US EPA RECORDS CENTER REGION 5
413627

Notification of Regulated
Waste Activity

1997 HAZARDOUS WASTE REPORT
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PURPOSE OF THE 1997 HAZARDOUS WASTE REPORT

The Indiana Department of Environmental Management's (IDEM) mission to protect human health and the environment includes the responsibility to effectively manage Indiana's hazardous waste. As part of this task, IDEM collects and maintains information about the generation, management, and final disposition of hazardous waste regulated by the Resource Conservation and Recovery Act (RCRA), and about efforts to minimize or reduce these wastes.

IDEM has prepared this booklet for generators and treatment, storage, and disposal facilities to report their hazardous waste activities for 1997. The information collected will be used to:

- Provide Indiana and the U.S. Environmental Protection Agency with an understanding of hazardous waste generation, management, and waste minimization activities in Indiana.
- Help measure the quality of the environment;
- Communicate the findings to the public, through the 1997 National Biennial RCRA Hazardous Waste Report and through reports generated and distributed to respond to specific needs.

In order to accomplish these goals, the data you provide will be entered into a computer database. After review to ensure the quality of the data, the data will be passed on to the U.S. EPA and a national database will be assembled. Your efforts in carefully filling out the required forms are greatly appreciated.

Indiana and the EPA will compile this information and make it available to all interested parties. Other sectors can use it for their hazardous waste management decisions. Thus, the more complete and accurate the data, the better everyone's overall understanding of this dynamic and diverse industry. Better understanding will contribute to better overall decisions and more efficient and effective programs to protect our environment.

AUTHORITY

Your site may be required to file this report under the Resource Conservation and Recovery Act (RCRA) of 1976. The authorizing legislation for the 1997 Hazardous Waste Report is contained in Sections 3002 and 3004 of the Resource Conservation and Recovery Act of 1976, as amended by the Hazardous and Solid Waste Amendments of 1984 (HSWA). Section 3002 requires hazardous waste generators to report to EPA or authorized States, at least every two years, the quantities, nature, and disposition of generated hazardous waste and the efforts taken to reduce the volume and toxicity of hazardous waste in comparison to previous years. Under the authority of Section 3004, EPA has extended the reporting requirements to treatment, storage, and disposal facilities for the wastes they receive.

Indiana Rules 329 IAC 3.1-7-14, 329 IAC 3.1-9-1, and 329 IAC 3.1-10-1 adopt the federal rules and require Large Quantity Generators and Treatment, Storage, and Disposal Facilities to submit a report every other year which describes their hazardous waste activities for the preceding year. Rule 329 IAC 13-7-8 requires used oil processors or re-refiners to report at the same time.

WHO IS REQUIRED TO FILE A REPORT?

Any company who acted as a Large Quantity Generator during *ANY ONE* month in 1997 is required to fill out the report. Any company who has interim status or who is permitted as a treatment, storage, or disposal facility must also fill out the report. For a definition of a Large Quantity Generator please see the inside front cover of this booklet. Anyone who processed or re-refined used oil must also report.

> **If you are not a LQG or TSD, you are not required to submit a biennial report. However, you MUST respond by returning the enclosed "Hazardous Waste Handler Update Form" *indicating your status so that we may update our records.***

SMALL QUANTITY GENERATORS

If you have read the definitions of hazardous waste handlers (page A-57) and determined that you are NOT a Large Quantity Generator or a TSD, you are not required to submit the Biennial Hazardous Waste report.

> **However, if you received this booklet, you MUST respond by returning the enclosed "Hazardous Waste Handler Update Form" indicating your status so that we may update our records.**

WHAT WASTE MUST BE REPORTED?

If your site is required to file the 1997 Hazardous Waste Report, the following should be included in your Report:

- All RCRA hazardous wastes and acute hazardous wastes generated; shipped off-site; or treated, disposed, or recycled at your site;
- All RCRA hazardous wastes received from off-site;
- All hazardous wastes managed in units subject to RCRA permitting requirements;
- All hazardous wastes managed in units exempt from RCRA permitting requirements;
- Radioactive wastes if mixed with RCRA hazardous wastes;
- Hazardous wastes generated as a result of RCRA Corrective Action or other remedial activity; and
- RCRA hazardous wastes generated at Superfund remediation-sites.

WHICH FORMS MUST BE SUBMITTED?

FORM IC This form captures identification information about the reporting company. All sites required to file the 1997 Hazardous Waste Report must submit Form IC.

FORM GM This form documents the waste streams generated and shipped off-site. A site required to file the 1997 Hazardous Waste Report must submit Form GM if it generated or shipped any quantity of RCRA hazardous wastes during 1997.

A separate Form GM must be submitted for each RCRA hazardous waste if any one of the following is true:

- The hazardous waste was generated on-site from a production process, service activity, or routine cleanup;
- The hazardous waste was the result of equipment decommissioning, spill cleanup, or remedial cleanup activity;
- The hazardous waste was derived from the management of non-hazardous waste;
- The hazardous waste was received from off-site, was subsequently shipped off-site and was not recycled or treated on-site; or
- The hazardous waste was a residual from the on-site treatment, disposal, or recycling of previously existing hazardous waste.

FORM WR This form documents all waste received from off-site by a handler. A site required to file the 1997 Hazardous Waste Report must submit Form WR if, during 1997, it received RCRA hazardous waste from off-site.

FORM PS This form collects information about a handler's on-site treatment systems. Sites required to file the 1997 Hazardous Waste Report must submit a Form PS for each on-site hazardous waste treatment, disposal, or recycling process system that existed or was in the closure process during 1997.

FORM OI This form collects name and address information for off-site generators, transporters, and TSDs.

FORM UO This form is to be used by used oil processors and re-refiners to report the quantities of used oil accepted and the processes employed to handle the oil.

HAZARDOUS WASTE HANDLER UPDATE FORM

This pre-printed form contains the identification information for hazardous waste handlers which is currently recorded in IDEM's records. Sites required to file the 1997 Hazardous Waste report should review the information on this form for completeness and accuracy and make any necessary changes to the data.

GROUNDWATER MONITORING

Owners/operators of facilities subject to the groundwater monitoring requirements in 40 CFR 265.94 are required by 40 CFR 265.75 to submit the monitoring data required under 40 CFR 265.94(a) (2) (ii) and (b) (2) with their Biennial Report.

CLOSURE COST ESTIMATE

Treatment, Storage, and Disposal Facilities (TSD's) must complete and return this form.

WHEN TO FILE

The 1997 Hazardous Waste Biennial Report is due by March 1, 1998. An extension until April 1 may be requested by writing to Ms. Jenny Ranck Dooley. Please include your reasons for requesting an extension.

WHERE TO FILE

Send completed forms to:

Ms. Jenny Ranck Dooley
Office of Solid and Hazardous Waste
Indiana Department of Environmental Management
100 N. Senate Avenue
P. O. Box 7035
Indianapolis, Indiana 46207-7035

The zip code for overnight delivery is 46204.

ASSISTANCE

For assistance in completing the Biennial Report, you may call:

a) EPA RCRA, Superfund & EPCRA Hotline
1-800-424-9346
Monday through Friday 9:00 a.m. - 6:00 p.m. EST

b) IDEM Solid & Hazardous Waste staff

Jenny Ranck Dooley	317-232-8925
Marilyn Hansen	317-232-7956
Christopher Purtell	317-233-2772

DOCUMENTS HELPFUL IN FILLING OUT THESE FORMS

In preparing the 1997 Hazardous Waste Report, you will need to consult your records on quantities and types of hazardous waste generated. Some records that might be helpful are listed below.

- Copies of records of quantities of hazardous waste generated or accumulated;
- Hazardous Waste Manifest forms;
- Results of laboratory analysis of your wastes;
- Contracts or agreements with off-site facilities managing your wastes; and
- Copies of permits for on-site waste management systems.

EXTENSION OF DUE DATE

The 1997 Hazardous Waste Biennial Report is due by March 1, 1998. An extension until April 1 may be requested by writing to Jenny Ranck Dooley. Please include your reasons for requesting an extension.

PAGE NUMBERING

Each section (IC, GM, OI, etc.) should be numbered separately. For example, if the GM form has 5 pages, it should be numbered page 1 of 5, page 2 of 5, etc. If it is necessary to continue information from one form onto another page make additional copies of the form and number the additional pages with the same page number as the first page, followed by a letter (e.g., page 27, page 27a, page 28, page 28a, page 28b). When continuing information on a supplemental page, enter only information that is being continued.

RIGHT JUSTIFICATION OF QUANTITIES

Right justify all quantities reported on the forms. For example, enter a quantity of 12,000 tons on the form as follows: |_|_|_|_|1|1|2|0|0|0|0|0|.|0| . Enter a quantity of 29,599.5 tons as follows: |_|_|_|_|2|9|5|9|9|9|.|5| .

COMMENT SECTION

Use the Comments section at the bottom of the forms to clarify or continue any entry. Refer to the comment by entering the section number and box letter. For example, if a waste had six (6) RCRA waste codes, enter the first four (4) in Section I, Box B of Form GM. Enter the last two waste codes in the Comments with a notation of "Sec. I, Box B, continued: D001, D002.

ELECTRONIC REPORTING

Anyone wishing to submit their reports electronically should call Jenny Ranck Dooley at 317-232-8925 to request a set of instructions.

PHOTOCOPIES OF FORMS

A single copy of each form is included in this booklet. Photocopy as many forms as are needed to complete the Report. Make copies **after** you have entered the site name and EPA Identification Number, but **before** you enter information on the form. After you have finished, photocopy the entire report for your records.

Due to time constraints it was necessary for us to print this booklet using a plastic spiral binder. When the forms are removed the booklet, the edges will be ragged. PLEASE trim these edges before copying or sending the forms to us. Thank you!

