — For Official Use Only											
C											T/A C
W											1
X. Description of Hazardous Wastes (continued from front)											
A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.											
1	2	3	4	5	6						
F 0 0 8	F 0 1 1										
7	8	9	10	11	12						
B. Hazardous Wastes from Specific Sources. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary											
13	14	15	16	17	18						
K 0 b 9											
19	20	21	22	23	24						
25	26	27	28	29	30						
C. Commercial Chemical Product Hazardous Wastes. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary											
31	32	33	34	35	36	37	38	39	40	41	42
43	44	45	46	47	48						
D. Listed Infectious Wastes. Enter the four-digit number from 40 CFR Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary											
49	50	51	52	53	54						
E. Characteristics of Nonlisted Hazardous Wastes. Mark X in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. (See 40 CFR Parts 261.21 — 261.24)											
<input checked="" type="checkbox"/> 1 Ignitable (D001)			<input type="checkbox"/> 2 Corrosive (D002)			<input type="checkbox"/> 3 Reactive (D003)			<input type="checkbox"/> 4 Toxic (D004)		
XI. Certification											
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.											
Signature			Name and Official Title (Type or Print)			Date Signed					
Josephine K. Doe			JOSEPHINE DOE OWNER			6/1/86					

EPA Form 8700-12 (Rev. 11-85) Reverse

* Instructions for filling out this form are provided, along with the form, by EPA. Additional information is found in Appendix B of this handbook.

CHAPTER 4

MANAGING HAZARDOUS WASTE ON-SITE

THE THREE MOST IMPORTANT THINGS YOU SHOULD KNOW ABOUT MANAGING YOUR HAZARDOUS WASTES ON-SITE

- 1. Comply with storage time, quantity, and handling requirements for containers and tanks.*
- 2. Obtain a storage, treatment, or disposal permit if you store, treat, or dispose of your hazardous waste on-site in a manner requiring a permit.*
- 3. Take adequate precautions to prevent accidents, and be prepared to handle them properly in the event that they do occur.*

Storing Hazardous Waste On-Site

You may store no more than 6000 kg of hazardous waste on your site for up to 180 days, or for up to 270 days if the waste must be shipped to a treatment, storage, or disposal facility that is located over 200 miles away. If you exceed these time or quantity limits, you will be considered a storage facility and you must obtain a storage permit (see below) and meet all of the RCRA storage requirements. These time limits on storage are longer than the 90 days allowed generators of 1000 kg/mo or more. You are allowed to store your waste for as long as 180 or 270 days so that you will have time to accumulate enough hazardous waste to ship it off-site for treatment or disposal economically.

You can store hazardous waste in 55-gallon drums, tanks, or other containers suitable for the type of waste generated if you follow certain common sense rules that are meant to protect human health and the environment, and reduce the likelihood of damages or injuries caused by leaks or spills of hazardous wastes.

If you store your hazardous waste in containers, you must:

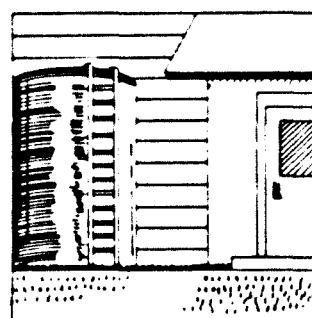
- Clearly mark each container with the words "HAZARDOUS WASTE," and with the date you began to collect waste in that container.



- Keep containers in good condition, handle them carefully, and replace any leaking ones.
- Not store hazardous waste in a container if it may cause rupture, leaks, corrosion, or other failure.
- Keep containers closed except when you fill or empty them.
- Inspect the container for leaks or corrosion every week.
- Make sure that if you are storing ignitable or reactive wastes, containers are placed as far as possible from your facility property line to create a buffer zone.
- NEVER store wastes in the same container that could react together to cause fires, leaks, or other releases.
- Make sure that the stored waste is taken off-site or treated on-site within 180 (or 270) days.

If you store your waste in tanks, you must follow similar common sense rules:

- Do not store hazardous waste in a tank if it may cause rupture, leaks, corrosion, or otherwise cause the tank to fail.



- ▶ Keep a tank covered or provide at least two feet of freeboard (space at the top of the tank) in uncovered tanks.
- ▶ If your tanks have equipment that allow the waste to flow into them continuously, provide waste feed cutoff or bypass systems to stop the flow in case of problems.
- ▶ Inspect any monitoring or gauging systems on each operating day and inspect the tanks themselves for leaks or corrosion every week.
- ▶ Use the National Fire Protection Association's (NFPA) buffer zone requirements for tanks containing ignitable or reactive wastes. These requirements specify distances considered as safe buffer zones for various liquids based on the characteristics of all combustible and flammable liquids. Call your local fire department or EPA regional office (see Appendix A) if you need help.
- ▶ Make sure that the stored waste is taken off-site or treated on-site within 180 (or 270) days.

Treating Hazardous Waste On-Site

You may treat your hazardous wastes on your site without a special permit providing:

- ▶ You treat the accumulated hazardous waste within 180 (or 270) days.
- ▶ You comply with the container and tank regulations described above.
- ▶ You take steps to prepare for and prevent accidents as described below.

If you do not meet each of these requirements and you treat your hazardous wastes on your site, you must obtain a hazardous waste treatment permit as described below.

Disposing of Hazardous Waste On-Site

You may not dispose of your hazardous waste on your site unless you have obtained a disposal permit as described below. Under certain circumstances, it may be legal to dispose of certain types of hazardous waste on your site without a permit. Farmers may dispose of their own waste pesticide provided they triple rinse the empty pesticide container and dispose of the pesticide residue on their own farm in a manner consistent with the instructions on the pesticide label. Even if you are not a farmer, you may be allowed to dispose of certain hazardous wastes by discharging them directly into your sewer drain. However, this is not considered good management practice and in many communities it may be illegal. For more information concerning wastes which may be disposed of in this manner, contact your local wastewater or sewage treatment office or your state hazardous waste management agency (see Appendix A).

Obtaining a Permit to Store, Treat, or Dispose of Hazardous Waste On-Site

If you store, treat, or dispose of your hazardous waste on-site in any manner other than those permissible ones described above, you must obtain a permit. Obtaining a permit to store, treat, or dispose of your hazardous wastes on your site can be a costly and time consuming process. The process is described in Title 40 of the Code of Federal Regulations (40 CFR) Part 270. To obtain such a permit you must:

- ▶ Notify EPA or your state of your hazardous waste activity.
- ▶ Complete Part A of the permit application.
- ▶ Comply with the interim status standards as described in 40 CFR Part 265.
- ▶ Complete Part B of the permit application.
- ▶ Comply with the standards described in 40 CFR Parts 264 and 266.

If you are not sure whether you need such a permit, or if you are interested in finding out more about it, call your state hazardous waste management agency or EPA regional office (see Appendix A) for help.

Preparing for and Preventing Accidents

Whenever you generate hazardous waste and store it on-site, you must take the precautions and steps necessary to prevent any sudden or accidental release to the environment. This means that you must carefully operate and maintain your facility to reduce the possibility of fire, explosion, or release of hazardous waste.

Your facility must have appropriate types of emergency communication and fire equipment for the kinds of waste handled at your site. You must also attempt to make arrangements with local fire, police, or hospital officials as needed to ensure that they will be able to respond to any potential emergencies that could arise. Some of the steps you may need to take to prepare for emergencies at your facility include:

- ▶ Installing and maintaining emergency equipment such as an alarm, a telephone or a two-way portable radio, fire extinguishers (using water, foam, inert gas, or dry chemicals as appropriate to your waste type), hoses, automatic sprinklers, or spray equipment in your plant so that it is immediately available to your employees if there is an emergency.
- ▶ Providing enough room for emergency equipment and response teams to get into any area in your facility in the event of an emergency.
- ▶ Writing to local fire, police, and hospital officials or state or local emergency response teams explaining the types of wastes you handle and asking for their cooperation and assistance in handling emergency situations.

Planning for Emergencies

A contingency plan is a plan that attempts to look ahead and prepare for any accidents that could possibly occur. It can be thought of as a set of answers to a series of "what if" questions. For example: "What if there is a fire in the area where hazardous waste is stored?" or "What if I have a spill of hazardous waste or one of my containers leaks?" Emergency procedures are the steps you should follow if you have an emergency, that is, if one of the "contingencies" or "what ifs" occurs. While a specific written contingency plan is not required, it may be a good idea to make a list of these questions and answer them on paper. This also may be helpful in informing your employees about their responsibilities in the event of an emergency.

If you have an emergency in your plant:

1. In the event of a fire, call the fire department or attempt to extinguish it using the appropriate type of fire extinguisher.
2. In the event of a spill, contain the flow of hazardous waste to the extent possible and notify the National Response Center. The Center operates a 24-hour toll free number: 800-424-8802, or in Washington, D.C.: 426-2675. As soon as possible, clean up the hazardous waste and any contaminated materials or soil.
3. In the event of a fire, explosion, or other release, immediately notify the National Response Center as required by Superfund regulations. (Superfund is the law that deals with the cleanup of spills and leaks of hazardous waste at abandoned hazardous waste sites.)

Emergency phone numbers and locations of emergency equipment must be posted near telephones and all employees must know proper waste handling and emergency procedures. You must appoint an employee to act as emergency coordinator to ensure that emergency procedures are carried

out in the event an emergency arises. The responsibilities of the emergency coordinator are generally that he/she be available 24 hours a day (at the facility or by phone) and know whom to contact and what steps to follow in an emergency. For most small businesses, the owner or operator may already perform these functions. Thus, it is not intended nor is it likely that you will need to hire a new employee to fill this role.

It is important to avoid potential risks in this area. If you have a serious emergency and you have to call your local fire department or you have a spill that extends outside your plant or that could reach surface waters, IMMEDIATELY CALL THE NATIONAL RESPONSE CENTER (800-424-8802) AND GIVE THEM THE INFORMATION THEY ASK FOR. If you didn't need to call, they will tell you so. BUT ANYONE WHO WAS SUPPOSED TO CALL AND DOES NOT IS SUBJECT TO A \$10,000 FINE, A YEAR IN JAIL, OR BOTH. An owner or manager of a business who fails to report a release also may have to pay for the entire cost of repairing any damage, even if the facility was not the single or the main cause of the damage.

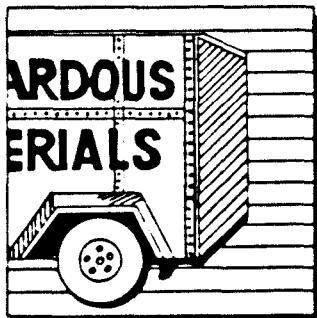
**THE THREE MOST IMPORTANT THINGS YOU
SHOULD REMEMBER ABOUT SHIPPING YOUR
HAZARDOUS WASTE OFF-SITE**

- 1. Choose a hauler and facility which have
EPA identification numbers.*
- 2. Package and label your wastes for shipping.*
- 3. Prepare a hazardous waste manifest.*

Under federal regulations, if you are a 100-1000 kg/mo generator, you are allowed to accumulate your hazardous wastes on your premises without a permit for up to 180 days (or 270 days if you must ship it more than 200 miles) as long as you never accumulate more than 6000 kilograms. These limits are set so that a small business can accumulate enough waste to make shipping and disposal more economical.

**Choosing a Hazardous Waste Hauler and
Designated Waste Management Facility**

Carefully choosing a hauler and designating a waste management facility is important. The hauler will be handling your wastes beyond your control while you are still responsible for their proper management. Similarly, the waste management facility will be the final destination of your hazardous waste for treatment, storage, or disposal. Before choosing a hauler or designating a facility, check with the following sources:



- ▶ Your friends and colleagues in business who may have used a specific hazardous waste hauler or designated facility in the past.
- ▶ Your trade association(s) which may keep a file on companies that handle hazardous wastes.
- ▶ Your Better Business Bureau or Chamber of Commerce to find out if any complaints have been registered against a hauler or facility.

- ▶ Your state hazardous waste management agency or EPA regional office, which will be able to tell you whether or not a company has a U.S. EPA Identification Number, and may know whether or not the company has had any problems.

After checking these sources, contact the hauler and designated hazardous waste management facility directly to verify that they have U.S. EPA Identification Numbers, and that they can and will handle your waste. Also make sure that they have the necessary permits and insurance, and that the hauler's vehicles are in good condition. Checking sources and choosing a hauler and designated facility may take some time—try to begin checking well ahead of the time you will need to ship your waste. Careful selection is very important.

**Preparing Your Hazardous Wastes
for Shipment**

When you prepare hazardous wastes for shipment, you must put the wastes in containers acceptable for transportation and make sure the containers are properly labeled. Your hauler should be able to assist you. If you need additional information, you may wish to consult the requirements for packaging and labeling hazardous wastes found in the Department of Transportation (DOT) regulations (49 CFR Part 172). To find out what these requirements are for your wastes, you should contact your state hazardous waste management agency for the name and telephone number of your state transportation agency. Your state transportation agency, your hauler, or your designated facility can help you understand the DOT requirements.

The Uniform Hazardous Waste Manifest

A hazardous waste manifest is a multicopy shipping document that you must fill out and use to accompany your hazardous waste shipments.¹

The manifest form is designed so that shipments of hazardous waste can be tracked from their point of generation to their final destination—the so-called “cradle-to-grave” system. The hazardous waste generator, the hauler, and the designated facility must each sign this document and keep a copy. The designated facility operator also must send a copy back to you, so that you can be sure that your shipment arrived. You must keep this copy, which will be signed by the hauler and designated facility, on file for three years.

If you do not receive a signed copy from the designated hazardous waste management facility within 30 days, it is a good idea for you to find out why and, if necessary, let the state or EPA know. **REMEMBER:** Just because you have shipped the hazardous waste off your site and it is no longer in your possession, your liability has not ended. You are potentially liable under Superfund for any mismanagement of your hazardous waste. The manifest will help you to track your waste during shipment and make sure it arrives at the proper destination.

You can obtain blank copies of the manifest from several sources. To determine which source you should use, use this system:

1. If the state to which you are shipping your waste has its own manifest, use that manifest form. Contact the hazardous waste management agency of that state (see Appendix A), your hauler, or the designated facility you intend to use for manifest forms.

¹There is an exception to this requirement. You may be able to use a contract recycling agreement instead of a manifest. For more information about this, contact one of the information sources identified in Appendix A.

2. If the state to which you are shipping your waste does not have its own manifest, use the manifest of the state in which your waste was generated. Contact your hauler or your state hazardous waste agency for blank forms.
3. If neither state requires a state-specific manifest, you may use the “general” Uniform Hazardous Waste Manifest—EPA Form 8700-22. Copies are available from some haulers and designated hazardous waste management facilities, or may be purchased from some commercial printers.

A sample copy of a hazardous waste manifest has been filled out for you in Figure 2. When you sign the certification in ITEM 16 you are personally confirming that:

- The manifest is complete and accurately describes the shipment.
- The shipment is ready for transport.
- You have considered whether, given your budget, your waste management arrangements are the best to reduce the amount and hazardous nature of your wastes.

States, haulers, recyclers, and designated facilities may require additional information; check with them before you prepare a hazardous waste shipment. Your hazardous waste hauler often will be the best source for packaging and shipping information and will help in completing the manifest. EPA has also prepared some industry-specific information to help you in completing the manifest. This industry-specific information is available from EPA Regional Offices and a number of trade associations. If you have any trouble obtaining, filling out, or using the manifest, ask your hauler, your designated facility operator, or one of the contacts listed in Appendix A for help.

Federal regulations allow you to haul your hazardous waste to a designated facility yourself. You must, however, obtain an EPA transporter identification number and comply with applicable DOT requirements for packaging, labeling, mark-

FIGURE 2

SAMPLE "UNIFORM HAZARDOUS WASTE MANIFEST" FORM*

Please print or type		Form designed for use on elite 112 pitch typewriter		Form Approved OMB No. 2000-0404 Expires 7-31-86				
UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA ID No	Manifest Document No.	2 Page 1 of	Information in the shaded areas is not required by Federal law			
3 Generator's Name and Mailing Address GENERAL METAL PROCESSING CO. 501 MAIN ST. SMALLTOWN, VA 23000		4 Generator's Phone 1 804 555-0509		A State Manifest Document Number				
5 Transporter 1 Company Name SAFETY HAULER		6 US EPA ID Number IV A D E 0 8 9 1 2 3 4 5	7 Transporter 2 Company Name		B State Generator's ID			
8 Designated Facility Name and Site Address DISPOS-ALL, INC 1800 NORTH AVE FRIENDLY TOWN, VA 23000		9 US EPA ID Number IV A D D 0 6 7 8 9 1 2 3	10 US EPA ID Number		C State Transporter's ID			
11 US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number): HAZARDOUS WASTE, LIQUID OR SOLID, NOS ORM-E, NA9189		12 Containers		13 total	14 Unit	15	Waste No	
16		No	Type	Quantity	Wt	Vol		
b WASTE CYANIDE SOLUTION, NOS UN1935		10021DMCC112EAH						
c WASTE FLAMMABLE LIQUID, NOS UN1993		10011DM100055EAH						
d		10011DM100055EAH						
17 Additional Descriptions for Materials Listed Above		18 Handling Codes for Wastes Listed Above						
19 Specific Handling Instructions and Additional Information								
20 GENERATOR'S CERTIFICATION I hereby declare that the contents of this consignment are fully and accurately described above in proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations		Signature						
Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment		Signature						
Printed/Typed Name JOSEPHINE K. DUE		Signature <i>Josephine K. Due</i>		Month Day Year 12-8-13-18				
21 Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month Day Year				
Printed/Typed Name		Signature		Month Day Year				
22 Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year				
Printed/Typed Name		Signature		Month Day Year				
23 Discrepancy Indication Space								
24 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest, except as noted in Item 19		Signature		Month Day Year				
Printed/Typed Name		Signature		Month Day Year				

EPA Form 8700-22 (Rev. 4-86) Previous edition is obsolete

*Information in the shaded areas is not required by Federal law, but this or other additional information may be required by your state.

ing, and placarding your shipment. There are also financial responsibility and liability requirements under the Federal Motor Carrier Act, but you may be exempt from these if you:

1. Use a vehicle with a Gross Vehicle Weight Rating of less than 10,000 pounds (van or pick-up truck).
2. Transport your wastes for commerce within your state in non-bulk shipments (i.e. containers with capacities of less than 3,500 gallons).
3. Transport hazardous wastes which meet the "limited quantity exclusion" requirements of Section 172.101 of the DOT regulations.

If you decide to transport your own hazardous wastes, call your state hazardous waste management agency (See Appendix A) to find out what state regulations apply to you. Not all states will allow you to transport your own hazardous wastes. You should also note that if you have an accident during transport, you are responsible for the clean-up.

**THE FOUR MOST IMPORTANT THINGS
YOU SHOULD REMEMBER ABOUT
MANAGING YOUR WASTES PROPERLY**

- 1. Reduce the amount of your hazardous waste.*
- 2. Conduct your own self-inspection.*
- 3. Cooperate with state and local inspectors.*
- 4. Call your state hazardous waste management agency or the U.S. EPA with your questions.*

Good hazardous waste management can be thought of simply as using "good housekeeping" practices such as: using and reusing materials as much as possible; recycling or reclaiming waste; treating waste to reduce its hazards; or reducing the amount of waste you generate. To reduce the amount of waste you generate:

- Do not mix nonhazardous wastes with hazardous ones. For example, do not put nonhazardous cleaning agents or rags in the same container as a hazardous solvent or the entire contents becomes subject to the hazardous waste regulations.
- Avoid mixing several different hazardous wastes. Doing so may make recycling very difficult, if not impossible, or make disposal more expensive.
- Avoid spills or leaks of hazardous products. (The materials used to clean up such spills or leaks also will become hazardous.)
- Make sure the original containers of hazardous products are completely empty before you throw them away. Use **ALL** the product.
- Avoid using more of a hazardous product than you need. For example, use no more degreasing solvent or pesticide than you need to do the job. Also, do not throw away a container with unused solvent or pesticide in it.

Reducing your hazardous waste means saving money on raw materials and reducing the costs to your business for managing and disposing of your hazardous wastes.

Another aspect of "good housekeeping" is cooperating with inspection agencies and using a visit by an inspector as an opportunity to identify and correct problems. Accompanying state or local inspectors on a tour of your facility will enable you to ask any questions you may have and receive advice on more effective ways of handling your hazardous products and wastes. In addition, guiding the inspectors through your property and explaining your operations may help them to be more sensitive to the particular problems or needs of your business. Inspectors can also serve as a valuable source of information on recordkeeping, manifests, and safety requirements specific to your facility.

The best way to prepare for a visit from an inspector is to conduct your own self-inspection. This handbook can serve as a basic guide to developing a self-inspection checklist. Make sure you can answer correctly the following questions, and make sure you have met the requirements described in the handbook:

- Do you have some documentation on the **AMOUNTS** and **KINDS** of hazardous waste you generate and on how you determined that they are hazardous?
- Do you have a **U.S. EPA IDENTIFICATION NUMBER**?
- Do you **SHIP** waste **OFF-SITE**? If so, by which **HAULER** and to which **DESIGNATED HAZARDOUS WASTE MANAGEMENT FACILITY**?
- Do you have copies of **MANIFESTS** used to ship your hazardous waste off-site? Are they filled out correctly? Have they been signed by the designated facility?

- Is your hazardous waste stored in the **PROPER CONTAINERS?**
- Are the containers properly **DATED** and **MARKED?**
- Have you designated an **EMERGENCY COORDINATOR?**
- Have you posted **EMERGENCY TELEPHONE NUMBERS** and the location of **EMERGENCY EQUIPMENT?**
- Are your **EMPLOYEES** thoroughly **FAMILIAR** with proper waste handling and emergency procedures?
- Do you understand when you may need to contact the **NATIONAL RESPONSE CENTER?**

Remember: If you are still uncertain about how to handle your hazardous waste, or have any questions concerning the rules for 100-1000 kg/mo generators, there are several sources listed in Appendix A that you can contact for answers. Taking responsibility for proper handling of hazardous waste will not only ensure a safer environment and workplace for everyone, but will save your business money. So write or call your state hazardous waste management agency or the U.S. EPA with your questions today.

APPENDIX A
EPA AND STATE HAZARDOUS WASTE CONTACTS
FOR ASSISTANCE

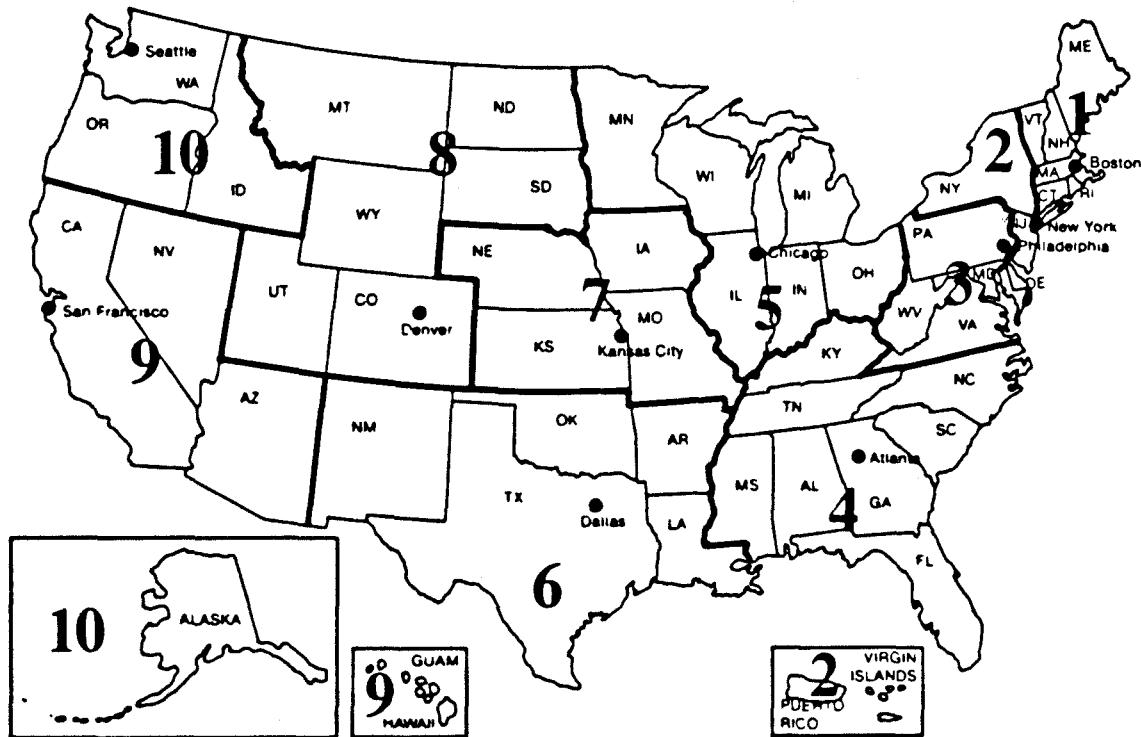
RCRA/Superfund Hotline
1-800-424-9346

(In Washington, D.C.: 382-3000)

EPA Small Business Ombudsman
Hotline 1-800-368-5888
(In Washington, D.C.: 557-1938)

National Response Center
1-800-424-8802

(In Washington, D.C.: 426-2675)



Regions

- 4 — Alabama
- 10 — Alaska
- 9 — Arizona
- 6 — Arkansas
- 9 — California
- 8 — Colorado
- 1 — Connecticut
- 3 — Delaware
- 3 — D.C.
- 4 — Florida
- 4 — Georgia
- 9 — Hawaii
- 10 — Idaho
- 5 — Illinois

Regions

- 5 — Indiana
- 7 — Iowa
- 7 — Kansas
- 4 — Kentucky
- 6 — Louisiana
- 1 — Maine
- 3 — Maryland
- 1 — Massachusetts
- 5 — Michigan
- 5 — Minnesota
- 4 — Mississippi
- 7 — Missouri
- 8 — Montana
- 7 — Nebraska

Regions

- 9 — Nevada
- 1 — New Hampshire
- 2 — New Jersey
- 6 — New Mexico
- 2 — New York
- 4 — North Carolina
- 8 — North Dakota
- 5 — Ohio
- 6 — Oklahoma
- 10 — Oregon
- 3 — Pennsylvania
- 1 — Rhode Island
- 4 — South Carolina
- 8 — South Dakota

Regions

- 4 — Tennessee
- 6 — Texas
- 8 — Utah
- 1 — Vermont
- 3 — Virginia
- 10 — Washington
- 3 — West Virginia
- 5 — Wisconsin
- 8 — Wyoming
- 9 — American Samoa
- 9 — Guam
- 2 — Puerto Rico
- 2 — Virgin Islands

U.S. EPA REGIONAL OFFICES

EPA Region I

State Waste Programs Branch
JFK Federal Building
Boston, Massachusetts 02203
(617) 223-3468
Connecticut, Massachusetts, Maine,
New Hampshire, Rhode Island, Vermont

EPA Region II

Air and Waste Management Division
26 Federal Plaza
New York, New York 10278
(212) 264-5175
New Jersey, New York, Puerto Rico,
Virgin Islands

EPA Region III

Waste Management Branch
841 Chestnut Street
Philadelphia, Pennsylvania 19107
(215) 597-9336
Delaware, Maryland, Pennsylvania,
Virginia, West Virginia,
District of Columbia

EPA Region IV

Hazardous Waste Management Division
345 Courtland Street, N.E.
Atlanta, Georgia 30365
(404) 347-3016
Alabama, Florida, Georgia,
Kentucky, Mississippi, North
Carolina, South Carolina, Tennessee

EPA Region V

RCRA Activities
230 South Dearborn Street
Chicago, Illinois 60604
(312) 353-2000
Illinois, Indiana, Michigan,
Minnesota, Ohio, Wisconsin

EPA Region VI

Air and Hazardous Materials Division
1201 Elm Street
Dallas, Texas 75270
(214) 767-2600
Arkansas, Louisiana, New Mexico,
Oklahoma, Texas

EPA Region VII

RCRA Branch
726 Minnesota Avenue
Kansas City, Kansas 66101
(913) 236-2800
Iowa, Kansas, Missouri, Nebraska

EPA Region VIII

Waste Management Division (8HWM-ON)
One Denver Place
999 18th Street, Suite 1300
Denver, Colorado 80202-2413
(303) 293-1502
Colorado, Montana, North Dakota,
South Dakota, Utah, Wyoming

EPA Region IX

Toxics and Waste Management Division
215 Fremont Street
San Francisco, California 94105
(415) 974-7472
Arizona, California, Hawaii,
Nevada, American Samoa, Guam,
Trust Territories of the Pacific

EPA Region X

Waste Management Branch—MS-530
1200 Sixth Avenue
Seattle, Washington 98101
(206) 442-2777
Alaska, Idaho, Oregon, Washington

STATE HAZARDOUS WASTE MANAGEMENT AGENCIES**ALABAMA**

Alabama Department of Environmental Management
Land Division
1751 Federal Drive
Montgomery, Alabama 36130
(205) 271-7730

ALASKA

Department of Environmental Conservation
P.O. Box 0
Juneau, Alaska 99811
Program Manager: (907) 465-2666
Northern Regional Office
(Fairbanks): (907) 452-1714
South-Central Regional Office
(Anchorage): (907) 274-2533
Southeast Regional Office
(Juneau): (907) 789-3151

AMERICAN SAMOA

Environmental Quality Commission
Government of American Samoa
Pago Pago, American Samoa 96799
Overseas Operator
(Commercial Call (684) 663-4116)