STATE REGULATED WASTES

Indiana ***DOES NOT*** regulate any waste beyond what is federally regulated.

EXAMPLES OF REPORT FOR HYPOTHETICAL SITES

Appendix B provides examples of hypothetical sites that illustrate the Biennial Report forms that each site should submit and how these forms should be completed.

HAZARDOUS WASTE HANDLER UPDATE FORM

This pre-printed form contains the identification information currently found in IDEM's records. Sites required to file the 1997 Hazardous Waste report should review the information on this form for completeness and accuracy and make any necessary changes to the data.

IF YOU ARE NOT A LQG OR TSD, YOU ARE NOT REQUIRED TO SUBMIT A BIENNIAL REPORT. HOWEVER, YOU MUST RESPOND BY RETURNING THE "HAZARDOUS WASTE HANDLER UPDATE FORM" INDICATING YOUR STATUS SO THAT WE MAY UPDATE OUR RECORDS.

CONFIDENTIAL BUSINESS INFORMATION

You may not withhold information from the Commissioner because it is confidential. However, when the Commissioner is requested to consider information confidential, it must be treated according to regulations contained in 329 IAC Rule 3. These regulations provide that a business may, if it desires, assert a claim of business confidentiality covering all or part of the information furnished to IDEM. Section 3.1-3-3 explains how to assert a claim. IDEM will treat information covered by such a claim in accordance with the procedures set forth in Rule 3. If someone requests release of information covered by a claim of confidentiality, or if IDEM otherwise decides to make a determination as to whether such information is entitled to confidential treatment, IDEM will notify the business. If the business does not claim confidentiality when it furnishes the information, IDEM may make the information available to the public without notice to the business.

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SPECIAL INSTRUCTIONS

PCBs and ASBESTOS

Indiana ***DOES NOT*** require these wastes to be reported on the Hazardous waste report. ***DO NOT*** report these unless :

(1) A listed RCRA hazardous waste (i.e. EPA hazardous waste code that begins with F, K, P, or U) is mixed with asbestos or PCBs, in which case the entire mixture is a hazardous waste; or

(2) The waste possesses one or more of the characteristics that result in assigning an EPA hazardous waste code beginning with D.

USED OIL

Used Oil must be reported as being generated if any of the following conditions exist:

(1) If a listed RCRA hazardous waste (i.e. EPA hazardous waste code that begins with F, K, P, or U) is mixed with the oil, in which case the entire mixture is a hazardous waste; or

(2) The waste possesses one or more of the characteristics that result in assigning an EPA hazardous waste code beginning with D.

DO NOT report "used oil that exhibits one of more of the characteristics of hazardous waste but is recycled in some other manner than being burned for energy recovery". DO report it if the waste oil is burned or disposed.

Rule 329 IAC 13-7-8(b) requires that a used oil processor or re-refiner must report to the commissioner, in the form of a letter, on a biennial basis on March 1 of each even-numbered year. You may use the enclosed Used Oil form to report this waste. Used oil generators, collection centers, transporters, transfer facilities, off-specification burners, and marketers are not required to report.

LAB PACKS

The following rules apply to the reporting of lab pack wastes in the 1997 Hazardous Waste Report:

(1) You may aggregate lab pack waste containers in most cases. However, you must report them as separate wastes under the following conditions:

- If they contain **RCRA acute hazardous wastes** (i.e., EPA hazardous waste codes F020, F021, F022, F023, F026, F027, and all "P" waste codes). Report separately from lab packs containing other RCRA hazardous wastes (all other EPA hazardous waste codes).

- If they are managed differently from each other. For example, report lab packs shipped to landfills separately from those incinerated.

(2) Enter a form code (see page A-49) indicating lab packs (i.e., B001, B002, B003, B004, or B009) in Section I, Box H of Form GM, or Box F of Form WR. These Form codes are to be used with any lab pack, whether the wastes are gaseous, liquid, solid, or sludge.

(3) It is **NOT** necessary to report every EPA hazardous waste code included in a batch of lab packs. Record one, or a few predominant, EPA hazardous waste codes in Section I, Box B of Form GM, or Box B of Form WR. If there are many EPA hazardous waste codes associated with the batch of lab packs, enter "LABP" in the first four-character field in Section I, Box B of Form GM, or Box B of Form WR; then enter "NA" in the remaining spaces for EPA hazardous waste codes.

(4) When reporting quantities for lab packs:

- **Include** the weight of the containers if they are disposed (e.g., landfilled) or treated (e.g., incinerated) with the waste.

- **Exclude** the weight of the containers if the waste is removed from the containers before treatment or disposal.

(5) Origin codes for lab packs vary depending on the situation. Review the Origin codes carefully (see page 24 to determine which is most appropriate in your case.

GROUNDWATER CONTAMINATED BY LEACHATE

Groundwater contaminated by RCRA hazardous waste leachate is not considered a solid waste and is, therefore, not classified as a hazardous waste. However, because hazardous waste is "contained in" the groundwater, it must be treated "as if" it were a RCRA hazardous waste. When reporting groundwater contaminated by leachate in the 1997 Hazardous Waste Report, observe the following conventions:

(1) **Do not** report generation quantities for contaminated groundwater. Enter "NA" in Form GM, Section II, Box A. Explain in the Comments section that it is groundwater, not a hazardous waste, that was generated on site.

(2) **Do** report quantities managed on site (Form GM, Section II, On-site Process Systems 1 and 2); quantities shipped off site for management (Form GM, Section III); and quantities received from off site and managed on site (Form WR, Box D).

RCRA-RADIOACTIVE MIXED WASTES

By themselves, source material, special nuclear material, or by-product materials (See Definitions section beginning on page 29), as defined by the Atomic Energy Act of 1954 and amended by 42 U.S.C. 2011 et. seq., are not classified as hazardous wastes under RCRA. However, if these materials are mixed with a RCRA hazardous waste, the material is controlled under RCRA regulation, as well as under the Atomic Energy Act (DOE, NRC, and EPA) regulations, and is to be reported in the 1997 Hazardous Waste Report.

WASTES RECEIVED FROM CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS (CESQGS)

Waste management facilities sometimes receive hazardous wastes from large numbers of Conditionally Exempt Small Quantity Generators (CESQGs) or other handlers that do not have RCRA EPA Identification Numbers. To minimize the response burden for filling out the WR form for these wastes, you may aggregate the wastes across generating sites, in accordance with the following guidelines:

(1) All the wastes must have the same EPA hazardous waste code (Box B), Form code (Box G), RCRA-radioactive mixed code (Box H), and System Type code (Box I).

(2) Wastes received from different States must be reported separately. For the off-site handler EPA ID number (Box D), the entry should include the two letter postal code of the originating State, followed by the letters "CESQG."

For example, wastes received from several CESQGs in the State of Alaska (AK) that share a common EPA hazardous waste code, State hazardous waste code, Form code, RCRA-radioactive mixed code, and System Type code could be aggregated in a single waste block of Form WR (e.g., Waste 1). In Box D, the off-site handler EPA ID number is entered as "AKCESQG."

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FORM IC - IDENTIFICATION AND CERTIFICATION INSTRUCTIONS

WHO MUST SUBMIT THIS FORM?

All sites required to file the 1997 Hazardous Waste Report must submit Form IC. See inside of front cover to determine whether you are required to file. Examples of how to fill out the form are provided in Appendix B.

PURPOSE OF THIS FORM

Form IC identifies large quantity generators (LQGs) and treatment, storage, and disposal (TSD) facilities engaging in hazardous waste generation and management activities for the reporting year. Form IC is divided into seven sections. Sections I through III identify the site. Section IV certifies the information reported throughout is truthful, accurate, and complete. Sections V and VI document whether you are a generator, a TSD or both. Section VII records information on waste minimization activities during 1996 and 1997.

HOW TO FILL OUT THIS FORM

You should fill out all seven sections. In the top right corner of the first page of the form, enter the site name and EPA identification number. On the second page of the form, enter the ID number and name at the top. Use the Comments section at the end of the form to clarify or continue any entry. Preceding the comment, reference the section number and box letter to which it refers. After removing the form from the booklet, please trim the ragged edges.

SECTION I: SITE NAME AND LOCATION ADDRESS

Fill out Boxes A through H. In Box B, enter the county, borough, or parish in which the site is located. In Box D, check "Yes" or "No" to indicate whether the site/company name associated with this EPA Identification Number has changed since 1995. The EPA Identification Number is address specific and cannot be transferred to a new location.

SECTION II: MAILING ADDRESS OF SITE

Check "Yes" or "No" to indicate if the site's mailing address is the same as the location address listed in Section I. If you checked "No", enter the site's mailing address in Boxes B through E.

SECTION III: CONTACT INFORMATION

Enter the full name, title, and phone number of the person who should be contacted if questions arise regarding the information provided in the 1997 Hazardous Waste Report submitted by your site.

FORM IC

SECTION IV: CERTIFICATION

Do not fill out Section IV until all forms required for submission are present, complete, and accurate. The 1997 EPA Hazardous Waste Report Submission Checklist at the back of this booklet is provided to assist you. After all required forms have been completed, print or type the full name and title of the person certifying the submission, and the date. The person certifying the Biennial Report should read the certification statement and sign the form. Photocopy your submission and send the original to IDEM.

SECTION V: GENERATOR STATUS

BOX A: 1997 RCRA GENERATOR STATUS

Check one box to indicate the site's RCRA hazardous waste generation status in 1997.

If the site did generate any RCRA hazardous waste during 1997, review the definitions of LQG, SQG, and CESQG (see below) to determine your generator status. Then check the appropriate box.

If your site did not generate RCRA hazardous waste during 1997, check "4 Non generator" and proceed to Box B.