ARIZONA

Arizona Department of Health Services
Office of Waste and Water Quality
2005 North Central Avenue
Room 304
Phoenix, Arizona 85004
Hazardous Waste Management: (602) 255-2211

ARKANSAS

Department of Pollution Control and Ecology
Hazardous Waste Division
P O Box 9583
8001 National Drive
Little Rock, Arkansas 72219
(501) 562-7444

CALIFORNIA

Department of Health Services
Toxic Substances Control Division
714 P Street, Room 1253
Sacramento, California 95814
(916) 324-1826

State Water Resources Control Board
Division of Water Quality
P.O. Box 100
Sacramento, California 95801
(916) 322-2867

COLORADO

Colorado Department of Health
Waste Management Division
4210 E. 11th Avenue
Denver, Colorado 80220
(303) 320-8333 Ext. 4364

CONNECTICUT

Department of Environmental Protection
Hazardous Waste Management Section
State Office Building
165 Capitol Avenue
Hartford, Connecticut 06106
(203) 566-8843, 8844

Connecticut Resource Recovery Authority
179 Allyn Street, Suite 603
Professional Building
Hartford, Connecticut 06103
(203) 549-6390

DELAWARE

Department of Natural Resources and Environmental Control
Waste Management Section
P.O. Box 1401
Dover, Delaware 19903
(302) 736-4781

DISTRICT OF COLUMBIA

Department of Consumer and Regulatory Affairs
Pesticides and Hazardous Waste Materials Division
Room 114
5010 Overlook Avenue, S.W.
Washington, D.C. 20032
(202) 767-8414

FLORIDA

Department of Environmental Regulation
Solid and Hazardous Waste Section
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301
RE: SOG's
(904) 488-0300

GEORGIA

Georgia Environmental Protection Division
Hazardous Waste Management Program
Land Protection Branch
Floyd Towers East, Suite 1154
205 Butler Street, S.E.
Atlanta, Georgia 30334
(404) 656-2833
Toll Free: (800) 334-2373

GUAM

Guam Environmental Protection Agency
P O Box 2999
Agana, Guam 96910
Overseas Operator
(Commercial Call (671) 646-7579)

HAWAII

Department of Health
Environmental Health Division
P.O. Box 3378
Honolulu, Hawaii 96801
(808) 548-4383

APPENDIX A

IDAHO

Department of Health and Welfare
Bureau of Hazardous Materials
450 West State Street
Boise, Idaho 83720
(208) 334-5879

ILLINOIS

Environmental Protection Agency
Division of Land Pollution Control
2200 Churchill Road, #24
Springfield, Illinois 62706
(217) 782-6761

INDIANA

Department of Environmental
Management
Office of Solid and Hazardous Waste
105 South Meridian
Indianapolis, Indiana 46225
(317) 232-4535

IOWA

U.S. EPA Region VII
Hazardous Materials Branch
726 Minnesota Avenue
Kansas City, Kansas 66101
(913) 236-2888
Iowa RCRA Toll Free:
(800) 223-0425

KANSAS

Department of Health and
Environment
Bureau of Waste Management
Forbes Field, Building 321
Topeka, Kansas 66620
(913) 862-9360 Ext. 292

KENTUCKY

Natural Resources and
Environmental Protection Cabinet
Division of Waste Management
18 Reilly Road
Frankfort, Kentucky 40601
(502) 564-6716

LOUISIANA

Department of Environmental
Quality
Hazardous Waste Division
P.O. Box 44307
Baton Rouge, Louisiana 70804
(504) 342-1227

MAINE

Department of Environmental
Protection
Bureau of Oil and Hazardous
Materials Control
State House Station #17
Augusta, Maine 04333
(207) 289-2651

MARYLAND

Department of Health and Mental
Hygiene
Maryland Waste Management
Administration
Office of Environmental Programs
201 West Preston Street, Room A3
Baltimore, Maryland 21201
(301) 225-5709

MASSACHUSETTS

Department of Environmental
Quality Engineering
Division of Solid and Hazardous
Waste
One Winter Street, 5th Floor
Boston, Massachusetts 02108
(617) 292-5589
(617) 292-5851

MICHIGAN

Michigan Department of Natural
Resources
Hazardous Waste Division
Waste Evaluation Unit
Box 30028
Lansing, Michigan 48909
(517) 373-2730

MINNESOTA

Pollution Control Agency
Solid and Hazardous Waste Division
1935 West County Road, B-2
Roseville, Minnesota 55113
(612) 296-7282

MISSISSIPPI

Department of Natural Resources
Division of Solid and Hazardous
Waste Management
P.O. Box 10385
Jackson, Mississippi 39209
(601) 961-5062

MISSOURI

Department of Natural Resources
Waste Management Program
P.O. Box 176
Jefferson City, Missouri 65102
(314) 751-3176
Missouri Hotline:
(800) 334-6946

MONTANA

Department of Health and
Environmental Sciences
Solid and Hazardous Waste Bureau
Cogswell Building, Room B-201
Helena, Montana 59620
(406) 444-2821

NEBRASKA

Department of Environmental
Control
Hazardous Waste Management
Section
P.O. Box 94877
State House Station
Lincoln, Nebraska 68509
(402) 471-2186

NEVADA

Division of Environmental Protection
Waste Management Program
Capitol Complex
Carson City, Nevada 89710
(702) 885-4670

NEW HAMPSHIRE

Department of Health and Human
Services
Division of Public Health Services
Office of Waste Management
Health and Welfare Building
Hazen Drive
Concord, New Hampshire 03301-6527
(603) 271-4608

NEW JERSEY

Department of Environmental Protection
Division of Waste Management
32 East Hanover Street, CN-028
Trenton, New Jersey 08625
Hazardous Waste Advisement Program: (609) 292-8341

NEW MEXICO

Environmental Improvement Division
Ground Water and Hazardous Waste Bureau
Hazardous Waste Section
P.O. Box 968
Santa Fe, New Mexico 87504-0968
(505) 827-2922

NEW YORK

Department of Environmental Conservation
Bureau of Hazardous Waste Operations
50 Wolf Road, Room 209
Albany, New York 12233
(518) 457-0530
SQG Hotline: (800) 631-4X66

NORTH CAROLINA

Department of Human Resources
Solid and Hazardous Waste Management Branch
P O Box 2091
Raleigh, North Carolina 27602
(919) 733-2178

NORTH DAKOTA

Department of Health
Division of Hazardous Waste Management and Special Studies
1200 Missouri Avenue
Bismarck, North Dakota 58502-5520
(701) 224-2366

**NORTHERN MARIANA ISLANDS,
COMMONWEALTH OF**

Department of Environmental and Health Services
Division of Environmental Quality
P.O. Box 1304
Saipan, Commonwealth of Mariana Islands 96950
Overseas call (670) 234-6984

OHIO

Ohio EPA
Division of Solid and Hazardous Waste Management
361 East Broad Street
Columbus, Ohio 43266-0558
(614) 466-7220

OKLAHOMA

Waste Management Service
Oklahoma State Department of Health
P.O. Box 53551
Oklahoma City, Oklahoma 73152
(405) 271-5338

OREGON

Hazardous and Solid Waste Division
P.O. Box 1760
Portland, Oregon 97207
(503) 229-6534
Toll Free: (800) 452-4011

PENNSYLVANIA

Bureau of Waste Management
Division of Compliance Monitoring
P.O. Box 2063
Harrisburg, Pennsylvania 17120
(717) 787-6239

PUERTO RICO

Environmental Quality Board
P O Box 11488
Santurce, Puerto Rico 00910-1488
(809) 723-8184
- or -
EPA Region II
Air and Waste Management Division
26 Federal Plaza
New York, New York 10278
(212) 264-5175

RHODE ISLAND

Department of Environmental Management
Division of Air and Hazardous Materials
Room 204, Cannon Building
75 Davis Street
Providence, Rhode Island 02908
(401) 277-2797

SOUTH CAROLINA

Department of Health and Environmental Control
Bureau of Solid and Hazardous Waste Management
2600 Bull Street
Columbia, South Carolina 29201
(803) 734-5200

SOUTH DAKOTA

Department of Water and Natural Resources
Office of Air Quality and Solid Waste
Foss Building, Room 217
Pierre, South Dakota 57501
(605) 773-3153

TENNESSEE

Division of Solid Waste Management
Tennessee Department of Public Health
701 Broadway
Nashville, Tennessee 37219-5403
(615) 741-3424

TEXAS

Texas Water Commission
Hazardous and Solid Waste Division
Attn: Program Support Section
1700 North Congress
Austin, Texas 78711
(512) 463-7761

UTAH

Department of Health
Bureau of Solid and Hazardous Waste Management
P.O. Box 16700
Salt Lake City, Utah 84116-0700
(801) 538-6170

APPENDIX A

VERMONT

Agency of Environmental
Conservation
103 South Main Street
Waterbury, Vermont 05676
(802) 244-8702

VIRGIN ISLANDS

Department of Conservation and
Cultural Affairs
P.O. Box 4399
Charlotte Amalie, St. Thomas
Virgin Islands 00801
(809) 774-3320

- or -

EPA Region II
Air and Waste Management Division
26 Federal Plaza
New York, New York 10278
(212) 264-5175

VIRGINIA

Department of Health
Division of Solid and Hazardous
Waste Management
Monroe Building, 11th Floor
101 North 14th Street
Richmond, Virginia 23219
(804) 225-2667
Hazardous Waste Hotline:
(800) 552-2075

WASHINGTON

Department of Ecology
Solid and Hazardous Waste Program
Mail Stop PV-11
Olympia, Washington 98504-8711
(206) 459-6322
In-State 1-800-633-7585

WEST VIRGINIA

Division of Water Resources
Solid and Hazardous Waste
Ground Water Branch
1201 Greenbrier Street
Charleston, West Virginia 25311

WISCONSIN

Department of Natural Resources
Bureau of Solid Waste Management
P.O. Box 7921
Madison, Wisconsin 53707
(608) 266-1327

WYOMING

Department of Environmental Quality
Solid Waste Management Program
122 West 25th Street
Cheyenne, Wyoming 82002
(307) 777-7752

- or -

EPA Region VIII
Waste Management Division
(8HWM-ON)
One Denver Place
999 18th Street
Suite 1300
Denver, Colorado 80202-2413
(303) 293-1502

APPENDIX B

EPA HAZARDOUS WASTE NUMBERS FOR WASTE STREAMS COMMONLY GENERATED BY SMALL QUANTITY GENERATORS

The Environmental Protection Agency recognizes that generators of small quantities of hazardous waste, many of which are small businesses, may not be familiar with the manner in which hazardous waste materials are identified. This Appendix has been assembled to aid 100-1000 kg/mo small quantity generators in determining the EPA Hazardous Waste Numbers for their wastes. These numbers are needed to complete the "Notification of Hazardous Waste Activity," Form 8700-12.

This Appendix contains lists of EPA Hazardous Waste Numbers for each waste stream identified in Table 2 in Chapter 1 of the handbook. Note that acutely hazardous wastes are identified with an asterisk (*).

To Use This Appendix

1. Locate your business type in Table 2 in Chapter 1. This will help you to identify the waste streams common to your activities.
2. Find each of the waste streams that you identified in Table 2 in the more detailed descriptions in this Appendix. Review the more detailed descriptions of typical wastes to determine which waste streams actually result from your activities.
3. If you determine that you actually do generate a particular waste stream, report the four-digit EPA Hazardous Waste Number in Item X of Form 8700-12, "Notification of Hazardous Waste Activity."

The specific instructions for completing Item X (Description of Hazardous Wastes) of the notification form are included in the notification package. You should note, however, that specific EPA Hazardous Waste Numbers beginning with:

- "F" should be entered in Item X, Section A.
- "K" should be entered in Item X, Section B.
- "P" or "U" should be entered in Item X, Section C.
- "D" should be entered in Item X, Section E.

The industries and waste streams described here do not provide a comprehensive list, but rather serve as a guide to potential small quantity generators in determining which of their wastes, if any, are hazardous. Except for the pesticide and wood preserving categories, this Appendix does not include EPA Hazardous Waste Numbers for commercial chemical products that are hazardous when discarded unused. These chemicals and their EPA Hazardous Waste Numbers are listed in Title 40 of the Code of Federal Regulations (40 CFR) in Section 261.33.

If the specific EPA Hazardous Waste Number that should be applied to your waste stream is unclear, please refer to 40 CFR Part 261, reprinted in the Notification Form 8700-12 package. In those cases where more than one EPA Hazardous Waste Number is applicable, all should be used. If you have any questions, or if you are unable to determine the proper EPA Hazardous Waste Numbers for your wastes, contact your state hazardous waste management agency, or the RCRA/Superfund Hotline (see Appendix A).

Solvents:

Solvents, spent solvents, solvent mixtures, or solvent still bottoms are often hazardous. This includes solvents used in degreasing (identified as F001) and paint brush cleaning and distillation residues from reclamation. The following are some commonly used hazardous solvents (also see ignitable wastes for other hazardous solvents, and 40 CFR 261.31 for most listed hazardous waste solvents):

Benzene	F005
Carbon Disulfide	F005
Carbon Tetrachloride	F001
Chlorobenzene	F002
Cresols	F004
Cresylic Acid	F004
O-Dichlorobenzene	F002
Ethanol	D001
2-Ethoxyethanol	F005
Ethylene Dichloride	D001
Isobutanol	F005

Isopropanol	D001
Kerosene	D001
Methyl Ethyl Ketone	F005
Methylene Chloride	F001
 	F002
Naphtha	D001
Nitrobenzene	F004
2-Nitropropane	F005
Petroleum Solvents (Flashpoint less than 140°F)	D001
Pyridine	F005
1,1,1-Trichloroethane	F001
 	F002
1,1,2-Trichloroethane	F002
Tetrachloroethylene (Perchloroethylene)	F001
 	F002
Toluene	F005
Trichloroethylene	F001
 	F002
Trichlorofluoromethane	F002
Trichlorotrifluoroethylene (Valcylene)	F002
White Spirits	D001

Acids/Bases:

Acids, bases, or mixtures having a pH less than or equal to 2 or greater than or equal to 12.5, are considered corrosive (for a complete description of corrosive wastes, see 40 CFR 261.22). Characteristic of corrosivity: All corrosive materials and solutions have the EPA Hazardous Waste Number D002. The following are some of the more commonly used corrosives:

Acetic Acid	Nitric Acid
Ammonium Hydroxide	Oleum
Chromic Acid	Perchloric Acid
Hydrobromic Acid	Phosphoric Acid
Hydrochloric Acid	Potassium Hydroxide
Hydrofluoric Acid	Sodium Hydroxide

Dry Cleaning Filtration Residues:
Cooked powder residue (perchloroethylene plants only), still residues, and spent cartridge filters containing perchloroethylene or valcylene are hazardous and have the EPA Hazardous Waste Number F002.

Still residues containing petroleum solvents with a flashpoint less than 140°F are considered hazardous and have the EPA Hazardous Waste Number D001.

Heavy Metals/Inorganics:

Heavy metals and other inorganic waste materials exhibit the characteristic of EP Toxicity and are considered hazardous if the extract from a representative sample of the waste has any of the specific constituent concentrations as shown in 40 CFR 261.24, Table 1. This may include dusts, solutions, wastewater treatment sludges, paint wastes, waste inks, and other such materials which contain heavy metals/inorganics (note that wastewater treatment sludges from electroplating operations are identified as F006). The following are EP Toxic:

Arsenic	D004
Barium	D005
Cadmium	D006
Chromium	D007
Lead	D008
Mercury	D009
Selenium	D010
Silver	D011

Ignitable Wastes:

Ignitable wastes include any liquids that have a flashpoint less than 140°F, any non-liquids that are capable of causing a fire through friction, absorption of moisture, or spontaneous chemical change, or any ignitable compressed gas as described in 49 CFR 173.300 (for a complete

description of ignitable wastes, see 40 CFR 261.21, Characteristic of ignitability). Examples are spent solvents (see also solvents), solvent still bottoms, ignitable paint wastes (paint removers, brush cleaners and stripping agents), epoxy resins and adhesives (epoxies, rubber cements and marine glues), and waste inks containing flammable solvents. Unless otherwise specified, all ignitable wastes have the EPA Hazardous Waste Number of D001.

Some commonly used ignitable compounds are:

Acetone	F003
Benzene	F005
n-Butyl Alcohol	F003
Chlorobenzene	F002 ¹
Cyclohexanone	F003
Ethyl Acetate	F003
Ethylbenzene	F003
Ethyl Ether	F003
Ethylene Dichloride	D001
Methanol	F003
Methyl Isobutyl Ketone	F003
Petroleum Distillates	D001
Xylene	F003

Ink Sludges Containing Chromium and Lead:

This includes solvent washes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead. All ink sludges have the EPA Hazardous Waste Number K086.

¹Chlorobenzene is listed by EPA as a hazardous waste due to its toxicity and has been assigned EPA Hazardous Waste Number F002. It has a flashpoint, however, of less than 140°F and is therefore included here as an ignitable waste.

Lead-Acid Batteries:

Used lead-acid batteries should be reported on the notification form *only* if they are not recycled. Used lead-acid batteries that *are* recycled do not need to be counted in determining the quantity of waste that you generate per month, nor do they require a hazardous waste manifest when shipped off your premises. (Note: Special requirements do apply if you recycle your batteries on your own premises—see 40 CFR Part 266.)

Lead Dross	D008
Spent Acids	D002
Lead-Acid Batteries	D008

Pesticides:

The pesticides listed below are hazardous. Wastes marked with an asterisk (*) have been designated acutely hazardous. For a more complete listing, see 40 CFR 261.32 and 261.33 for specific listed pesticides, and other wastes, wastewaters, sludges, and by-products from pesticide formulators. (Note that while many of these pesticides are no longer in common use, they are included here for those cases where they may be found in storage.)

• Aldicarb	P070
• Aldrin	P004
Amitrole	U011
• Arsenic Pentoxide	P011
• Arsenic Trioxide	P012
Cacodylic Acid	U136
Carbamic Acid, Methylnitroso-.	
Ethyl Ester	U178
Chlordane	U036
• Copper Cyanides	P029
1,2-Dibromo-3-chloropropane	U066
1,2-Dichloropropane	U083
1,3-Dichloropropene	U084
2,4-Dichlorophenoxy Acetic Acid	U240
DDT	U061
• Dieldrin	P037
Dimethylcarbamoyl Chloride	U097

Pesticides (Continued):

• Dinitrocresol
• Dinoseb
Disodium Monomethanearsenate
• Disulfoton
• Endosulfan
• Endrin
Ethylmercuric Chloride
• Famphur
• Heptachlor
Hexachlorobenzene
Kepone
Lindane
2-Methoxy Mercuric Chloride
Methoxychlor
• Methyl Parathion
Monosodium Methanearsenate
• Nicotine
• Parathion
Pentachloronitrobenzene
Pentachlorophenol
Phenylmercuric Acetate
• Phorate
• Strychnine
2,4,5-Trichlorophenoxy
Acetic Acid
2-(2,4,5-Trichlorophenoxy)-
Propionic Acid
• Thallium Sulfate
Thiram
• Toxaphene
Warfarin

P047
P020
D004
P039
P050
P051
D009
P097
P059
U127
U142
U129
D009
D014
P071
D004
P075
P089
U185
U242
D009
P094
P108
U232
U233
P115
U244
P123
U248

otherwise specified, all reactive wastes have the EPA Hazardous Waste Number D003. The following materials are commonly considered to be reactive:

Acetyl Chloride	Organic Peroxides
Chromic Acid	Perchlorates
Cyanides	Permanganates
Hypochlorites	Sulfides

Spent Plating and Cyanide Wastes:

Spent plating wastes contain cleaning solutions and plating solutions with caustics, solvents, heavy metals, and cyanides. Cyanide wastes may also be generated from heat treatment operations, pigment production, and manufacturing of anti-caking agents. Plating wastes are generally Hazardous Waste Numbers F006-F009, with F007-F009 containing cyanide. Cyanide heat treating wastes are generally Hazardous Waste Numbers F010-F012. See 40 CFR 261.32 for a more complete description of plating wastes.

Wood Preserving Agents:

The wastewater treatment sludges from wastewater treatment operations are considered hazardous (EPA Hazardous Waste Number K001—bottom sediment sludges from the treatment of wastewater processes that use creosote and pentachlorophenol). In addition, unless otherwise indicated, specific wood preserving compounds are:

Chromated Copper Arsenate	D004
Creosote	U051
Pentachlorophenol	F027

Reactives:

Reactive wastes include reactive materials or mixtures which are unstable, react violently with or form explosive mixtures with water, generate toxic gases or vapors when mixed with water (or when exposed to pH conditions between 2 and 12.5 in the case of cyanide or sulfide bearing wastes), or are capable of detonation or explosive reaction when heated or subjected to shock (for a complete description of reactive wastes, see 40 CFR 261.23, Characteristic of reactivity). Unless



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

ASBESTOS AND
SMALL BUSINESS
OMBUDSMAN

ATTACHMENT D

920110

Large Quantity Regulated Waste Generator
ADDENDUM

NOTE: For Large Quantity Regulated Waste Generators [over 1,000 kg/mo.] in addition to those requirements set forth in the Small Quantity Generator Handbook, the Generator must:

Initiate tracer action in the event the Treatment, Storage, Disposal Facility does not return the receipt copy of the Waste Manifest, Form 8700-22, within 35 days and submit an Exception Report to the EPA Regional Administrator for the Region in which the generator is located within 45 days from the date of acceptance for shipment.

Provide a "Biennial Report", Form 8700-13A, on March 1 of even numbered years to the Regional Administrator covering the activities of the previous year. Instructions and Forms may be obtained (1992) by calling the Biennial Report Hot Line at 1-800-876-0352.

It is suggested that requirements be confirmed with contacts listed in Attachment C to the "Understanding the Small Quantiy Generator Hazardous Waste Rules, A Handbook for Small Business" insert [OASBO C-08].

Ref. Title 40 CFR parts 262.41/2



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

C-08

911114

15 November 1991

OFFICE OF
ASBESTOS AND
SMALL BUSINESS
OMBUDSMAN

Insert: C-10
EPA/530-SW-86-019;
EPA/530-SW-90-027

ADDENDUM for: A HANDBOOK FOR SMALL BUSINESS: Understanding the Small Quantity Generator Hazardous Waste Rules (Update)

INTRODUCTION:

This Handbook was composed over five years ago to aid the small businessman in understanding, and in complying with the EPA rules governing the proper disposal of regulated wastes, however there have been new requirements set forth in the intervening period, namely reporting non-receipt of the return copy of the "Uniform Hazardous Waste Shipment Manifest" (EPA Form 8700-12), that is "Exception Reporting"; new Department of Transportation (DoT) Emergency Response Communications Standard requiring around the clock response capability in the event of an emergency during hazardous materials transport; an addition of 25 new Toxicity Characteristic Wastes to the listing of the regulated wastes; new requirements for reporting regulated wastes mixed with domestic sewage and passed on to Publicly Owned Treatment Works (POTW); and changes in the EPA Form Notification of Regulated Waste Activity, (EPA Form 8700-12). Also, there have been changes in Regional and State hazardous waste contacts, addresses, telephone numbers, etc. This Addendum updates the Handbook with respect to the changes noted above.

EXCEPTION REPORTING:

Reference is made to Title 40 Code of Federal Regulations (CFR) Subpart D, Section 262.42, Exception Reporting, subparagraph (b) which requires that a generator of regulated waste of more than 100 Kg (ca. 220 lb) but less than 1,000 Kg (ca. 2200 lb) in a calendar month who does not receive a copy of a hazardous waste shipment manifest with the handwritten signature of the owner or operator of the designated Treatment, Storage or Disposal (TSD) Facility within 60 days of the date that the regulated waste was accepted, for transport, by the initial transporter, must submit legible copy of the shipment manifest with indication (such as a typed or handwritten note on the manifest, or on an attached sheet of paper) stating that the generator has not received a confirmation of delivery, to the EPA Regional Administrator for the Region in which the generator is located.

DEPARTMENT OF TRANSPORTATION RULE:

Reference is made to the Federal Register (FR) Notices of June 27, 1989, January 10, 1990 and August 17, 1990 for the regulations on the new Department of Transportation (DoT) Emergency Response Communications Standard. The new rule covers all those who offer hazardous materials for transport, as well as transporters and their agents, unless exempted from shipping paper requirements pursuant to 49 CFR 172.600(d). You may wish to check with your transporter/ carrier on these points. Three basic requirements are set forth, mandatory on December 31, 1990.

- First: The technical name or the names of the constituents presenting the hazard must be used when a generic or descriptive shipping name is used from the list in 49 CFR part 172.203(k)(3), as shown in the FR Notice of June 27, 1989.
- Second: Emergency response information must be provided. For example, for a single chemical compound comprising a hazardous waste, copies of the Material Safety Data Sheet (MSDS) could fulfill this requirement provided all of the emergency response requirements are fulfilled. For waste mixtures the generator would be responsible for the equivalent data.
- Third: The generators are required to provide an emergency telephone number, accessible on a 24 hour basis for use by those responding in the event of an emergency to obtain information assuring proper emergency response and accident mitigation. This telephone number must be that of the waste generator offering the hazardous waste for transportation, or the number of an agency or organization capable of, and which accepts the responsibility for, providing the detailed information concerning the hazardous waste material(*). Additionally the generator offering the hazardous waste for transportation who lists the telephone number of an agency or organization must assure that the agency or organization has received all current information on the hazardous waste to be transported, as required by 49 CFR part 172.604.

For further information on the Department of Transportation Rule, you may call the DoT/FEMA Hotline:

U. S. (except Illinois)... 1(800)-752-6367

Illinois only...1(800) 367-9592

(*) It has come to the attention of the EPA OASB that one such agency or organization offering such service is the Chemical Manufacturers' Association CHEMTRAC service, at a fee of \$500 per year for non-Association members. This fee may be waived however in hardship cases. To obtain an application package for this CHEMTRAC service, you may call (202) 887-1255, or write to the CMA at 2501 "M" St. NW, Washington, D.C. 20037. Your transporter/cARRIER may be able to provide information on other agencies or organizations.

TOXICITY CHARACTERISTIC WASTES:

Reference is made to Title 40 CFR part 261 and Federal Register items on the new Toxicity Characteristic Leaching Procedure in which additional Toxicity Characteristic Wastes are identified, namely, Notices of March 29, 1990, June 29, 1990, and August 2, 10 and 27, 1990. The listing below shows the Toxicity Characteristic Wastes, and the newly listed items are underscored, i.e., Waste Numbers D-018 and above: [The generators of these new wastes were required to report generation of any of these wastes by submission of EPA Form 8700-12, Notification of Regulated Waste Activity, by November 2nd of this year, and the Small Quantity Generator must be in compliance with respect disposal of these newly listed wastes by March 29, 1991. Note that used oil being recycled is subject to 40 CFR part 266 rather than the TCLP ruling until further notice, rather than being classed as under the waste number D-018. Also, recycling refrigerants (i.e., otherwise probably classed as D019 wastes) is exempt from the TCLP Rule as set forth in the Federal Register of February 13, 1991. [Rules governing handling of Chlorofluorocarbon refrigerants will be found in the Federal Register, for example for automotive refrigerants, see the issue of September 4, 1991.]

TOXICITY CHARACTERISTIC WASTE CONSTITUENTS
With Regulatory Levels

EPA HW No. ¹	Constituent (mg/L)	CAS No. ²	Chronic toxicity reference levels (mg/L)	Regulatory levels (mg/L)
D004	Arsenic	7440-38-2	0.05	50
D005	Boron	7440-79-3	1.0	1000
D018	Boronate	71-43-2	0.005	0.5
D006	Caesium	7440-43-0	0.01	1.0
D019	Carbon tetrachloride	56-23-5	0.005	0.5
D020	Chloroethane	57-74-8	0.003	0.03
D021	Chlorobenzene	108-90-7	1	1000
D022	Chloroform	67-64-3	0.08	80
D023	Chromium	7440-47-3	0.05	50
D024	<i>o</i> -Cresol	95-48-7	2	2000
D024	<i>m</i> -Cresol	108-38-4	2	2000
D024	<i>p</i> -Cresol	108-44-6	2	2000
D025	Cresol		2	2000
D026	24-D	94-75-7	0.1	100
D027	1,4-Dichlorobenzene	108-46-7	0.075	7.5
D028	1,2-Dichloroethene	107-08-2	0.006	0.5
D029	1,1-Dichloroethene	75-35-4	0.007	0.7
D030	2,4-Dichlorobenzoic acid	121-14-2	0.0005	0.013
D032	Endrin	72-50-8	0.0002	0.02
D031	Heptachlor (and its hydrolyzate)	78-44-8	0.00008	0.008
D032	Heptachlorobenzene	110-76-1	0.002	0.13
D033	Heptachloro-1,2-dichloroethane	67-48-3	0.005	0.5
D034	Heptachloroethene	67-72-1	0.03	30
D035	Lead	7439-92-1	0.08	50
D013	Lindane	58-85-0	0.004	0.4
D009	Mercury	7439-97-6	0.002	0.2
D014	Stibine	72-43-6	0.1	100
D035	Mercury and lead	78-80-3	2	2000
D036	Mercuric chloride	58-85-3	0.02	20
D037	Mercuric phenyl	67-88-8	1	1000
D038	Mercury	110-88-1	0.04	1.0
D016	Sodium	7782-18-2	0.01	1.0
D011	Silver	7440-22-4	0.05	50
D039	Tetrachloroethylene	127-18-4	0.007	0.7
D073	Tetraphosphorus	5001-35-2	0.005	0.5
D040	Tetrachloromethane	76-01-0	0.006	0.6
D041	2,4,5-Tetrachlorophenol	95-66-4	4	4000
D042	2,4,5-Tetrachlorophenol	95-08-2	0.02	20
D043	2,4,5-TCP (Sodium)	95-73-1	0.01	1.0
D043	Vinyl chloride	75-01-4	0.002	0.2

1) Hazardous Waste Number 2) Chemical Abstracts Service number 3) Since the Quantification Limit exceeds the calculated Regulatory Level, it becomes the Regulatory Level 4) If *o*-, *m*-, and *p*-cresol concentrations can not be differentiated, the total cresol (D026) concentration is used, where the cresol Regulatory Level is 200 mg/l.