A site that generates solid waste must determine if that waste is a RCRA hazardous waste, or if it is excluded from regulation under 40 CFR 261.4(b). RCRA hazardous waste managed solely in units exempt from RCRA permitting requirements are not to be counted in determining if a site is a large quantity generator. However, if a site is required to file the 1997 Hazardous Waste Report, the RCRA hazardous waste treated solely in exempt units should be reported. If a waste is excluded, its quantity should not be counted in determining RCRA generator status.

◆ ***1997 RCRA GENERATOR STATUS CODES***

1- LQG: LARGE QUANTITY GENERATOR

This site is a Large Quantity Generator if, in 1997, it met **any** of the following criteria:

a) The site generated in one or more months, during 1997, 1,000 kg (2,200 lbs) or more of RCRA hazardous waste; **or**

b) The site generated in one or more months, during 1997, or accumulated at any time, 1 kg (2.2 lbs) of RCRA acute hazardous waste; **or**

c) The site generated or accumulated at any time more than 100 kg (220 lbs) of spill cleanup material contaminated with RCRA acute hazardous waste.

INDIANA

1997 Hazardous Waste Report

APPENDIX A

CODE LISTS AND REFERENCE INFORMATION

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EXCLUDED WASTES

THIS SECTION PRESENTS A PARTIAL LISTING OF EXCLUDED WASTES. THE WASTES LISTED HERE ARE EXCLUDED FROM THE DEFINITION OF A SOLID WASTE IN 40 CFR 261.4(A) OR ARE SOLID WASTES EXCLUDED FROM THE DEFINITION OF A HAZARDOUS WASTE IN §261.4(B).

WASTE CATEGORY	WASTE DESCRIPTION
ACID, SULFURIC	SPENT SULFURIC ACID USED TO PRODUCE VIRGIN SULFURIC ACID, UNLESS IT IS *ACCUMULATED SPECULATIVELY AS DEFINED IN 40 CFR 261.1(C).*
AGRICULTURE, IRRIGATION	IRRIGATION RETURN FLOW.
CEMENT KILN DUST	CEMENT KILN DUST WASTE, EXCEPT AS PROVIDED BY 40 CFR 266.112 FOR FACILITIES THAT BURN OR PROCESS HAZARDOUS WASTE. REQUIREMENTS FOR GENERATORS AND MANAGERS OF CEMENT KILN DUST, INCLUDING REPORTING REQUIREMENTS, ARE CURRENTLY BEING DETERMINED BY EPA. CONTACT THE RCRA, SUPERFUND & EPCRA HOTLINE (SEE PAGE 3 FOR NUMBER) FOR FURTHER GUIDANCE.
CHROMIUM, LEATHER TANNING	A WASTE THAT IS CONSIDERED HAZARDOUS BECAUSE IT IS LISTED DUE TO THE PRESENCE OF CHROMIUM OR IT HAS FAILED THE TOXICITY CHARACTERISTIC LEACHING PROCEDURE DUE ONLY TO CHROMIUM'S PRESENCE, IF IT IS SHOWN BY THE WASTE GENERATOR THAT: (1) THE CHROMIUM IN THE WASTE IS EXCLUSIVELY, OR NEARLY EXCLUSIVELY, TRIVALENT CHROMIUM; (2) THE WASTE IS GENERATED FROM AN INDUSTRIAL PROCESS THAT USES TRIVALENT CHROMIUM EXCLUSIVELY, OR NEARLY EXCLUSIVELY, AND THE PROCESS DOES NOT GENERATE HEXAVALENT CHROMIUM; AND (3) THE WASTE IS TYPICALLY AND FREQUENTLY MANAGED IN NON-OXIDIZING ENVIRONMENTS. SPECIFIC WASTE TYPES THAT MEET THE EXCLUSION ARE LISTED IN 40 CFR 261.4(B)(6)(II).
COKING BY-PRODUCTS	EPA HAZARDOUS WASTE CODES K060, K087, K141, K142, K143, K144, K145, K147, AND K148, AND ANY WASTES FROM COKE BY-PRODUCTS PROCESSES THAT ARE HAZARDOUS ONLY BECAUSE THEY EXHIBIT THE TOXICITY CHARACTERISTIC SPECIFIED IN 40 CFR 261.24 WHEN, SUBSEQUENT TO GENERATION, THESE MATERIALS ARE RECYCLED TO COKE OVENS, TO THE TAR RECOVERY PROCESS AS A FEEDSTOCK TO PRODUCE COAL TAR, OR MIXED WITH COAL TAR PRIOR TO THE TAR'S SALE OR REFINING. THIS EXCLUSION IS CONDITIONED ON THERE BEING NO LAND DISPOSAL OF THE WASTES FROM THE POINT THEY ARE GENERATED TO THE POINT THEY ARE RECYCLED TO COKE OVENS, TAR RECOVERY, OR REFINING PROCESSES, OR ARE MIXED WITH COAL TAR.
CONDENSER RESIDUE	NON-WASTEWATER SPLASH CONDENSER DROSS RESIDUE FROM THE TREATMENT OF K061 IN HIGH TEMPERATURE METALS RECOVERY UNITS, PROVIDED IT IS SHIPPED IN DRUMS (IF SHIPPED) AND NOT LAND DISPOSED BEFORE RECOVERY.
DISTILLATION BOTTOMS	USED OIL RE-REFINING DISTILLATION BOTTOMS THAT ARE USED AS FEEDSTOCK TO MANUFACTURE ASPHALT PRODUCTS.
DRILLING FLUID	A DRILLING FLUID, PRODUCED WATER, OR OTHER WASTE ASSOCIATED WITH THE EXPLORATION FOR OR THE DEVELOPMENT OR PRODUCTION OF CRUDE OIL, NATURAL GAS, OR GEOTHERMAL ENERGY.
EMISSION CONTROL WASTE	FLY ASH WASTE, BOTTOM ASH WASTE, SLAG WASTE, OR FLUE GAS EMISSION CONTROL WASTE GENERATED PRIMARILY FROM THE COMBUSTION OF COAL OR OTHER FOSSIL FUELS,

EXCLUDED WASTES
(Continued)

Waste Category	Waste Description
	EXCEPT AS PROVIDED IN 40 CFR 266.112 FOR FACILITIES THAT BURN OR PROCESS HAZARDOUS WASTE.
FERTILIZER	SOLID WASTE GENERATED FROM GROWING AND HARVESTING OF AGRICULTURE CROPS OR RAISING OF ANIMALS (INCLUDING PRODUCTION OF MANURE), WHERE THE WASTE IS RETURNED TO THE SOIL AS A FERTILIZER.
FILTERS, OIL	NON-TERNE PLATED USED OIL FILTERS THAT ARE NOT MIXED WITH WASTES LISTED IN SUBPART D OF 40 CFR PART 261 IF THESE OIL FILTERS HAVE BEEN GRAVITY HOT-DRAINED USING ONE OF THE FOLLOWING METHODS: (1) PUNCTURING THE FILTER ANTI-DRAIN BACK VALVE OR THE FILTER DOME END AND HOT-DRAINING; (2) HOT-DRAINING AND CRUSHING; (3) DISMANTLING AND HOT-DRAINING; OR (4) ANY OTHER EQUIVALENT HOT-DRAINING METHOD THAT WILL REMOVE USED OIL.
HOUSEHOLD	HOUSEHOLD WASTE, INCLUDING HOUSEHOLD WASTE THAT HAS BEEN COLLECTED, TRANSPORTED, STORED, TREATED, DISPOSED, RECOVERED (E.G., REFUSE-DERIVED FUEL), OR REUSED. "HOUSEHOLD WASTE" MEANS ANY WASTE MATERIAL (INCLUDING GARBAGE, TRASH, AND SANITARY WASTES IN SEPTIC TANKS) DERIVED FROM HOUSEHOLDS (INCLUDING SINGLE AND MULTIPLE RESIDENCES, HOTELS AND MOTELS, BUNKHOUSES, RANGER STATIONS, CREW QUARTERS, CAMPGROUNDS, PICNIC GROUNDS, AND DAY USE RECREATION AREAS). A RESOURCE RECOVERY FACILITY MANAGING MUNICIPAL SOLID WASTE SHALL NOT BE DEEMED TO BE TREATING, STORING, DISPOSING, OR OTHERWISE MANAGING HAZARDOUS WASTES FOR THE PURPOSES OF REGULATION UNDER RCRA IF THAT FACILITY: (1) RECEIVES AND BURNS ONLY HOUSEHOLD WASTES (DEFINED ABOVE) AND COMMERCIAL OR INDUSTRIAL SOLID WASTE THAT DOES NOT CONTAIN HAZARDOUS WASTE; AND (2) DOES NOT ACCEPT HAZARDOUS WASTES AND THE OWNER OR OPERATOR OF THE FACILITY HAS ESTABLISHED CONTRACTUAL REQUIREMENTS OR OTHER APPROPRIATE NOTIFICATION OR INSPECTION PROCEDURES TO ASSURE THAT HAZARDOUS WASTES ARE NEITHER RECEIVED NOR BURNED IN THE FACILITY.
GROUNDWATER, INJECTED	INJECTED GROUNDWATER THAT IS HAZARDOUS ONLY BECAUSE IT EXHIBITS THE TOXICITY CHARACTERISTIC (EPA HAZARDOUS WASTE CODES D018 THROUGH D043 ONLY) IN 40 CFR 261.24. ADDITIONAL DETAILS FOR THIS EXCLUSION ARE PROVIDED IN 40 CFR 261.4(B)(11).
MINING	SOLID WASTE FROM THE EXTRACTION, BENEFICIATION, AND PROCESSING OF ORES AND MINERALS (INCLUDING COAL, PHOSPHATE ROCK, AND OVERBURDEN FROM THE MINING OF URANIUM ORE), EXCEPT AS PROVIDED IN 40 CFR 266.112 FOR FACILITIES THAT BURN OR PROCESS HAZARDOUS WASTE. DETAILS ON THE SPECIFIC WASTES AND ACTIVITIES EXCLUDED ARE PROVIDED IN §261.4(B)(7).
MINING, IN SITU	MATERIAL SUBJECTED TO IN SITU MINING TECHNIQUES THAT IS NOT REMOVED FROM THE GROUND AS PART OF THE EXTRACTION PROCESS.
MINING, OVERBURDEN	MINING OVERBURDEN RETURNED TO THE MINE SITE.
NUCLEAR	SOURCE, SPECIAL NUCLEAR, OR BY-PRODUCT MATERIAL ARE DEFINED BY THE ATOMIC