REPORTING HAZARDOUS WASTES MIXED WITH DOMESTIC SEWAGE

EPA has published new reporting requirements for waste generators who mix hazardous waste mixtures into domestic sewage discharged into Publicly Owned Treatment Works (POTW). These new requirements are set forth in the Federal Register Notice, July 24, 1990 (Vol.55, No. 142, p 30082). Generators discharging acutely hazardous wastes in any amount, or non-acute hazardous wastes in amounts exceeding 15 Kg (ca. 33 lbs) per month, must make a one-time notification of such discharges to the EPA Regional Waste Management Director [unless reporting has been made under 40 CFR part 403.12 (b), (d) and (e)], to the State Hazardous Waste authority and to the POTW. To determine the total mass discharged for the Characteristic Wastes (D series), count the the total mass of the hazardous waste and non-hazardous wastes (water, other process and non-process wastes, etc.) which are discharged into the sewer, provided that the combined wastestream still exhibits the Hazardous Waste Characteristic. To determine the total mass discharged for the Listed Wastes, count also the entire wastestream of which the listed waste being discharged is a part. The notification must include the name of the hazardous waste as set forth in 40 CFR part 261 (many of these wastes are identified in the Handbook), the EPA Hazardous Waste Number, and the type of discharge (continuous or batch). If the generator discharges more than 100 Kg of such waste per month to the POTW, the notification must also include the following information to the extent it is readily available: identification of the hazardous constituents contained in the wastes, estimates of the masses and concentrations of constituents in the wastestream discharged during that calendar month, and an estimate of the masses of such constituents which may be expected to be discharged during the following twelve month period. Notifications must be submitted no later than February 23, 1991, for generators who commenced discharging prior to August 23, 1990 (or for those initiating discharges after that date, the notification must be submitted no later than 180 days after the date of discharge). Notifications of changes in discharge must also be submitted pursuant to 40 CFR part 403.12 (j).

EPA FORM 8700-12, NOTIFICATION OF REGULATED WASTE ACTIVITY:

[Attachment A]

A copy of the EPA Form 8700-12, Revision (07-90), is included in this packet. We feel that you will find the revised form easier to follow, particularly since it has grouped the similar, related, technical entities together in the block entries. Also, the terms "specific" and "non-specific" source wastes are no longer differentiated in the block entries. Instructions on filling out the form are provided following the continuation sheet in the attachment. To help in identifying wastes, and their corresponding EPA and DoT shipping numbers, you may request one or more of the industry specific inserts to the Handbook, as noted below, with the corresponding OASBO Codes. The inserts for C-10, [EPA/530-SW-90-027a-r], listing hazardous wastes in each industry, and giving DoT Shipping Name, Hazard Class and ID No., undated, 1 to 9 pp. ea., are as follow:

C-11 Vehicle Maintenance [a]	C-17 Printing & Allied Industry [g]	C-23 Laboratories [m]
C-12 Drycleaning & Laundry Plants [b]	C-18 Chemical Manufacturers [h]	C-24 Metal Manufacturing [n]
C-13 Furniture/Wood Manufacturing & Refinishing [c]	C-19 Pesticide End Users [i]	C-25 Paper Industry [o]
C-14 Equipment Repair [d]	C-20 Construction [j]	C-26 Formulators [p]
C-15 Textile Manufacturing [e]	C-21 Motor Freight Terminals/ Railroad Transport [k]	C-27 Cleaning Agents & Cosmetics Manufacturers [q]
C-16 Wood Preserving [f]	C-22 Educational/Vocational [l]	C-28 Leather Products Mfg. [-]

EPA FORM 8700-22, UNIFORM HAZARDOUS WASTE MANIFEST:

[Attachment B]

A copy of EPA Form 8700-22, Revision (9-88) is also provided in this packet. Instructions for execution of this form are shown on the back side of the form. Check with your transporter to be sure that your State does not have any special requirements.

US EPA REGIONAL OFFICES:

[For the State offices, see Attachment C]

Region I

[Geographic Area: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont]

U.S. EPA Region I
Waste Management Division
JFK Federal Bldg., Room 2203
Boston, Mass. 02203-2211

(617) 573-5707

Region II

[Geographic Area: New Jersey, New York, Puerto Rico, Virgin Islands]

U.S. EPA Region II
Permits Administration Branch
26 Federal Plaza, Room 505
New York, N. Y. 10278

(212) 264-9883

Region III

[Geographic Area: Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia]

USEPA Region III (3 HW 51/2/3)
ReCRA Programs Branch
841 Chestnut Street
Philadelphia, Pa. 19107

(215) 597-1230
[Gen. Inf. (800) 438-2474]

Region IV

[Geographic Area: Alabama, Florida, Georgia, Kentucky, Mississippi, North & South Carolina, Tennessee]

EPA Region IV
Hazardous Waste Management Division
345 Courtland Street NE
Atlanta, Ga. 30365

(404) 347-2234 [Gen. Info. ex. Ga.,
(800) 241-1745; Ga. only (800) 282-0239]

Region V

[Geographic Area: Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin]

USEPA Region V (5 HR-13)
ReCRA Activities
77 West Jackson Blvd.
Chicago, Ill. 60604

(312) 886-4001 [Gen. Info. ex. Ill.,
(800) 621-8431; Ill. only (800) 572-2515]

Region VI

[Geographic Area: Arkansas, Louisiana, New Mexico, Oklahoma, Texas]

USEPA Region VI
ReCRA Programs Branch
First Interstate Bank Tower
1445 Ross Ave. Suite 1200
Dallas, Texas 75202-2733

(214) 655-6700/70

Region VII

[Geographic Area: Iowa, Kansas, Nebraska, Missouri]

USEPA Region VII
ReCRA Branch
726 Minnesota Ave.
Kansas City, Kans. 66101

(913) 551-7051 [From Iowa use
(913) 551-7050 or (800) 223-0425]

Region VIII

[Geographic Area: Colorado, Montana, North & South Dakota, Utah, Wyoming]

EPA Region VIII
Hazardous Waste Management Division
999 18th St., Suite 500
Denver, Colorado 80202-2405

(303) 293-1795

Region IX

[Geographic Area: Arizona, California, Hawaii, Nevada, America Samoa, Guam, North Mariana Islands]

USEPA Region IX (PRC-H-3-4)
594 Howard Street Suite 401
San Francisco, Cal. 94105

(415) 495-8895

Region X

[Geographic Area: Alaska, Idaho, Oregon, Washington]

USEPA Region X (HW-112)
Waste Management Branch
1200 Sixth Ave.
Seattle, Wash. 98101

(206) 553-0151 (800) 424-4372

Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law (Section 3010 of the Resource Conservation and Recovery Act).



Notification of Regulated Waste Activity

United States Environmental Protection Agency

Date Received
(For Official Use Only)

I. Installation's EPA ID Number (Mark 'X' in the appropriate box)

A. First Notification B. Subsequent Notification
(complete Item C)

C. Installation's EPA ID Number

II. Name of Installation (Include company and specific site name)

III. Location of Installation (Physical address not P.O. Box or Route Number)

Street

Street (continued)

City or Town

State

ZIP Code

County Code County Name

IV. Installation Mailing Address (See Instructions)

Street or P.O. Box

City or Town

State

ZIP Code

V. Installation Contact (Person to be contacted regarding waste activities at site)

Name (last)

(first)

Job Title

Phone Number (area code and number)

VI. Installation Contact Address (See Instructions)

A. Contact Address
Location Mailing

B. Street or P.O. Box

City or Town

State

ZIP Code

VII. Ownership (See Instructions)

A. Name of Installation's Legal Owner

Street, P.O. Box, or Route Number

City or Town

State ZIP Code

Phone Number (area code and number)

B. Land Type

C. Owner Type

D. Change of Owner
Indicator

Yes

No

(Date Changed)
Month Day Year

ID - For Official Use Only																																																											
VIII. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. Refer to instructions.)																																																											
A. Hazardous Waste Activity																																																											
<p>1. Generator (See instructions)</p> <p><input type="checkbox"/> a. Greater than 1000 kg/mo (2,200 lbs.)</p> <p><input type="checkbox"/> b. 100 to 1000 kg/mo (220 - 2,200 lbs.)</p> <p><input type="checkbox"/> c. Less than 100 kg/mo (220 lbs.)</p> <p>2. Transporter (Check Mode in boxes 1-5 below)</p> <p><input type="checkbox"/> a. For own needs only</p> <p><input type="checkbox"/> b. For commercial purposes</p> <p>Mode of Transportation</p> <p><input type="checkbox"/> 1. Air</p> <p><input type="checkbox"/> 2. Rail</p> <p><input type="checkbox"/> 3. Highway</p> <p><input type="checkbox"/> 4. Water</p> <p><input type="checkbox"/> 5. Other - specify <input style="width: 100px; border: 1px solid black; height: 1.2em;" type="text"/></p>						<p>3. Treater, Storer, Disposer (at installation)</p> <p>Note: A permit is required for this activity; see instructions.</p> <p>4. Hazardous Waste Fuel</p> <p>a. Generator Marketing to Burner</p> <p>b. Other Marketers</p> <p>c. Burner - Indicate device(s) - Type of Combustion Device</p> <p><input type="checkbox"/> 1. Utility Boiler</p> <p><input type="checkbox"/> 2. Industrial Boiler</p> <p><input type="checkbox"/> 3. Industrial Furnace</p> <p><input type="checkbox"/> 6. Underground Injection Control</p>																																																					
B. Used Oil Fuel Activities																																																											
<p>1. Off-Specification Used Oil Fuel</p> <p><input type="checkbox"/> a. Generator Marketing to Burner</p> <p><input type="checkbox"/> b. Other Marketer</p> <p>c. Burner - Indicate device(s) - Type of Combustion Device</p> <p><input type="checkbox"/> 1. Utility Boiler</p> <p><input type="checkbox"/> 2. Industrial Boiler</p> <p><input type="checkbox"/> 3. Industrial Furnace</p>						<p>2. Specification Used Oil Fuel Marketer (or On-site Burner) Who First Claims the Oil Meets the Specification</p> <p><input type="checkbox"/></p>																																																					
IX. Description of Regulated Wastes (Use additional sheets if necessary)																																																											
A. Characteristics of Nonlisted Hazardous Wastes. Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. (See 40 CFR Parts 261.20 - 261.24)																																																											
<p><input type="checkbox"/> 1. Ignitable <input type="checkbox"/> 2. Corrosive <input type="checkbox"/> 3. Reactive <input type="checkbox"/> 4. Toxicity (2001) <input type="checkbox"/> (2002) <input type="checkbox"/> (2003) Characteristic (2000)</p>			<p>(List specific EPA hazardous waste number(s) for the Toxicity Characteristic contaminant(s))</p> <p><input type="checkbox"/> <input type="checkbox"/></p>																																																								
B. Listed Hazardous Wastes. (See 40 CFR 261.31 - 33. See instructions if you need to list more than 12 waste codes.)																																																											
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C. Other Wastes. (State or other wastes requiring an ID. number. See instructions.)																																																											
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X. Certification																																																											
<p>I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.</p>																																																											
Signature		Name and Official Title (type or print)								Date Signed																																																	
XI. Comments																																																											
Note: Mail completed form to the appropriate EPA Regional or State Office. (See Section III of the booklet for addresses.)																																																											

D - For Official Use Only

IX. Description of Regulated Wastes Continued (Additional sheet)

B. Listed Hazardous Wastes. (See 40 CFR 261.31 - 33. Use this page only if you need to list more than 12 waste codes.)

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48
49	50	51	52	53	54
55	56	57	58	59	60
61	62	63	64	65	66
67	68	69	70	71	72
73	74	75	76	77	78
79	80	81	82	83	84
85	86	87	88	89	90
91	92	93	94	95	96
97	98	99	100	101	102
103	104	105	106	107	108
109	110	111	112	113	114
115	116	117	118	119	120

Estimated burden: Public reporting burden for this collection of information is estimated to be 3.5 hours, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460; and to the Paperwork Reduction Project (2050-0028), Office of Management and Budget, Washington, D.C. 20503.

Line-by-Line Instructions for Completing EPA Form 8700-12

Type or print in black ink all items except Item X, "Signature," leaving a blank box between words. The boxes are spaced at 1/4" intervals which accommodate elite type (12 characters per inch). When typing, hit the space bar twice between characters. If you print, place each character in a box. Abbreviate if necessary to stay within the number of boxes allowed for each Item. If you must use additional sheets, indicate clearly the number of the item on the form to which the information on the separate sheet applies.

(NOTE: When submitting a subsequent notification form, notifiers must complete in their entirety Items I, II, III, VI, VII, VIII and X. Other sections that are being added to (i.e., newly regulated activities) or altered (i.e., installation contact) must also be completed. All other sections may be left blank.)

Item I — Installation's EPA ID Number:

Place an "X" in the appropriate box to indicate whether this is your first or a subsequent notification for this site. If you have filed a previous notification, enter the EPA Identification Number assigned to this site in the boxes provided. Leave EPA ID Number blank if this is your first notification for this site.

Note: When the owner of a facility changes, the new owner must notify U.S. EPA of the change, even if the previous owner already received a U.S. EPA Identification Number. Because the U.S. EPA ID Number is "site-specific," the new owner will keep the existing ID number. If the facility moves to another location, the owner/operator must notify EPA of this change. In this instance a new U.S. EPA Identification Number will be assigned, since the facility has changed locations.

Items II and III — Name and Location of Installation:

Complete Items II and III. Please note that the address you give for Item III, "Location of Installation," must be a physical address, not a post office box or route number.

County Name and Code: Give the county code, if known. If you do not know the county code, enter the county name, from which EPA can automatically generate the county code. If the county name is unknown contact the local Post Office. To obtain a list of county codes, contact the National Technical Information Service, U.S. Department of Commerce, Springfield, Virginia, 22161 or at (703) 487-4650. The list of codes is contained in the Federal Information Processing Standards Publication (FIPS PLB), number 6-3.

Item IV — Installation Mailing Address:

Please enter the Installation Mailing Address. If the Mailing Address and the Location of Installation (Item III) are the same, you can print "Same" in box for Item IV.

Item V — Installation Contact:

Enter the name, title, and business telephone number of the person who should be contacted regarding information submitted on this form.