Waste Category	Waste Description
	ENERGY ACT OF 1954, AS AMENDED BY 42 U.S.C. 2011 ET SEQ. FROM THE ATOMIC ENERGY ACT, AS FOLLOWS: "SOURCE MATERIAL" MEANS: (1) URANIUM, THORIUM, OR ANY OTHER MATERIAL, DETERMINED BY THE COMMISSION PURSUANT TO THE PROVISIONS OF SECTION 2091 OF THIS TITLE, TO BE SOURCE MATERIAL; OR (2) ORES CONTAINING ONE OR MORE OF THE FOREGOING MATERIALS IN SUCH CONCENTRATION AS THE COMMISSION MAY BY REGULATION DETERMINE FROM TIME TO TIME. "SPECIAL NUCLEAR MATERIAL" MEANS: (1) PLUTONIUM, URANIUM ENRICHED IN THE ISOTOPE 233 OR IN THE ISOTOPE 235, AND ANY OTHER MATERIAL WHICH THE COMMISSION, PURSUANT TO THE PROVISIONS OF SECTION 2071 OF THIS TITLE, DETERMINES TO BE SPECIAL NUCLEAR MATERIAL, BUT DOES NOT INCLUDE SOURCE MATERIAL; OR (2) ANY MATERIAL ARTIFICIALLY ENRICHED BY ANY OF THE FOREGOING, BUT DOES NOT INCLUDE SOURCE MATERIAL. "BY-PRODUCT MATERIAL" MEANS: (1) ANY RADIOACTIVE MATERIAL (EXCEPT SPECIAL NUCLEAR MATERIAL) YIELDED IN OR MADE RADIOACTIVE BY EXPOSURE TO RADIATION INCIDENT TO THE PROCESS OF PRODUCING OR UTILIZING SPECIAL NUCLEAR MATERIAL; AND (2) THE TAILINGS OR WASTES PRODUCED BY THE EXTRACTION OR CONCENTRATION OF URANIUM OR THORIUM FROM ANY ORE PROCESSED PRIMARILY FOR ITS SOURCE MATERIAL CONTENT.
	IF THE MATERIAL DESCRIBED BY THE ABOVE EXCLUSION IS MIXED WITH A HAZARDOUS WASTE, THE MATERIAL IS REGULATED UNDER RCRA AS WELL AS UNDER THE NUCLEAR REGULATORY ACT AND IS TO BE REPORTED IN THE 1997 HAZARDOUS WASTE REPORT.
PETROLEUM-CONTAMINATED MEDIA AND DEBRIS	PETROLEUM-CONTAMINATED MEDIA AND DEBRIS THAT FAIL THE TOXICITY CHARACTERISTIC IN 40 CFR 261.24 FOR EPA HAZARDOUS WASTE CODES D018 THROUGH D043 ONLY AND ARE SUBJECT TO THE CORRECTIVE ACTION REGULATIONS UNDER 40 CFR PART 280.
PETROLEUM REFINING, RECOVERED OIL	RECOVERED OIL FROM PETROLEUM REFINING, EXPLORATION AND PRODUCTION, AND FROM TRANSPORTATION INCIDENT THERETO, WHICH IS TO BE INSERTED INTO THE PETROLEUM REFINING PROCESS (SIC CODE 2911) AT OR BEFORE A POINT (OTHER THAN DIRECT INSERTION INTO A COKER) WHERE CONTAMINANTS ARE REMOVED. THIS EXCLUSION APPLIES TO RECOVERED OIL STORED OR TRANSPORTED PRIOR TO INSERTION, EXCEPT THAT THE OIL MUST NOT BE STORED IN A MANNER INVOLVING PLACEMENT ON THE LAND, AND MUST NOT BE ACCUMULATED SPECULATIVELY, BEFORE BEING SO RECYCLED. "RECOVERED OIL" IS OIL THAT HAS BEEN RECLAIMED FROM SECONDARY MATERIALS (SUCH AS WASTEWATER) GENERATED FROM NORMAL PETROLEUM REFINING, EXPLORATION AND PRODUCTION, AND TRANSPORTATION PRACTICES. RECOVERED OIL INCLUDES OIL THAT IS RECOVERED FROM REFINERY WASTEWATER COLLECTION AND TREATMENT SYSTEMS, OIL RECOVERED FROM OIL AND GAS DRILLING OPERATIONS, AND OIL RECOVERED FROM WASTES REMOVED FROM CRUDE OIL STORAGE TANKS. RECOVERED OIL DOES NOT INCLUDE (AMONG OTHER THINGS) OIL-BEARING HAZARDOUS WASTES LISTED IN 40 CFR PART 261 (E.G., K048-K052, F037, F038). HOWEVER, OIL RECOVERED FROM SUCH WASTES MAY BE CONSIDERED RECOVERED OIL. RECOVERED OIL ALSO DOES NOT INCLUDE USED OIL AS DEFINED IN 40 CFR 279.1.

EXCLUDED WASTES
(Continued)

Waste Category	Waste Description
PULPING LIQUOR	POTENTIALLY RECYCLABLE PULPING LIQUOR (I.E., BLACK LIQUOR) THAT IS RECLAIMED IN A PULPING LIQUOR RECOVERY FURNACE AND THEN REUSED IN THE PULPING PROCESS, UNLESS IT IS ACCUMULATED SPECULATIVELY AS DEFINED IN 40 CFR 261.1(C).
REFRIGERANTS	USED CHLOROFLUOROCARBON REFRIGERANTS FROM TOTALLY ENCLOSED HEAT TRANSFER EQUIPMENT, INCLUDING MOBILE AIR CONDITIONING SYSTEMS, MOBILE REFRIGERATION, AND COMMERCIAL AND INDUSTRIAL AIR CONDITIONING AND REFRIGERATION SYSTEMS THAT USE CHLOROFLUOROCARBONS AS THE HEAT TRANSFER FLUID IN A REFRIGERATION CYCLE, PROVIDED THE REFRIGERANT IS RECLAIMED FOR FURTHER USE.
SECONDARY MATERIALS	SECONDARY MATERIALS THAT ARE RECLAIMED AND RETURNED TO THE ORIGINAL PROCESS OR PROCESSES IN WHICH THEY WERE GENERATED WHERE THEY ARE REUSED IN THE PRODUCTION PROCESS PROVIDED: (1) ONLY TANK STORAGE IS INVOLVED AND THE ENTIRE PROCESS THROUGH COMPLETION OF RECLAMATION IS CLOSED BY BEING ENTIRELY CONNECTED WITH PIPES OR OTHER COMPARABLE ENCLOSED MEANS OF CONVEYANCE; (2) RECLAMATION DOES NOT INVOLVE CONTROLLED FLAME COMBUSTION (SUCH AS OCCURS IN BOILERS, INDUSTRIAL FURNACES, OR INCINERATORS); (3) THE SECONDARY MATERIALS ARE NEVER ACCUMULATED IN SUCH TANKS FOR OVER TWELVE MONTHS WITHOUT BEING RECLAIMED; AND (4) THE RECLAIMED MATERIAL IS NOT USED TO PRODUCE A FUEL OR TO PRODUCE PRODUCTS THAT ARE USED IN A MANNER CONSTITUTING DISPOSAL.
SEWAGE, DOMESTIC	ANY UNTREATED SANITARY WASTES THAT PASS THROUGH A SEWER SYSTEM.
SEWAGE MIXTURE	ANY MIXTURE OF DOMESTIC SEWAGE AND OTHER WASTES THAT PASSES THROUGH A SEWER SYSTEM TO A PUBLICLY OWNED TREATMENT WORKS (POTW) FOR TREATMENT.
WASTEWATER, POINT SOURCE DISCHARGE	INDUSTRIAL WASTEWATER DISCHARGE SUBJECT TO REGULATION UNDER SECTION 402 OF THE CLEAN WATER ACT, AS AMENDED. THIS EXCLUSION APPLIES ONLY TO THE ACTUAL POINT SOURCE DISCHARGE. IT DOES NOT EXCLUDE INDUSTRIAL WASTEWATERS WHILE THEY ARE BEING COLLECTED, STORED, OR TREATED BEFORE DISCHARGE, NOR DOES IT EXCLUDE SLUDGES GENERATED BY INDUSTRIAL WASTEWATER TREATMENT.
WOOD, WOOD PRODUCTS	SOLID WASTE CONSISTING OF DISCARDED ARSENICAL-TREATED WOOD OR WOOD PRODUCTS THAT FAIL THE TOXICITY CHARACTERISTIC FOR EPA HAZARDOUS WASTE CODES D004 THROUGH D017, ARE NOT CONSIDERED HAZARDOUS FOR ANY OTHER REASON, AND ARE GENERATED BY PERSONS WHO UTILIZE THE ARSENICAL-TREATED WOOD AND WOOD PRODUCTS FOR THE MATERIALS' INTENDED END USES. ALSO, SPENT WOOD PRESERVING SOLUTIONS THAT ARE RECLAIMED AND REUSED FOR THEIR ORIGINAL INTENDED PURPOSE; AND WASTEWATERS FROM THE WOOD PRESERVING PROCESSES THAT HAVE BEEN RECLAIMED AND ARE USED TO TREAT WOOD.

DEFINITIONS

THIS SECTION CONTAINS DEFINITIONS OF TERMS HELPFUL FOR COMPLETING THE BIENNIAL REPORT. FOR TERMS DEFINED IN THE CODE OF FEDERAL REGULATIONS (CFR), THE APPROPRIATE CITATION IS PROVIDED.

ACCUMULATION

A SITE THAT DOES NOT HOLD RCRA INTERIM STATUS OR A RCRA PERMIT MAY ACCUMULATE HAZARDOUS WASTE FOR A SHORT PERIOD OF TIME BEFORE SHIPPING IT OFF SITE. THE WASTE MUST BE ACCUMULATED IN EITHER TANKS OR CONTAINERS; IT MAY NOT BE ACCUMULATED IN SURFACE IMPOUNDMENTS.

GENERATORS OF MORE THAN 1,000 KG (2,200 LBS) OF HAZARDOUS WASTE PER MONTH MAY ACCUMULATE THEIR WASTE FOR UP TO 90 DAYS BEFORE SHIPPING IT OFF SITE. GENERATORS OF 100 KG (220 LBS) TO 1,000 KG (2,200 LBS) OF HAZARDOUS WASTE PER MONTH MAY ACCUMULATE THEIR WASTE FOR UP TO 180 DAYS BEFORE SHIPPING IT OFF SITE. IF THE NEAREST TREATMENT, STORAGE, DISPOSAL, OR RECYCLING FACILITY TO WHICH THEY CAN SEND THEIR WASTE IS MORE THAN 200 MILES AWAY, THEY MAY ACCUMULATE THEIR WASTE FOR 270 DAYS. SEE 40 CFR 262.34.

ACUTE HAZARDOUS WASTE

ANY HAZARDOUS WASTE WITH AN EPA HAZARDOUS WASTE CODE BEGINNING WITH THE LETTER "P" (40 CFR 261.33(E)) OR ANY OF THE FOLLOWING "F" CODES: F020, F021, F022, F023, F026, AND F027 (40 CFR 261.31). THESE WASTES ARE SUBJECT TO STRINGENT QUANTITY STANDARDS FOR ACCUMULATION AND GENERATION (40 CFR 261.5(E)).

AUTHORIZED STATE

A STATE THAT HAS OBTAINED AUTHORIZATION FROM EPA TO DIRECT ITS OWN RCRA PROGRAM.

BY-PRODUCT MATERIAL

FOR PURPOSES OF THE BIENNIAL REPORT, A BY-PRODUCT MATERIAL IS (1) ANY RADIOACTIVE MATERIAL (EXCEPT SPECIAL NUCLEAR MATERIAL) YIELDED IN OR MADE RADIOACTIVE BY EXPOSURE TO THE RADIATION INCIDENT TO THE PROCESS OF PRODUCING OR UTILIZING SPECIAL NUCLEAR MATERIAL; AND (2) THE TAILINGS OR WASTES PRODUCED BY THE EXTRACTION OR CONCENTRATION OF URANIUM OR THORIUM FROM ANY ORE PROCESSED PRIMARILY FOR ITS SOURCE MATERIAL CONTENT (DEFINED IN THE ATOMIC ENERGY ACT OF 1954).

CONFIDENTIAL BUSINESS INFORMATION (CBI)

INFORMATION A FACILITY DOES NOT WISH TO MAKE AVAILABLE TO THE GENERAL PUBLIC FOR COMPETITIVE BUSINESS REASONS. CONFIDENTIAL BUSINESS INFORMATION (CBI) MAY BE CLAIMED FOR CERTAIN INFORMATION IN YOUR REPORT. A CLAIM MAY BE MADE IN ACCORDANCE WITH 40 CFR PART 2, SUBPART B.

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)

A CESQG IS A GENERATOR THAT MEETS THE FOLLOWING CRITERIA:

(A) IN EVERY SINGLE MONTH DURING 1997, THE SITE GENERATED NO MORE THAN 100 KG (220 LBS) OF HAZARDOUS WASTE, AND NO MORE THAN 1 KG (2.2 LBS) OF ACUTE HAZARDOUS WASTE, AND NO MORE THAN 100 KG (220 LBS) OF MATERIAL FROM THE CLEANUP SPILLAGE OF ACUTE HAZARDOUS WASTE; AND

(B) THE SITE ACCUMULATED AT ANY TIME DURING 1997 NO MORE THAN 1,000 KG (2,200 LBS) OF HAZARDOUS WASTE, AND NO MORE THAN 1 KG (2.2 LBS) OF ACUTE HAZARDOUS WASTE, AND NO MORE THAN 100 KG (220 LBS) OF MATERIAL FROM THE CLEANUP OF A SPILLAGE OF ACUTE HAZARDOUS WASTE; AND

(C) THE SITE TREATED OR DISPOSED OF THE HAZARDOUS WASTE IN A MANNER CONSISTENT WITH REGULATORY PROVISIONS.

CODE OF FEDERAL REGULATIONS (CFR)

CODIFICATION OF THE GENERAL AND PERMANENT RULES PUBLISHED IN THE FEDERAL REGISTER BY THE EXECUTIVE DEPARTMENTS AND AGENCIES OF THE FEDERAL GOVERNMENT. THE CODE IS DIVIDED INTO 50 TITLES WHICH REPRESENT BROAD AREAS SUBJECT TO FEDERAL REGULATION. EACH TITLE IS DIVIDED INTO CHAPTERS THAT USUALLY BEAR THE NAME OF THE ISSUING AGENCY. EACH CHAPTER IS FURTHER SUBDIVIDED INTO PARTS COVERING SPECIFIC REGULATORY AREAS. THE CFR TITLE APPLICABLE FOR THE BIENNIAL REPORT IS "40," AS IN "40 CFR 262.34."

DELISTED WASTES

SITE-SPECIFIC WASTES EXCLUDED FROM REPORTING UNDER 40 CFR 260.20 AND 260.22. A WASTE AT A PARTICULAR GENERATING SITE MAY BE EXCLUDED BY PETITIONING THE EPA ADMINISTRATOR FOR A REGULATORY AMENDMENT. THESE WASTES ARE LISTED IN APPENDIX IX OF 40 CFR PART 261.

DISPOSAL

AS DEFINED IN 40 CFR 260.10, THE DISCHARGE, DEPOSIT, INJECTION, DUMPING, SPILLING, LEAKING, OR PLACING OF ANY SOLID WASTE OR HAZARDOUS WASTE INTO OR ON ANY LAND OR WATER SO THAT SUCH SOLID WASTE OR HAZARDOUS WASTE OR ANY CONSTITUENT THEREOF MAY ENTER THE ENVIRONMENT OR BE EMITTED INTO THE AIR OR DISCHARGED INTO ANY WATERS, INCLUDING GROUND WATERS. FOR PURPOSES OF THE BIENNIAL REPORT, DISPOSAL GENERALLY REFERS TO THE HAZARDOUS WASTE MANAGEMENT METHODS DEFINED BY SYSTEM TYPE CODES M131 THROUGH M134, AND M137.

ENVIRONMENTAL PROTECTION AGENCY (EPA)

EPA, ALSO CALLED U.S. EPA, MEANS THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY. SOME STATE ENVIRONMENTAL AUTHORITIES MAY BE CALLED EPA ALSO, AS IN "ILLINOIS EPA."

EPA IDENTIFICATION NUMBER

A 12-CHARACTER NUMBER ASSIGNED BY EPA TO EACH GENERATOR, TRANSPORTER, AND TREATMENT, DISPOSAL, OR STORAGE FACILITY (40 CFR 260.10). FACILITIES THAT ARE NOT GENERATORS, BUT THAT ANTICIPATE GENERATION ACTIVITIES MAY ALSO APPLY FOR AND RECEIVE AN EPA IDENTIFICATION NUMBER. THE FIRST TWO CHARACTERS ARE THE TWO-LETTER ABBREVIATION FOR THE STATE IN WHICH THE SITE IS PHYSICALLY LOCATED. THE THIRD CHARACTER CAN BE EITHER ALPHABETICAL OR NUMERIC. THE REMAINING NINE CHARACTERS ARE ALWAYS NUMERIC.

EXCLUDED WASTES

WASTES EXEMPTED FROM REGULATION UNDER 40 CFR 261.3 AND 261.4. SEE PAGE 25 FOR A PARTIAL LISTING.

FACILITY

AS DEFINED IN 40 CFR 260.10, ALL CONTIGUOUS LAND, AND STRUCTURES, OTHER APPURTENCES, AND IMPROVEMENTS ON THE LAND, USED FOR TREATING, STORING, OR DISPOSING OF HAZARDOUS WASTE. A FACILITY MAY CONSIST OF

SEVERAL TREATMENT, STORAGE, OR DISPOSAL UNITS (E.G., ONE OR MORE LANDFILLS, SURFACE IMPOUNDMENTS, OR COMBINATIONS OF THEM).

GENERATOR — ANY PERSON, BY SITE, WHOSE ACT OR PROCESS PRODUCES HAZARDOUS WASTE IDENTIFIED IN 40 CFR PART 261 OR WHOSE ACT FIRST CAUSES A HAZARDOUS WASTE TO BECOME SUBJECT TO REGULATION (40 CFR 260.10). SEE ALSO THE DEFINITIONS FOR CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR, LARGE QUANTITY GENERATOR, AND SMALL QUANTITY GENERATOR.