Item VI — Installation Contact Address:

A) Code: If the contact address is the same as the location of installation address listed in Item III or the installation mailing address listed in Item IV, place an "X" in the appropriate box to indicate where the contact may be reached. If the location of installation address, the installation mailing address, and the installation contact address are all the same, mark the "Location" box. If an "X" is entered in either the location or mailing box, Item VI, B, should be left blank.

B) Address: Enter the contact address only if the contact address is different from either the

Uniform Hazardous Waste Manifest

Federal law requires that any facility that generates more than 100 kilograms (220 pounds or approximately one-half of a 55-gallon drum) of hazardous waste (or 1 kilogram of acutely hazardous waste) in a calendar month use the completed Uniform Hazardous Waste Manifest when shipping its hazardous waste off-site.

Remember—you must use the Manifest of the state to which you are sending the waste. If that state does not have its own version of the Manifest, use the Manifest form of the state in which you generated the waste.

If neither the state to which you are sending your waste nor the state in which your waste was generated has its own Manifest form, you may order Manifest forms from commer-

cial companies that produce the federal version of the Manifest, or obtain copies from some hazardous waste treatment, storage, or disposal firms.

Items 1 through 20 (and 21 through 35 on the continuation sheet) constitute the federal portion of the Manifest form. Items A through K comprise the state portion of the form. When using a state form, follow the instructions provided with that form. If you are not using a state form, ask your state hazardous waste agency whether you must fill in items A through K. Contact your state hazardous waste agency, your hauler, and the facility that is to receive your waste shipment to be sure you complete all the necessary items on the Manifest.

Instructions

ITEM 1.

Generator's U.S. EPA ID Number *Manifest Document Number*

Enter the generator's U.S. EPA 12-digit identification number and the unique 5-digit you assign to this Manifest (e.g., 00001).

ITEM 2.

Page 1 of

Enter the total number of pages used to complete this Manifest, i.e., the first page (EPA Form 8700-22) plus the number of Continuation Sheets (EPA Form 8700-22A), if any.

ITEM 3.

Generator's Name and Mailing Address

Enter the name and address of your business.

ITEM 4.

Generator's Phone Number

Enter a telephone number where an authorized agent of your company may be reached in the event of an emergency.

ITEM 5.

Transporter 1 Company Name

Enter the company name of the first transporter who will transport the waste.

ITEM 6.

U.S. EPA ID Number

Enter the U.S. EPA 12-digit identification number of the designated facility identified in Item 5.

ITEM 7.

Transporter 2 Company Name

If applicable, enter the company name of the second transporter who will transport the waste. If more than two transporters are used to transport the waste, use a Continuation Sheet (EPA Form

8700-22A) and list the transporters in the order they will be transporting the waste.

ITEM 8.

U.S. EPA ID Number

If applicable, enter the U.S. EPA 12-digit identification number of the second transporter identified in Item 7. NOTE: If more than two transporters are used, enter each additional transporter's company and U.S. EPA 12-digit identification number in items 24-27 on the Continuation Sheet (EPA Form 8700-22A). Each Continuation Sheet has space to record two additional transporters. Every transporter used between the generator and the designated facility must be listed.

ITEM 9.

Designated Facility Name and Site Address

Enter the company name and site address of the facility to which you are shipping the waste listed on this Manifest. The address must be the site address, which may be different from the company mailing address.

ITEM 10.

U.S. EPA ID Number

Enter the U.S. EPA 12-digit identification number of the designated facility identified in Item 9.

ITEM 11.

U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number (UN/NA))

Enter the U.S. Department of Transportation (DOT) Proper Shipping Name, Hazard Class, and ID Number (UN/NA) for each waste as identified in 49 CFR 171

through 177. Your hauler or the facility to which you are shipping the waste may be able to help you determine this information. You may also be able to obtain information and assistance from the U.S. Department of Transportation (DOT) at 202-366-5580, Materials Transport Bureau, your state transportation agency, your state hazardous waste management agency, or your trade association.

ITEM 12.

Containers (No. and Type)

Enter the number of containers for each waste and the appropriate abbreviation for the type of container.

DM = Metal drums, barrels, kegs

DW = Wooden drums, barrels, kegs

DF = Fiberboard or plastic drums, barrels, kegs

TP = Tanks portable

TT = Cargo tanks (tank trucks)

TC = Tank cars

DT = Dump truck

CY = Cylinders

CM = Metal boxes, cartons, cases (including roll-offs)

CW = Wooden boxes, cartons, cases

CF = Fiber or plastic boxes, cartons, cases

BA = Burlap, cloth, paper or plastic bags

ITEM 13.

Total Quantity

Enter the total quantity of waste described on each line. Your measurement must include the weight of the container when the waste

container is to be discarded (example: a drum containing waste). Do not use fractions or decimals.

ITEM 14.

Unit (Wt./Vol.)

Enter the appropriate abbreviation for the unit of measure for each quantity entered under Item 13, as follows:

G = Gallons

P = Pounds

T = Tons (2,000 pounds)

Y = Cubic yards

L = Liters

K = Kilograms

M = Metric tons (1,000 kilograms)

N = Cubic meters

ITEM 15.

Special Handling Instructions and Additional Information

Use this space to indicate special transportation, treatment, storage, or disposal information or Bill of Lading information.

ITEM 16.

Generator's Certification

You must sign and date the Uniform Hazardous Waste Manifest after you have filled it out. You must certify that you have made a good faith effort to minimize your waste generation and to select the best waste management method that is available to you and that you can afford

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2 Page 1 of	Information in the shaded areas is not required by Federal law		
3 Generator's Name and Mailing Address				A. State Manifest Document Number			
				B. State Generator's ID			
4 Generator's Phone ()				C. State Transporter's ID			
5 Transporter 1 Company Name		6 US EPA ID Number	D. Transporter's Phone				
7 Transporter 2 Company Name		8 US EPA ID Number	E. State Transporter's ID				
9 Designated Facility Name and Site Address		10 US EPA ID Number	F. Transporter's Phone				
			G. State Facility's ID				
			H. Facility's Phone				
11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12 Containers	13 Total Quantity	14 Unit Wt/Vol	1 Waste No
a							
b							
c							
d							
I. Additional Descriptions for Materials Listed Above				K. Handling Codes for Wastes Listed Above			
L. Special Handling Instructions and Additional Information							
16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.							
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name		Signature		Month	Day	Year	
17 Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name		Signature		Month	Day	Year	
18 Transporter 2 Acknowledgement of Receipt of Materials							
Printed/Typed Name		Signature		Month	Day	Year	
19 Discrepancy Indication Space							
20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19							
Printed/Typed Name		Signature		Month	Day	Year	

location of installation address (Item III) or the installation mailing address (Item IV), and Item VI. A. was left blank.

Item VII — Ownership:

A) Name: Enter the name of the legal owner(s) of the installation, including the property owner. Also enter the address and phone number where this individual can be reached. Use the comment section in XI or additional sheets if necessary to list more than one owner.

B) Land Type: Using the codes listed below, indicate in VII. B. the code which best describes the current legal status of the land on which the facility is located:

F = Federal
S = State
I = Indian
P = Private
C = County
M = Municipal*
D = District
O = Other

*Note: If the Land Type is best described as Indian, County or District, please use those codes. Otherwise, use Municipal.

C) Owner Type: Using the codes listed below, indicate in VII. C. the code which best describes the legal status of the current owner of the facility:

F = Federal
S = State
I = Indian
P = Private
C = County
M = Municipal*
D = District
O = Other

*Note: If the Owner Type is best described as Indian, County or District, please use those codes. Otherwise, use Municipal.

D) Change of Owner Indicator: (If this is your installation's first notification, leave Item VII. D. blank and skip to Item VIII. If this is a subsequent notification, complete Item VII. D. as directed below.)

If the owner of this facility has changed since the facility's original notification, place an "X" in the box marked "Yes" and enter the date the owner changed.

If the owner of this facility has not changed since the facility's original notification, place an "X" in the box marked "No" and skip to Item VIII.

If an additional owner(s) has been added or replaced since the facility's original notification, place an "X" in the box marked "Yes". Use the comment section in XI to list any additional owners, the dates they became owners, and which owner(s) (if any) they replaced. If necessary attach a separate sheet of paper.

Item VIII — Type of Regulated Waste Activity:

A) Hazardous Waste Activity: Mark an "X" in the appropriate box(es) to show which hazardous waste activities are going on at this installation

1) Generator: If you generate a hazardous waste that is identified by characteristic or listed in 40 CFR Part 261 mark an "X" in the appropriate box for the quantity of non-acute hazardous waste that is generated per calendar month. If you generate acutely hazardous waste please refer to 40 CFR Part 262 for further information.

2) Transporter: If you transport hazardous waste, indicate if it is your own waste, for commercial purposes, or mark both boxes if both classifications apply. Mark an "X" in each appropriate box to indicate the method(s) of transportation you use. Transporters do not have to complete Item IX of this form, but must sign the certification in Item X. The Federal regulations for hazardous waste transporters are found in 40 CFR Part 263.

3) Treater/Storer/Disposer: If you treat, store or dispose of regulated hazardous waste, then mark an "X" in this box. You are reminded to contact the appropriate addressee listed for your State in Section III. C. of this package to request Part A of the RCRA Permit Application. The Federal regulations for hazardous waste facility owners/operators are found in 40 CFR Parts 264 and 265.

4) Hazardous Waste Fuel: If you market hazardous waste fuel place an "X" in the appropriate box(es). If you burn hazardous waste fuel on-site, place an "X" in the appropriate box and indicate the type(s) of combustion devices in which hazardous waste fuel is burned. (Refer to definition section for complete description of each device).

Note: Generators are required to notify for waste-as-fuel activities only if they market directly to the burner.

"Other Marketer" is defined as any person, other than a generator marketing hazardous waste, who markets hazardous waste fuel.

5) **Underground Injection Control:** If you generate and/or treat, store or dispose of hazardous waste, place an "X" in the box if an injection well is located at your installation. "Underground Injection" means the subsurface emplacement of fluids through a bored, drilled, or driven well; or through a dug well, where the depth of the dug well is greater than the largest surface dimension.

B) Used Oil Fuel Activities

Mark an "X" in the appropriate box(es) to indicate which used oil fuel activities are taking place at this installation.

1) **Off-Specification Used Oil Fuel:** If you market off-specification used oil, place an "X" in the appropriate box(es). If you burn used oil fuel place an "X" in the box(es) below to indicate type(s) of combustion devices in which off-specification used oil fuel is burned. (Refer to definition section for complete description of each device).

Note: Used oil generators are required to notify only if marketing directly to the burner.

"Other Marketer" is defined as any person, other than a generator marketing his or her used oil, who markets used oil fuel.

2) **Specification Used Oil Fuel:** If you are the first to claim that the used oil meets the specification established in 40 CFR 266.40(e) and is exempt from further regulation, you must mark an "X" in this box.

Item IX — Description of Regulated Wastes:

(Only persons involved in hazardous waste activity (Item VII A) need to complete this item. Transporters requesting a U.S. EPA Identification Number do not need to complete this item, but must sign the "Certification" in Item X.)

If you do not find your waste identified in the Handbook you may refer to the EPA Pamphlet 8700-12, 40 CFR part

261 identifies those wastes that EPA defines as hazardous. If you need help completing this section, please contact the appropriate addressee for your State

A) Characteristics of Nonlisted Hazardous Wastes: If you handle hazardous wastes which are not listed in 40 CFR Part 261, Subpart D but do exhibit a characteristic of hazardous waste as defined in 40 CFR Part 261, Subpart C, you should describe these wastes by the EPA hazardous waste number for the characteristic. Place an "X" in the box next to the characteristic of the wastes that you handle. If you mark "4. Toxicity Characteristic," please list the specific EPA hazardous waste number for the specific contaminant(s) in the box(es) provided

B) Listed Hazardous Wastes: If you handle hazardous wastes that are listed in 40 CFR Part 261, Subpart D, enter the appropriate 4-digit numbers in the boxes provided.

Note — If you handle more than 12 listed hazardous wastes, please continue listing the waste codes on the continuation sheet as needed. If it is used, attach the additional page to the rest of the form before mailing it to the appropriate EPA Regional or State Office.

C) Other Wastes: If you handle other wastes or State regulated wastes that have a waste code, enter the appropriate code number in the boxes provided

Item X — Certification:

This certification must be signed by the owner operator, or an authorized representative of your installation. An "authorized representative" is a person responsible for the overall operation of the facility (i.e., a plant manager or superintendent or a person of equal responsibility). All notifications must include this certification to be complete

Item XI — Comments:

Use this space for any additional comments

NOTIFICATION/MANIFEST
CONTACTS

ID NUMBER ISSUED
(MAIL-IN COMPLETED FORMS)

Arizona

Hazardous Waste Compl. Unit
Arizona Dept. of Env. Qual.
2005 N. Central Ave, Rm 400 B
Phoenix, AZ 85004

(602) 257-2211

Arizona

U. S. EPA Region IX
Hazardous Waste Mngmt. Div.
PRC-H-3-4
594 Howard Street Suite 401
San Francisco, CA. 94105

(415) 495-8895

Arkansas

Hazardous Waste Div., Arkansas
Dept. of Pollution Control and
Ecology P. O. Box 9583
Little Rock, AR 72219

(501) 570-2181/562-7444

Arkansas

Arkansas Dept. of Pollution Control
and Ecology, Hazardous Waste Div.
P.O. Box 9583
Little Rock, AR 72219

(501) 570-2181/562-7444

California

Toxic Substances Control Div
California Env. Protect. Agency
P.O. Box 942732,
(400 P Street)
Sacramento, CA 94234-7320

(916) 324-1781/323-6558
(Manifests/Notification)
(916) 323-2913/324-1836 (Toxics)

District Offices:

Longbeach (310) 590-4964/5950
Burbank (818) 567-3000
Berkley (510) 540-2122
Fresno (209) 445-5938

Waste Oil Pick-up:

(800) 553-2962

California

To obtain Information or forms:

California Env. Protection Agency
Toxic Substances Control Div.
400 P Street,
Sacramento, CA 95814

(916) 324-1781/323-6558
(Manifests/Notification)
(916) 323-2913/324-1836 (Toxics)

Mail completed forms* to:

US EPA Region IX
Hazardous Waste Mgt. Ofc.
PRC-H-3-4
594 Howard Street Suite 401
San Francisco, CA 94105

(415) 495-8895

* Except for those listing California wastes only, e.g. petroleum base wastes, asbestos and antifreeze under 27 gal./month, which are to be mailed to the California State office shown.