HANDLER — A GENERATOR, TRANSFER FACILITY, TSD FACILITY, OR OTHER ENTITY THAT HANDLES HAZARDOUS WASTE.

HAZARDOUS WASTE — SOLID WASTE THAT POSSESSES AT LEAST ONE OF FOUR HAZARDOUS CHARACTERISTICS (IGNITABILITY, CORROSIVITY, REACTIVITY, AND TOXICITY) OR APPEARS ON SPECIAL EPA LISTS. A HAZARDOUS WASTE IS REGULATED UNDER SUBTITLE C OF RCRA. THE REGULATORY DEFINITION OF HAZARDOUS WASTE IS FOUND IN 40 CFR 261.3.

HAZARDOUS WASTE NUMBER OR CODE, EPA — THE NUMBER (OR CODE) ASSIGNED BY EPA TO EACH HAZARDOUS WASTE LISTED IN 40 CFR PART 261, SUBPART D AND TO EACH CHARACTERISTIC IDENTIFIED IN 40 CFR PART

261, SUBPART C. THE CODES CONSIST OF ONE LETTER (D, F, P, U, OR K) AND THREE NUMBERS. THE LIST OF EPA HAZARDOUS WASTE CODES BEGINS ON PAGE 39.

INCINERATION — BURNING OF CERTAIN TYPES OF SOLID, LIQUID, OR GASEOUS MATERIALS; OR A TREATMENT TECHNOLOGY INVOLVING DESTRUCTION OF WASTE BY CONTROLLED BURNING AT HIGH TEMPERATURES (E.G., BURNING SLUDGE TO REMOVE THE WATER AND REDUCE THE REMAINING RESIDUES TO A SAFE, NON-BURNABLE ASH THAT CAN BE DISPOSED SAFELY ON LAND, IN SOME WATERS, OR IN UNDERGROUND LOCATIONS).

INTERIM (PERMIT) STATUS — PERIOD DURING WHICH THE OWNER/OPERATOR OF AN EXISTING TSD FACILITY IS TREATED AS HAVING BEEN ISSUED A RCRA PERMIT EVEN THOUGH HE/SHE HAS NOT YET RECEIVED A FINAL DETERMINATION. AN EXISTING FACILITY SHOULD HAVE AUTOMATICALLY QUALIFIED FOR INTERIM STATUS IF THE OWNER/OPERATOR FILED BOTH TIMELY "NOTIFICATION" AND THE FIRST PART (PART A) OF THE RCRA PERMIT APPLICATION. INTERIM STATUS CONTINUES UNTIL A FINAL DETERMINATION IS MADE TO ISSUE OR DENY THE PERMIT. OWNERS/OPERATORS OF NEW FACILITIES CANNOT BY DEFINITION QUALIFY FOR INTERIM STATUS; RATHER, THEY NEED A RCRA PERMIT PRIOR TO BEGINNING CONSTRUCTION OF A HAZARDOUS WASTE MANAGEMENT FACILITY.

LARGE QUANTITY GENERATOR (LQG) — A SITE IS AN LQG IF IT MET ANY OF THE FOLLOWING CRITERIA DURING THE YEAR:

(A) THE SITE GENERATED IN ONE OR MORE MONTHS 1,000 KG (2,200 LBS) OR MORE OF RCRA HAZARDOUS WASTE; OR

(B) THE SITE GENERATED IN ONE OR MORE MONTHS, OR ACCUMULATED AT ANY TIME, 1 KG (2.2 LBS) OF RCRA ACUTE HAZARDOUS WASTE; OR

(C) THE SITE GENERATED OR ACCUMULATED AT ANY TIME MORE THAN 100 KG (220 LBS) OF SPILL CLEANUP MATERIAL CONTAMINATED WITH RCRA ACUTE HAZARDOUS WASTE.

RCRA HAZARDOUS WASTES MANAGED IN SYSTEMS REGULATED UNDER THE CLEAN WATER ACT OR THE SAFE DRINKING WATER ACT, OR WASTES THAT ARE RECYCLED OR RECLAIMED, OR WASTES REGULATED ONLY BY YOUR STATE ARE NOT TO BE COUNTED IN DETERMINING WHETHER A SITE IS A LQG.

MANAGEMENT, OR HAZARDOUS WASTE MANAGEMENT — SYSTEMATIC CONTROL OF THE COLLECTION, SOURCE SEPARATION, STORAGE, TRANSPORTATION, PROCESSING, TREATMENT, RECOVERY, OR DISPOSAL OF HAZARDOUS WASTE (40 CFR 260.10).

MANIFEST, UNIFORM HAZARDOUS WASTE — THE SHIPPED DOCUMENT EPA FORM 8700-22 AND, IF NECESSARY, FORM 8700-22A, ORIGINATED AND SIGNED BY A GENERATOR IN ACCORDANCE WITH THE INSTRUCTIONS INCLUDED IN THE APPENDIX TO 40 CFR PART 262. THE "CRADLE-TO-GRAVE" PAPERWORK MUST ACCOMPANY A SHIPMENT OF HAZARDOUS WASTE AS IT MOVES FROM THE GENERATOR TO THE TRANSPORTER AND EVENTUALLY TO THE HAZARDOUS WASTE MANAGEMENT FACILITY.

OFF-SITE FACILITY — A HAZARDOUS WASTE TREATMENT, STORAGE, DISPOSAL, OR RECYCLING AREA LOCATED AT A PLACE AWAY FROM THE GENERATING SITE.

ON-SITE FACILITY — A HAZARDOUS WASTE TREATMENT, STORAGE, DISPOSAL, OR RECYCLING AREA LOCATED ON THE GENERATING SITE.

OPERATOR — PERSON RESPONSIBLE FOR THE OVERALL OPERATION OF A FACILITY (40 CFR 260.10).

OWNER — PERSON WHO OWNS A FACILITY OR PART OF A FACILITY (40 CFR 260.10).

PROCESS SYSTEM — FOR PURPOSES OF THE BIENNIAL REPORT, A PROCESS SYSTEM REFERS TO ONE OR MORE UNITS USED TOGETHER TO TREAT, RECOVER, OR DISPOSE A HAZARDOUS WASTE. THE PROCESS SYSTEM BEGINS AT THE UNIT WHERE THE HAZARDOUS WASTE FIRST ENTERS AND CONSISTS OF ALL OTHER TREATMENT, RECOVERY, OR DISPOSAL UNITS DOWNSTREAM FROM THE POINT OF ENTRY. NOTE THAT STORAGE IS NOT CONSIDERED A PROCESS SYSTEM.

CLASSIFY EACH PROCESS SYSTEM WITH A SYSTEM TYPE CODE THAT BEST IDENTIFIES THE PRIMARY PURPOSE/OPERATION IT PERFORMS. FOR EXAMPLE, A PROCESS SYSTEM TO REMOVE DISSOLVED METALS FROM WASTEWATER TYPICALLY INCLUDES EQUALIZATION, pH ADJUSTMENT, CHEMICAL PRECIPITATION, FLOCCULATION, CLARIFICATION/SETTLING, AND DEWATERING OF THE SLUDGE REMOVED FROM THE BOTTOM OF THE CLARIFIER. THE CHEMICAL PRECIPITATION PROCESS BEST IDENTIFIES THE PRIMARY PURPOSE OF THIS TREATMENT SYSTEM – TO REMOVE METALS FROM THE WASTEWATER. THEREFORE, CATEGORIZE THE PROCESS SYSTEM UNDER THE SYSTEM TYPE OF

	CHEMICAL PRECIPITATION (M077). A LISTING OF SYSTEM TYPE CODES BEGINS ON PAGE 75.
PROCESS UNIT	FOR PURPOSES OF THE BIENNIAL REPORT, A PROCESS UNIT REFERS TO A SINGLE TYPE OF TREATMENT (E.G., TANK, DISTILLATION COLUMN, SURFACE IMPOUNDMENT) IN WHICH HAZARDOUS WASTE IS TREATED, DISPOSED, OR RECYCLED.
RESOURCE CONSERVATION AND RECOVERY ACT (RCRA)	THE SOLID WASTE DISPOSAL ACT AS AMENDED BY THE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) (40 CFR 270.2). IT IS THE FEDERAL STATUTE THAT REGULATES THE GENERATION, TREATMENT, STORAGE, DISPOSAL, RECYCLING, AND/OR TRANSPORTATION OF SOLID AND HAZARDOUS WASTE.
RCRA INTERIM (PERMIT) STATUS	REFER TO "INTERIM (PERMIT) STATUS" DEFINITION ON PAGE 31.
RCRA PERMIT	A COMPLETE RCRA PERMIT IS COMPRISED OF AN OPERATING PERMIT FOR HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL, AND A CORRECTIVE ACTION PERMIT ADDRESSING RELEASES FROM SOLID WASTE MANAGEMENT UNIT (SWMUS). TO APPLY FOR A PERMIT, A SITE MUST FILE A TWO-PART APPLICATION (PART A AND PART B). A FACILITY IS NOT CONSIDERED TO HAVE A COMPLETE RCRA PERMIT UNTIL BOTH PARTS HAVE BEEN ISSUED.
RECYCLING	USE, REUSE, OR RECLAMATION OF A MATERIAL (40 CFR 261.1(C)(7)). "RECLAMATION" IS THE PROCESSING OR REGENERATION OF A MATERIAL TO RECOVER A USABLE PRODUCT (E.G., RECOVERY OF LEAD VALUES FROM SPENT BATTERIES, REGENERATION OF SPENT SOLVENTS) (40 CFR 261.1(C)(4)). A MATERIAL IS "USED OR REUSED" IF IT IS EITHER: (1) EMPLOYED AS AN INGREDIENT (INCLUDING USE AS AN INTERMEDIATE) IN AN INDUSTRIAL PROCESS TO MAKE A PRODUCT (E.G., DISTILLATION BOTTOMS FROM ONE PROCESS USED AS FEEDSTOCK IN ANOTHER PROCESS) (40 CFR 261.1(C)(5)). HOWEVER, A MATERIAL WILL NOT SATISFY THIS CONDITION IF DISTINCT COMPONENTS OF THE MATERIAL ARE RECOVERED AS SEPARATE END PRODUCTS (AS WHEN METALS ARE RECOVERED FROM METAL-CONTAINING SECONDARY MATERIALS); OR (2) EMPLOYED IN A PARTICULAR FUNCTION OR APPLICATION AS AN EFFECTIVE SUBSTITUTE FOR A COMMERCIAL PRODUCT (E.G., SPENT PICKLE LIQUOR USED AS PHOSPHOROUS PRECIPITANT AND SLUDGE CONDITIONER IN WASTEWATER TREATMENT).
RESIDUAL	A HAZARDOUS WASTE DERIVED FROM THE TREATMENT, DISPOSAL, OR RECYCLING OF A PREVIOUSLY EXISTING HAZARDOUS WASTE (E.G., THE SLUDGE REMAINING AFTER INITIAL WASTEWATER TREATMENT).
SITE	FOR PURPOSES OF THE BIENNIAL REPORT, ANY HOLDER OF AN EPA IDENTIFICATION NUMBER. A SITE MAY BE A GENERATOR, A TRANSFER FACILITY, A TSD FACILITY, OR A COMBINATION OF THE THREE, OR A NON-REGULATED FACILITY THAT, EVEN THOUGH IT IS NOT REQUIRED TO, HAS REQUESTED AND RECEIVED AN EPA IDENTIFICATION NUMBER.
SLUDGE	ANY SOLID, SEMI-SOLID, OR LIQUID WASTE GENERATED FROM A MUNICIPAL,