STATE /REGION CONTACTS FOR ReCRA ACTIVITIES §
EPA FORM 8700-12

NOTIFICATION/MANIFEST CONTACTS	ID NUMBERS ISSUED (MAIL-IN COMPLETED FORMS)
<u>Alabama</u> Alabama Dept. of Env. Mngmt. Land Division 1751 Congressman W. L. Dickenson Drive Montgomery, AL 36130 (205) 271-7730/7737	<u>Alabama</u> Alabama Dept. of Env. Mngmt. Land Division 1751 Congressman W. L. Dickenson Drive Montgomery, Ala. 36130 (205) 271-7730
<u>Alaska</u> Div. of Env. Quality Dept. of Env. Conservation Hazardous Waste Program 410 Willoughby Ave. Juneau, Alaska 99801-1795 (907) 465-5150	<u>Alaska</u> U.S. EPA Region X Waste Mngmt. Branch HW-112 1200 Sixth Avenue Seattle, WA 98101 (206) 553-0151 (800) 424-4372
 Southeast Regional Office (Juneau): (907) 465-5340 South-Central Regional Office (Anchorage): (907) 563-6529 Northern Regional Office (Fairbanks): (907) 451-2360	
<u>American Samoa</u> American Samoa Env. Prot. Agency Government of American Samoa Pago Pago, American Samoa 96799 [011] (684) 633-2304/2305	 U. S. EPA Region IX Hazardous Waste Management Div. PRC-H-3-4 594 Howard St. Suite 401 San Francisco, Cal. 94105 (415) 495-8895

§ See page 18 for references to EPA Region contacts.

NOTE: Please report any changes or errors to the OASBO on 1-800-368-5888
[In D.C. or No. Va. on 703-305-5938].

NOTIFICATION/MANIFEST
CONTACTSColorado

Waste Mngmt. Div.
Colorado Dept. of Health
4210 East 11th Ave.
Denver, CO 80220

(303) 331-4830

ID NUMBERS ISSUED
(MAIL-IN COMPLETED FORMS)Colorado

Colorado Dept. of Health
Waste Management Div.
4210 E. 11th Ave.
Denver, Co 80220

(303) 331-4830

(This State will send forms to:

EPA Region VIII
Waste Mgmt Div.
Denver Place (8HWM-HW)
999 18th St, Suite 500
Denver. CO 80202-2905

(303) 299-1795)

Commonwealth of N. Mariana Islands

Division of Env. Quality
P. O. Box 1304
Saipan, Mariana Islands 96950

[011] (670) 234-6984

Cable Address: GOV. NMI Saipan

Commonwealth of N. Mariana Islands

U.S. EPA Region IX
Hazardous Waste Mgmt Div.
PRC-H-3-4
594 Howard Street
San Francisco, CA 94105

(415) 744-1107

Connecticut

Hazardous Msterials Mgmt. Unit
Conn. Dept. of Env. Protection
State Office Building
165 Capitol Avenue
Hartford, CT 06106

(203) 566-4924, 8843, 8844

Connecticut

Hazardous Materials Mgmt. Unit
Conn. Dept. of Env. Protection
State Office Building
165 Capitol Ave.
Hartford, CT 06106

(203) 566-4924, 8843, 8844

NOTIFICATION/MANIFEST
CONTACTS

ID NUMBERS ISSUED
(MAIL-IN COMPLETED FORMS)

Delaware

Hazardous Waste Mgmt. Br.
Delaware Dept. of Natural
Resources and Env. Control
P. O. Box 1401
89 Kings Highway
Dover, Del. 19903

(302) 736-3689

Delaware

Hazardous Waste Management Br.
Delaware Dept. of Natural
Resources and Env. Control
P. O. Box 1401
89 Kings Highway
Dover, Del. 19903

(302) 736-3689

District of Columbia

Environmental Control
Division
Hazardous Waste Section
2100 Martin Luther King, Jr.
Avenue Room 203
Washington, D. C. 20020

(202) 404-1167

District of Columbia

Environmental Control
Division
Hazardous Waste Section
2100 Martin Luther King, Jr.
Avenue Room 203
Washington, D.C. 20020

(202) 404-1167

(Forms for permanent ID No.
are then sent to:
U.S. EPA Region III
ReCRA Programs Branch 3HW51
841 Chestnut Bldg.
Philadelphia, PA 19107

(215) 597-1230) [(800) 438-2474])

Florida

Florida Dept. of Env. Regulations
Hazardous Waste Regulation Section
Twin Towers Office Building
Room 479
2600 Blair Stone Road
Tallahassee, FL 32399-2400

(904) 488-0300

Florida

Florida Dept. of Env. Regulations
Hazardous Waste Regulation Section
Twin Towers Office Building
Room 479
2600 Blair Stone Road
Tallahassee, FL 32399-2400

(904) 488-0300

NOTIFICATION/MANIFEST
CONTACTSID NUMBER ISSUED
(MAIL-IN COMPLETED FORMS)Georgia

Georgia Dept. of Natural Resources
Environmental Protection Div.
Land Protection Branch
Suite 1154, Floyd Towers East
205 Butler Street, S. E.
Atlanta, GA 30334

(404) 656-2833
(800) 334-2373

Georgia

Georgia Dept. of Natural Resources
Environmental Protection Div.
Land Protection Branch
Suite 1154, Floyd Towers East
205 Butler Street, S. E.
Atlanta, GA 30334

(404) 656-2833
(800) 334-2373

Guam

Guam EPA
IT&E, Harmon Plaza, Unit D-11
130 Rojas St.
Harmon, Guam 96911

[011] (671) 646-8863

GuamTo obtain information or forms:

Guam EPA
IT&E, Harmon Plaza, Unit D-11
130 Rojas St.
Harmon, Guam 96911

[011] (671) 646-8863

Mail completed forms to:

U.S. EPA Region IX PRC-H-3-4
Hazardous Waste Mgt. Div.
594 Howard St. Suite 401
San Francisco, CA 94105

(415) 495-8895

Hawaii

Hazardous Waste Program
Hawaii Dept. of Health
P. O. Box 3378
Honolulu, HI 96810

(808) 548-2270

Hawaii

To obtain information on forms:
Hazardous Waste Program
Hawaii Dept. of Health
P. O. Box 3378
Honolulu, HI 96801

(808) 548-2270

Mail completed forms to:

U.S. EPA Region IX PRC-H-3-4
Hazardous Waste Mgt. Office
594 Howard St. Suite 401
San Francisco, CA 94105

(415) 495-8895

NOTIFICATION/MANIFEST
CONTACTS

ID NUMBER ISSUED
(MAIL-IN COMPLETED FORMS)

Idaho

Id. Dept. of Health & Welfare
Bureau of Hazardous Materials
Tower Bldg., Third Floor
450 West State St.
Boise, ID 83720

(208) 334-5879

Idaho

Id. Dept. of Health and Welfare
Bureau of Hazardous Materials
Tower Bldg., Thrd Floor
450 West State St.
Boise, ID 83720

(208) 334-5879

Illinois

Div. of Land Pollution Control
Illinois Env. Protection Agency
2200 Churchill Road
Springfield, IL 62794-9276

(217) 782-6760/6761

Illinois

Illinois Env. Protection Agency
Division of Land Pollution Control
2200 Churchill Road
Springfield, Il 62794-9276

(217) 782-6760/6761

Indiana

Ofc. of Solid & Hazardous Waste
Indiana Dept. of Env. Management
105 South Meridian Street
P. O. Box 6015
Indianapolis, IN 46225

(317) 232-3210/4535

Indiana

U.S. EPA Region V
RCRA Activities
5HR-13
77 West Jackson Blvd.
Chicago, IL 60604

(312) 886-4001/886-0988

Iowa

U.S. EPA Region VII *
RCRA Branch
726 Minnesota Ave.
Kansas City, Kans. 66101

(913) 551-7058
(800) 223-0425

Iowa

U.S. EPA Region VII
RCRA Branch
726 Minnesota Avenue
Kansas City, KS 66101

(913) 551-7058
(800) 223-0425

* For ReCRA Hazardous Waste issues; other questions may be directed to the
Iowa State Dept. of Natural Resources, H. A. Wallace Bldg., Des Moines,
Iowa 50319 (515) 281-5145 [Solid Waste Section (515) 281-4968]

<u>NOTIFICATION/MANIFEST CONTACTS</u>	<u>ID NUMBER ISSUED (MAIL-IN COMPLETED FORMS TO</u>
<u>Kansas</u>	<u>Kansas</u>
Kansas Dept. of Health & Env. Bureau of Waste Mgmt. Forbes Field, Bldg 740 Topeka, KS 66620	Kansas Dept. of Health & Env. Bureau of Waste Mgmt. Forbes Field, Bldg 740 Topeka, KS 66620
(913) 296-1600	(913) 296-1600
<hr/>	
<u>Kentucky</u>	<u>Kentucky</u>
Kentucky Dept. for Env. Protection Div. of Waste Mgmt. Frankfort Office Park 18 Reilly Road Frankfort, KY 40601	Kentucky Dept. for Env. Protection Div. of Waste Mgmt. Generator Registration Frankfort Office Park 18 Reilly Road Frankfort, KY 40601
(502) 564-6716 Ext 237	(502) 564-6716 Ext 237
<hr/>	
<u>Louisiana</u>	<u>*Louisiana</u>
Hazardous Waste Division Louisiana Dept. of Env. Quality P. O. Box 44307 Baton Rouge, LA 70804	Hazardous Waste Division Louisiana Dept. of Env. Quality P. O. Box 44307 Baton Rouge, LA 70804
(504) 342-4677	(504) 342-4677
<p>*If you dispose of RCRA listed or characteristic waste in Louisiana, you <u>must</u> have an EPA ID Number.</p>	
<hr/>	
<u>Maine</u>	<u>Maine</u>
Bureau of Oil & Hazardous Materials Control Maine Dept. of Env. Protection State House - Station 17 Augusta, ME 04333	Bureau of Oil & Hazardous Materials Control Maine Dept. of Env. Protection State House - Station 17 Augusta, ME 04333
(207) 289-2651	(207) 289-2651

NOTIFICATION/MANIFEST
CONTACTSID NUMBER ISSUED
(MAIL-IN COMPLETED FORMS TO)Maryland

Md. Dept. of the Environment
Haz. & Solid Waste Mngmt. Admin.
2500 Broening Highway
Building 40 - 2nd Floor
Baltimore, MD 21224

(301) 631-3304/3343

Maryland

Md. Dept. of the Environment
Haz. & Solid Waste Mngmt. Admin.
2500 Broening Highway
Building 40 - 2nd Floor
Baltimore, MD 21224

(301) 631-3304/3343

(This State will send forms to:

U.S. EPA Region III
RCRA Programs Branch
3HW-52
841 Chestnut Building
Philadelphia, PA 191075

(215) 597-3884 [(800) 438-2474])

Massachusetts

Mass. Dept. of Env. Protection
Div. of Hazardous Waste
One Winter St., 5th Floor
Boston, MA 02108

(617) 292-5589/5851/5961

Massachusetts

Mass. Dept. of Env. Protection
Div. of Hazardous Waste
One Winter St., 5th Floor
Boston, MA 02108, 5th Floor

(617) 292-5589/5851/5961

Michigan *

Waste Management Division
Dept. of Natural Resources
P.O. Box 30038
Lansing, MI 48909

(517) 373-2730

Michigan *

U.S. EPA Region V
Waste Management Div.
5HR-13
77 West Jackson Blvd.
Chicago, IL 60604

(312) 886-4001/353-4685

Minnesota

Minnesota Pollution Control Agcy.
Solid & Hazardous Waste Division
520 Lafayette Rd., North
St. Paul, MN 55155

(612) 296-7282

Minnesota

Mail completed forms to:
U.S. EPA Region V
RCRA Activities
5HR-13
77 West Jackson Blvd.
Chicago, IL 60604

(312) 886-4001/886-6190

* "Conditionaly Exempt" Small Quantity Generators should check with this office concerning "MIG" numbers.

NOTIFICATION/MANIFEST
CONTACTSID NUMBER ISSUED
(MAIL-IN COMPLETED FORMS)Nebraska

Nebr. Dept. of Environmental Control
Hazardous Waste Section
P.O. Box 98922 - Statehouse Station
Lincoln, NE 68509-8922

(402) 471-4217

Nebraska

Nebr. Dept. of Environmental Control
Hazardous Waste Section
P.O. Box 98922 - Statehouse Station
Lincoln, NE 68509-8922

(402) 471-4217

Nevada

Dept. of Conservation and Nat. Res.
Div. of Environmental Protection
Waste Management Section
Capitol Complex
123 West Nye Lane
Carson City, NV 89710

(702) 687-5872

Nevada

Dept. of Conservation and Nat. Res.
Div. of Environmental Protection
Waste Management Section
Capitol Complex
123 West Nye Lane
Carson City, NV 89710

(702) 687-5872

(This State will send Forms to:

U.S. EPA Region IX (PRC-H-3-4)
594 Howard St. Suite 401
San Francisco, Cal. 94105

(415) 495-8895

New Hampshire

Reporting Section
Division of Waste Management
Dept. of Environmental Svcs.
Health & Welfare Building
6 Hazen Drive
Concord, NH 03301-6509

(603) 271-2921

New Hampshire

Reporting Section
Division of Waste Management
Dept. of Environmental Svcs.
Health & Welfare Building
6 Hazen Drive
Concord, NH 03301-6509

(603) 271-2921

NOTIFICATION/MANIFEST
CONTACTSID NUMBER ISSUED
(MAIL-IN COMPLETED FORMS)Mississippi

Miss. Dept. of Environmental Qual.
Hazardous Waste Division
P. O. Box 10385
Jackson, MI 39289-0385

(601) 961-5062

Mississippi

Miss. Dept. of Environmental Qual.
Hazardous Waste Division
P. O. Box 10385
Jackson, MI 39289-0385

(601) 961-5062

Missouri

Mo. Dept of Natural Resources
Waste Management Program
P. O. Box 176
205 Jefferson St.
Jefferson City, MO 65102

(314) 751-3176
(800) 334-6946

Missouri

Mo. Dept of Natural Resources
Waste Management Program
P. O. Box 176
205 Jefferson St.
Jefferson City, MO 65102

(314) 751-3176
(800) 334-6946

Montana

Dept. of Health & Env. Sciences
Solid & Haz. Waste Bureau
301 South Park
Helena, MT 59620

(406) 449-5414

Montana

Dept. of Health & Env. Sciences
Solid & Haz. Waste Bureau
301 South Park
Helena, MT 59620

(406) 449-5414

(This State will send Forms to:

U.S. EPA Region VIII
Waste Mngmt Div.
8HWM-HW
Denver Place
999 18th St., Suite 500
Denver, CO 80202-2905

(303) 293-1795)

NOTIFICATION/MANIFEST
CONTACTS

ID NUMBERS ISSUED
(MAIL-IN COMPLETED FORMS)

New Jersey

To Obtain Information:

Div. of Hazardous Waste Mngmt.
N.J. Dept. of Env. Protection
CN-028
401 East State Street
Trenton, NJ 08625

(609) 292-8341

New Jersey

Obtain Forms from and
Mail Completed Forms to:

U.S. EPA Region II
Permits Admin. Branch
26 Federal Plaza - Room 505
New York, NY 10278

(212) 264-9883

New Mexico

Hazardous Waste Bureau
N.M. Env. Improvement Div.
1190 St. Francis Drive
Santa Fe, NM 87504

(505) 827-2929

New Mexico

Hazardous Waste Bureau
N.M. Env. Improvement Div.
1190 St. Francis Drive
Santa Fe, NM 87504

(505) 827-2929

(This State will send forms to:

U.S. EPA Region VI
Hazardous Waste Mngmt. Div.
First Interstate Bank Tower
at Fountain Place, Suite 1200
1445 Ross Avenue, 12th Floor
Dallas, TX 75202

(214) 655-6700

New York

Div. of Haz. Substances Reg.
Manifest Section
Dept. of Env. Conservation
50 Wolf Road, Room 207
Albany, NY 12233-7252

(518) 457-0530/6858

New York

Mail completed forms to:

U.S. EPA Region II
Permits Admin. Br.
26 Federal Plaza, Room 505
New York, NY 10278

(212) 264-9883

-12-

NOTIFICATION/MANIFEST
CONTACTSID NUMBERS ISSUED
(MAIL-IN COMPLETED FORMS)North Carolina

Hazardous Waste Section
 Solid Waste Mngmt. Division
 Dept. of Environmental Health
 and Natural Resources
 401 Oberlin Road
 Raleigh, NC 27605

(919) 733-2178

North Carolina

Hazardous Waste Section
 Solid Waste Mngmt. Division
 Dept. of Environmental Health
 and Natural Resources
 P. O. Box 27687
 Raleigh, NC 27611-7687

(919) 733-2178

North Dakota

Division of Hazardous Waste
 Management & Special Studies
 N.D. Department of Health
 1200 Missouri Ave., Rm 302
 Bismarck, ND 58502-5520

(701) 221-5166

North Dakota

Division of Hazardous Waste
 Management & Special Studies
 N.D. Department of Health
 1200 Missouri Ave., Rm 302
 Bismarck, ND 58502-5520

(701) 221-5166

[will send Forms to Reg.]

Ohio

Div. of Solid & Haz. Waste Mngmt.
 Ohio Env. Protection Agency
 1800 Water Mark Drive
 Columbus, OH 43266

or:
 P.O. Box 1049
 Columbus, OH 43266-0149

(614) 644-2917

(See Next Page for
 District Offices)

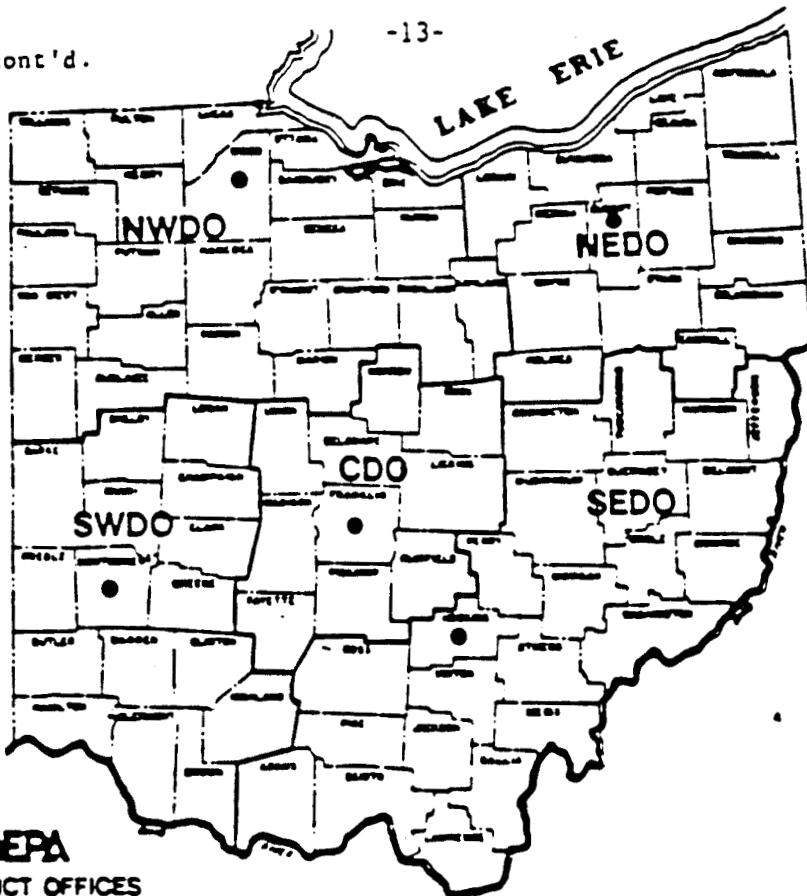
Ohio

RCRA Activities
 U.S. EPA Region V
 5HR-13
 77 West Jackson Blvd.
 Chicago, IL 60604

(312) 353-4789

(312) 886-4001

Ohio cont'd.



**Ohio EPA
DISTRICT OFFICES**

CDO - Central District Office
2305 Westbrooke Drive, Building C
Columbus, Ohio 43228
614/771-7503
4-800-686-2330

NEDO - Northeast District Office
2110 East Aurora Road
Twinsburg, Ohio 44367
216/425-9171
1-800-686-6330

NWDO - Northwest District Office
1035 Deviac Grove Drive
Bowling Green, Ohio 43402
419/352-8461
1-800-686-6930

SEDO - Southeast District Office
2195 Front Street
Logan, Ohio 43138
614/385-8501
1-800-686-7330

SWDO - Southwest District Office
40 South Main Street
Dayton, Ohio 45402
513/469-6357
1-800-686-6930

**NOTIFICATION/MANIFEST
CONTACTS**

Oklahoma

Waste Mngmt. Service
Oklahoma State Dept. of Health
1000 North East 10th Street
Oklahoma City, OK 73152

or:

P.O. Box 53551
Oklahoma City, OK 73152

(404) 271-5338

**ID NUMBERS ISSUED
(MAIL-IN COMPLETED FORMS)**

Oklahoma

Waste Mngmt. Service
Oklahoma State Dept. of Health
1000 North East 10th Street
Oklahoma City, OK 73152

or:

P. O. Box 53551
Oklahoma City, OK 73152

(404) 271-5338

NOTIFICATION/MANIFEST
CONTACTSID NUMBER ISSUED
(MAIL-IN COMPLETED FORMS TO)Oregon

Oregon Dept. of Env. Quality
Haz. & Solid Waste Div.
811 S.W. 6th Avenue
Portland, OR 97204

(503) 229-5316/5913
(800) 452-4011

Oregon

Hazardous & Solid Waste Div.
Oregon Dept. of Env. Quality
811 S.W. 6th Avenue
Portland, OR 97204

(503) 229-5316/5913
(800) 452-4011

Pennsylvania

Dept. of Env. Resources
Bureau of Waste Mngmt.
P.O. Box 2063
Harrisburg, PA 17120

(717) 787-7382/9870

Pennsylvania

U.S. EPA Region III*
RCRA Programs
P. O. Box 1418, 3HW 51
841 Chestnut Building
Philadelphia, PA 19107

(215) 597-1230 [(800) 438-2474]

* For Temporary ID Numbers, forms should be sent to the Pennsylvania State office shown.

Puerto Rico

Land Pollution Control Area
P. R. Env. Quality Board
P.O. Box 11488
Santurce, PR 00910-1488

(809) 722-0439

Puerto Rico

Permit Admin. Branch
U.S. EPA Region II
25 Federal Plaza
New York, NY 10278

(212) 264-9883

Rhode Island

Div. of Air and Haz. Materials
R.I. Dept. of Environmental Mngmt.
291 Promenade Street
Providence, RI 02908

(401) 277-2797 [Air-(401) 277-2808]

Rhode Island

Div. of Air and Haz. Materials
R.I. Dept. of Environmental Mngmt.
291 Promenade Street
Providence, RI 02908

(401) 277-2797

NOTIFICATION/MANIFEST
CONTACTS

ID NUMBER ISSUED
(MAIL-IN COMPLETED FORMS TO)

South Carolina

Bureau of Solid & Haz. Waste
 Mngmt.
 Dept. of Health & Env. Control
 2600 Bull St.
 Columbia, SC 29201

(803) 734-5200

South Carolina

EPA Region IV
 Hazardous Waste Mngmt. Div
 345 Courtland St., N.E.
 Atlanta, GA 30365

(404) 347-2234;

(800) 241-1754 (for S.C., Alabama,
 Fla., Ken., Miss., N.C., Tenn.)

(800) 282-0239 (for Ga. only)

South Dakota

Div. of Environmental Regulation
 S. D. Dept. of Water & Natural Res.
 Joe Foss Building,
 523 E. Capitol Avenue
 Pierre, SD 57501-3181

(605) 773-3153

South Dakota

Div. of Environmental Regulation
 S. D. Dept. of Water & Natural Resources
 Joe Foss Building,
 523 E. Capitol Avenue
 Pierre, SD 57501-3181

(605) 773-3153

(This State will send forms to:

EPA Region VIII
 Haz. Waste Management Division
 Denver Place (8HWM-HW)
 999 - 18th St., Suite 500
 Denver, CO 80202-2905

(303) 293-1795)

Tennessee

Div. of Solid Waste Mngmt.
 Tenn. Dept. of Health & Env.
 Customs House - 4th Floor
 701 Broadway
 Nashville, TN 37247-3530

(615) 741-3424

Tennessee

Div. of Solid Waste Mngmt.
 Tenn. Dept. of Health & Env.
 Customs House - 4th Floor
 701 Broadway
 Nashville, TN 37247-3530

(615) 741-3424

NOTIFICATION/MANIFEST
CONTACTSID NUMBER ISSUED
(MAIL-IN COMPLETED FORMS TO)Texas

Notification & Waste
Classification Unit
Texas Water Commission
1700 North Congress
Austin, Texas 78701

(512) 463-8175

Texas

Notification & Waste
Classification Unit
Texas Water Commission
P.O. Box 13087
Capitol Station
Austin, Texas 78711-3087

(512)463-8175

(Forms are then sent to:

U.S. EPA Region VI
Hazardous Waste Mgmt Div.
First Interstate Bank Tower
at Fountain Place
1445 Ross Avenue
Dallas, TX 75202

(214) 655-6700/6770)

Utah

Bureau of Solid & Haz. Waste
Utah Dept. of Health
P.O. Box 16690
288 North 1460 West
Salt Lake City, UT 84116-0690

(801) 538-6170

Utah

Bureau of Solid & Haz. Waste
Utah Dept. of Health
P.O. Box 16690
288 North 1460 West
Salt Lake City, UT 84116-0690

(801) 538-6170

(This State will mail completed
forms to:

EPA Region VIII
Waste Management Division
Denver Place (8HWM-HW)
999 18th St, Suite 500
Denver, CO 80202-2905

(303) 293-1795)

Vermont

Waste Management Division
Vmt. Agency of Env. Conservation
103 S. Main Street
Waterbury, VT 05676

(802) 244-8702

Vermont

Waste Management Division
Vmt. Agency of Env. Conservation
103 S. Main Street
Waterbury, VT 05676

(802) 244-8702

<u>NOTIFICATION/MANIFEST CONTACTS</u>	<u>ID NUMBER ISSUED (MAIL-IN COMPLETED FORMS TO)</u>
<u>Virginia</u>	
Va. Department of Waste Management Monroe Bldg. - 11th Floor 101 N. 14th Street Richmond, VA 23219	Va. Department of Waste Management Monroe Bldg. 101 N. 14th Street Richmond, VA 23219
(804) 225-2667 (800) 552-2075	(804) 225-2667 (800) 552-2075
(This State will send forms to:	
U.S. EPA Region III RCRA Programs Branch 3HWS2 841 Chestnut Building Philadelphia, PA 19107	
(215) 597-3884 [(800)-438-2474])	
<hr/>	
<u>Virgin Islands</u>	
Div. of Environmental Protection V. I. Dept. of Planning and Natural Resources 45 A Nisky Center Suite 231 St. Thomas, VI 00801	U.S. EPA Region II Permits Admin. Branch 26 Federal Plaza, Room 505 New York, NY 10278
(809) 774-3320	(212) 264-9883
<hr/>	
<u>Washington</u>	
Solid & Haz. Waste Programs Wash. Dept. of Ecology Mail Stop PV-11 Olympia, WA 98504	Solid & Haz. Waste Programs Wash. Dept. of Ecology Mail Stop PV-11 Olympia, WA 98504
(206) 459-6316/6322	(206) 459-6316/6322
(800) 633-7585	(800) 633-7585
<hr/>	

-18-

<u>NOTIFICATION/MANIFEST CONTACTS</u>	<u>ID NUMBER ISSUED (MAIL-IN COMPLETED FORMS TO)</u>
<u>West Virginia</u>	<u>West Virginia</u>
Waste Management Section W. Va. Dept. of Commerce, Labor & Environmental Resources 1356 Hanford Street Charleston, WV 25301	Waste Management Section W. Va. Dept. of Commerce, Labor & Environmental Resources 1356 Hanford Street Charleston, WV 25301
(304) 348-5935	(304) 348-5935
(This State sends forms to:	
U.S. EPA Region III RCRA Programs Branch 3HW52 841 Chestnut Building Philadelphia, PA 19107	
(215) 597-3884 [(800) 438-2474])	
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<u>Wisconsin</u>	<u>Wisconsin</u>
Bureau of Solid Waste Mngmt. Department of Natural Resources P.O. Box 7921 Madison, WI 53703 (101 S. Webster St. Madison, WI 53707)	U.S. EPA Region V RCRA Activities 5HR-13 77 West Jackson Blvd. Chicago, IL 60604
(608) 266-1327/7055	(312) 886-4001/886-6190
<hr/>	
<u>Wyoming</u>	<u>Wyoming</u>
Solid Waste Management Program Wy. Dept. of Environmental Quality 122 W. 25th Street Cheyenne, WY 82002	U. S. EPA Region VIII Hazardous Waste Mngmt. Div. Denver Place (8HWM-HW) 999 18th St. Suite 500 Denver, CO 8202-2405
(307) 777-7752	(303) 293-1795

§ EPA Region I, State Waste Programs Branch, JFK Federal Building, Room 2203, Boston, Mass. 02203 may be contacted on (617) 573-5707. For the other Regions, see preceding pages as follows: Region II, p 14; Region III, p 4; Region IV, p 15; Region V, p 6; Region VI, p 16; Region VII, p 6; Region VIII, p 3; Region IX, p 1; Region X, p 1.

NOTE: This handbook was intended to avoid the need for you to obtain, read, and understand the actual regulatory requirements for small quantity generators contained in the *Code of Federal Regulations* (CFR). However, if you wish to obtain a copy of the actual regulations, you may do so by requesting a copy of the March 24, 1986 *Federal Register* from one of the sources in Appendix A. The requirements for small quantity generators are contained in Parts 261 and 262 of the hazardous waste regulations.