COMMERCIAL, OR INDUSTRIAL WASTEWATER TREATMENT PLANT, WATER SUPPLY TREATMENT PLANT, OR AIR POLLUTION CONTROL FACILITY EXCLUSIVE OF THE TREATED EFFLUENT FROM A WASTEWATER TREATMENT PLANT (40 CFR 260.10).

SMALL QUANTITY GENERATOR (SQG)

AN SQG IS DEFINED BY ALL THE FOLLOWING CRITERIA:

(A) IN ONE OR MORE MONTHS OF THE YEAR THE SITE GENERATED MORE THAN 100 KG (220 LBS) OF HAZARDOUS WASTE, BUT IN NO MONTH DID THE SITE GENERATE:
(1) 1,000 KG (2,200 LBS) OR MORE OF HAZARDOUS WASTE, OR (2) 1 KG (2.2 LBS) OR MORE OF ACUTE HAZARDOUS WASTE, OR (3) 100 KG (220 LBS) OR MORE OF MATERIAL FROM THE CLEANUP OF A SPILLAGE OF ACUTE HAZARDOUS WASTE; AND

(B) THE SITE ACCUMULATED AT ANY TIME DURING THE YEAR NO MORE THAN 1 KG (2.2 LBS) OF ACUTE HAZARDOUS WASTE AND NO MORE THAN 100 KG (220 LBS) OF MATERIAL FROM THE CLEANUP OF A SPILLAGE OF ACUTE HAZARDOUS WASTE; AND

(C) THE SITE STORED ITS WASTES IN TANKS OR CONTAINERS IN A MANNER CONSISTENT WITH REGULATORY PROVISIONS.

OR, THE SITE IS A SMALL QUANTITY GENERATOR IF DURING THE YEAR:

(A) THE SITE MET ALL OTHER CRITERIA FOR A CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG), BUT

(B) THE SITE ACCUMULATED 1,000 KG (2,200 LBS) OR MORE OF HAZARDOUS WASTE.

SOLID WASTE

ANY GARBAGE, REFUSE, OR SLUDGE, OR OTHER MATERIALS NOT EXCLUDED UNDER 40 CFR 261.4(A). EXCLUSIONS INCLUDE DOMESTIC SEWAGE AND ANY MIXTURE OF OTHER WASTES THAT PASS THROUGH A SEWER SYSTEM TO A PUBLICLY OWNED TREATMENT WORKS (POTWS); INDUSTRIAL WASTEWATER DISCHARGES THAT ARE POINT SOURCE DISCHARGES SUBJECT TO REGULATION UNDER THE CLEAN WATER ACT; IRRIGATION RETURN FLOWS; NUCLEAR MATERIALS DEFINED BY THE ATOMIC ENERGY ACT; AND IN SITU MINING MATERIALS (SEE ALSO PAGE 25). WASTEWATERS BEING COLLECTED, STORED, OR TREATED BEFORE DISCHARGE AND SLUDGES GENERATED BY WASTEWATER TREATMENT ARE NOT EXCLUDED. EPA DEFINES HAZARDOUS WASTE AS A SUBSET OF SOLID WASTE.

SOURCE MATERIAL

AS DEFINED BY THE ATOMIC ENERGY ACT OF 1954: (1) URANIUM, THORIUM, OR ANY OTHER MATERIAL DETERMINED BY THE COMMISSION PURSUANT TO THE PROVISIONS OF SECTION 2091 OF THIS TITLE TO BE SOURCE MATERIAL; OR (2) ORES CONTAINING ONE OR MORE OF THE FOREGOING MATERIALS IN SUCH CONCENTRATION AS THE COMMISSION MAY BY REGULATION DETERMINE FROM TIME TO TIME.

SPECIAL NUCLEAR MATERIAL

AS DEFINED BY THE ATOMIC ENERGY ACT OF 1954: (1) PLUTONIUM, URANIUM ENRICHED IN THE ISOTOPE 233 OR IN THE ISOTOPE 235, AND ANY OTHER

	MATERIAL WHICH THE COMMISSION, PURSUANT TO THE PROVISIONS OF SECTION 2071 OF THIS TITLE, DETERMINES TO BE SPECIAL NUCLEAR MATERIAL, BUT DOES NOT INCLUDE SOURCE MATERIAL; OR (2) ANY MATERIAL ARTIFICIALLY ENRICHED BY ANY OF THE FOREGOING, BUT DOES NOT INCLUDE SOURCE MATERIAL.
STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODE	A FOUR-DIGIT CODING SYSTEM, DEVELOPED BY THE CENSUS BUREAU AND THE OFFICE OF MANAGEMENT AND BUDGET (OMB), THAT CATEGORIZES THE PRINCIPAL PRODUCT OR GROUP OF PRODUCTS PRODUCED OR DISTRIBUTED, OR SERVICES RENDERED, AT A SITE'S PHYSICAL LOCATION.
STORAGE	TEMPORARY HOLDING OF HAZARDOUS WASTE UNTIL IT IS TREATED, DISPOSED, OR STORED ELSEWHERE (40 CFR 260.10). STORAGE METHODS INCLUDE CONTAINERS, TANKS, AND SURFACE IMPOUNDMENTS.
SUPERFUND	THE PROGRAM OPERATED UNDER THE LEGISLATIVE AUTHORITY OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) AND SUPERFUND AMENDMENT REAUTHORIZATION ACT (SARA) THAT FUNDS AND CARRIES OUT THE SOLID WASTE EMERGENCY RESPONSE AND LONG-TERM REMEDIAL ACTIVITIES OF EPA.
SURFACE IMPOUNDMENT	A NATURAL TOPOGRAPHIC DEPRESSION, MAN-MADE EXCAVATION, OR DIKED AREA FORMED PRIMARILY FROM EARTHEN MATERIALS (THOUGH IT MAY BE LINED WITH MAN-MADE MATERIALS) THAT IS DESIGNED TO ACCUMULATE LIQUID WASTES OR WASTES CONTAINING FREE LIQUIDS, AND THAT IS NOT AN INJECTION WELL (40 CFR 260.10).
TRANSFER FACILITY	ANY TRANSPORTATION RELATED FACILITY INCLUDING LOADING DOCKS, PARKING AREAS, STORAGE AREAS, AND OTHER SIMILAR AREAS WHERE SHIPMENTS OF HAZARDOUS WASTE ARE HELD DURING THE NORMAL COURSE OF TRANSPORTATION (40 CFR 260.10).
TRANSPORTER	A PERSON THAT TRANSPORTS HAZARDOUS WASTE OFF SITE, BY AIR, RAIL, ROAD, OR WATER (40 CFR 260.10). TRANSPORTERS MUST COMPLY WITH 40 CFR PART 263.
TREATMENT	ANY METHOD, TECHNIQUE, OR PROCESS, INCLUDING NEUTRALIZATION, DESIGNED TO: (1) CHANGE THE PHYSICAL, CHEMICAL, OR BIOLOGICAL CHARACTER OR COMPOSITION OF ANY HAZARDOUS WASTE SO AS TO NEUTRALIZE SUCH WASTE; (2) RECOVER ENERGY OR MATERIAL RESOURCES FROM THE WASTE; OR (3) RENDER SUCH WASTE NON-HAZARDOUS OR LESS HAZARDOUS, SAFER TO TRANSPORT, STORE, OR DISPOSE, OR AMENABLE TO RECOVERY, STORAGE, OR REDUCTION IN VOLUME (40 CFR 260.10).
TREATMENT, STORAGE, AND DISPOSAL (TSD) FACILITY	A FACILITY THAT TREATS, STORES, OR DISPOSES HAZARDOUS WASTE.
UNIT	REFER TO "PROCESS UNIT" DEFINITION ON PAGE 32.

EPA HAZARDOUS WASTE CODES

CODE	WASTE DESCRIPTION
CHARACTERISTICS OF HAZARDOUS WASTE *(SEE 40 CFR 261.24)*	
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D003	REACTIVE WASTE
D004	ARSENIC
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D010	SELENIUM
D011	SILVER
D012	ENDRIN
D013	LINDANE
D014	METHOXYCHLOR
D015	TOXAPHENE
D016	2,4-D
D017	2,4,5-TP SILVEX
D018	BENZENE
D019	CARBON TETRACHLORIDE
D020	CHLORDANE
D021	CHLOROBENZENE
D022	CHLOROFORM
D023	O-CRESOL
D024	M-CRESOL
D025	P-CRESOL
D026	CRESOL
D027	1,4-DICHLOROBENZENE
D028	1,2-DICHLOROETHANE
D029	1,1-DICHLOROETHYLENE
D030	2,4-DINITROTOLUENE
D031	HEPTACHLOR (AND ITS EPOXIDE)
D032	HEXACHLOROBENZENE
D033	HEXACHLOROBUTADIENE
D034	HEXACHLOROETHANE
D035	METHYL ETHYL KETONE
D036	NITROBENZENE
D037	PENTACHLOROPHENOL
D038	PYRIDINE
D039	TETRACHLOROETHYLENE
D040	TRICHLORETHYLENE
D041	2,4,5-TRICHLOROPHENOL
D042	2,4,6-TRICHLOROPHENOL
D043	VINYL CHLORIDE
HAZARDOUS WASTE FROM NONSPECIFIC SOURCES *(SEE 40 CFR 261.31)*	
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
	SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/ BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F004	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F006	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
F007	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
F008	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
F009	SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
F010	QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
	OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
F011	SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.
F012	QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
F019	WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.
F020	WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TRI- OR TETRACHLOROPHENOL OR OF INTERMEDIATES USED TO PRODUCE THEIR PESTICIDE DERIVATIVES. (THIS LISTING DOES NOT INCLUDE WASTES FROM THE PRODUCTION OF HEXACHLOROPHENE FROM HIGHLY PURIFIED 2,4,5-TRICHLOROPHENOL.)
F021	WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF PENTACHLOROPHENOL, OR OF INTERMEDIATES USED TO PRODUCE DERIVATIVES.
F022	WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TETRA-, PENTA-, OR HEXACHLOROBENZENES UNDER ALKALINE CONDITIONS.
F023	WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OF MATERIALS ON EQUIPMENT PREVIOUSLY USED FOR THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TRI- AND TETRACHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE WASTES FROM EQUIPMENT USED ONLY FOR THE PRODUCTION OR USE OF HEXACHLOROPHENE FROM HIGHLY PURIFIED 2,4,5-TRICHLOROPHENOL.)
F024	PROCESS WASTES INCLUDING, BUT NOT LIMITED TO, DISTILLATION RESIDUES, HEAVY ENDS, TARS, AND REACTOR CLEAN-OUT WASTES, FROM THE PRODUCTION OF CERTAIN CHLORINATED ALIPHATIC HYDROCARBONS BY FREE RADICAL CATALYZED PROCESSES. THESE CHLORINATED ALIPHATIC HYDROCARBONS ARE THOSE HAVING CARBON CHAIN LENGTHS RANGING FROM ONE TO AND INCLUDING FIVE, WITH VARYING AMOUNTS AND POSITIONS OF CHLORINE SUBSTITUTION. (THIS LISTING DOES NOT INCLUDE WASTEWATERS, WASTEWATER TREATMENT SLUDGE, SPENT CATALYSTS, AND WASTES LISTED IN SECTIONS 261.31. OR 261.32.)
F025	CONDENSED LIGHT ENDS, SPENT FILTERS AND FILTER AIDS, AND SPENT DESICCANT WASTES FROM THE PRODUCTION OF CERTAIN CHLORINATED ALIPHATIC HYDROCARBONS, BY FREE RADICAL CATALYZED PROCESSES. THESE CHLORINATED ALIPHATIC HYDROCARBONS ARE THOSE HAVING CARBON CHAIN LENGTHS RANGING FROM ONE, TO AND INCLUDING FIVE, WITH VARYING AMOUNTS AND POSITIONS OF CHLORINE SUBSTITUTION.
F026	WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OF

Code	Waste description
	MATERIALS ON EQUIPMENT PREVIOUSLY USED FOR THE MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TETRA-, PENTA-, OR HEXACHLOROBENZENE UNDER ALKALINE CONDITIONS.
F027	DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)
F028	RESIDUES RESULTING FROM THE INCINERATION OR THERMAL TREATMENT OF SOIL CONTAMINATED WITH EPA HAZARDOUS WASTE NOS. F020, F021, F022, F023, F026, AND F027.
F032	WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT CURRENTLY USE, OR HAVE PREVIOUSLY USED, CHLOROPHENOLIC FORMULATIONS [EXCEPT POTENTIALLY CROSS-CONTAMINATED WASTES THAT HAVE HAD THE F032 WASTE CODE DELETED IN ACCORDANCE WITH SECTION 261.35 (I.E., THE NEWLY PROMULGATED EQUIPMENT CLEANING OR REPLACEMENT STANDARDS), AND WHERE THE GENERATOR DOES NOT RESUME OR INITIATE USE OF CHLOROPHENOLIC FORMULATIONS]. (THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.)
F034	WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE CREOSOTE FORMULATIONS. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.
F035	WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE INORGANIC PRESERVATIVES CONTAINING ARSENIC OR CHROMIUM. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.
F037	PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE, BUT ARE NOT LIMITED TO, THOSE GENERATED IN OIL/WATER/SOLIDS SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORM WATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGES GENERATED IN STORM WATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2)(INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.
F038	PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
	AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND F037, K048, AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.
F039	LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

HAZARDOUS WASTE FROM SPECIFIC SOURCES *(SEE 40 CFR 261.32)*

Code	Waste description
K001	BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATERS FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.
K002	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME YELLOW AND ORANGE PIGMENTS.
K003	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF MOLYBDATE ORANGE PIGMENTS.
K004	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF ZINC YELLOW PIGMENTS.
K005	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME GREEN PIGMENTS.
K006	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME OXIDE GREEN PIGMENTS (ANHYDROUS AND HYDRATED).
K007	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF IRON BLUE PIGMENTS.
K008	OVEN RESIDUE FROM THE PRODUCTION OF CHROME OXIDE GREEN PIGMENTS.
K009	DISTILLATION BOTTOMS FROM THE PRODUCTION OF ACETALDEHYDE FROM ETHYLENE.
K010	DISTILLATION SIDE CUTS FROM THE PRODUCTION OF ACETALDEHYDE FROM ETHYLENE.
K011	BOTTOM STREAM FROM THE WASTEWATER STRIPPER IN THE PRODUCTION OF ACRYLONITRILE.
K013	BOTTOM STREAM FROM THE ACETONITRILE COLUMN IN THE PRODUCTION OF ACRYLONITRILE.
K014	BOTTOMS FROM THE ACETONITRILE PURIFICATION COLUMN IN THE PRODUCTION OF ACRYLONITRILE.
K015	STILL BOTTOMS FROM THE DISTILLATION OF BENZYL CHLORIDE.
K016	HEAVY ENDS OR DISTILLATION RESIDUES FROM THE PRODUCTION OF CARBON TETRACHLORIDE.

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
K017	HEAVY ENDS (STILL BOTTOMS) FROM THE PURIFICATION COLUMN IN THE PRODUCTION OF EPICHLOROHYDRIN.
K018	HEAVY ENDS FROM THE FRACTIONATION COLUMN IN ETHYL CHLORIDE PRODUCTION.
K019	HEAVY ENDS FROM THE DISTILLATION OF ETHYLENE DICHLORIDE IN ETHYLENE DICHLORIDE PRODUCTION.
K020	HEAVY ENDS FROM THE DISTILLATION OF VINYL CHLORIDE IN VINYL CHLORIDE MONOMER PRODUCTION.
K021	AQUEOUS SPENT ANTIMONY CATALYST WASTE FROM FLUOROMETHANE PRODUCTION.
K022	DISTILLATION BOTTOM TARS FROM THE PRODUCTION OF PHENOL/ACETONE FROM CUMENE.
K023	DISTILLATION LIGHT ENDS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM NAPHTHALENE.
K024	DISTILLATION BOTTOMS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM NAPHTHALENE.
K025	DISTILLATION BOTTOMS FROM THE PRODUCTION OF NITROBENZENE BY THE NITRATION OF BENZENE.
K026	STRIPPING STILL TAILS FROM THE PRODUCTION OF METHYL ETHYL PYRIDINES.
K027	CENTRIFUGE AND DISTILLATION RESIDUES FROM TOLUENE DIISOCYANATE PRODUCTION.
K028	SPENT CATALYST FROM THE HYDROCHLORINATOR REACTOR IN THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.
K029	WASTE FROM THE PRODUCT STEAM STRIPPER IN THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.
K030	COLUMN BOTTOMS OR HEAVY ENDS FROM THE COMBINED PRODUCTION OF TRICHLOROETHYLENE AND PERCHLOROETHYLENE.
K031	BY-PRODUCT SALTS GENERATED IN THE PRODUCTION OF MSMA AND CACODYLIC ACID.
K032	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHLORDANE.
K033	WASTEWATER AND SCRUB WATER FROM THE CHLORINATION OF CYCLOPENTADIENE IN THE PRODUCTION OF CHLORDANE.
K034	FILTER SOLIDS FROM THE FILTRATION OF HEXACHLOROCYCLOPENTADIENE IN THE PRODUCTION OF CHLORDANE.
K035	WASTEWATER TREATMENT SLUDGES GENERATED IN THE PRODUCTION OF CREOSOTE.
K036	STILL BOTTOMS FROM TOLUENE RECLAMATION DISTILLATION IN THE PRODUCTION OF DISULFOTON.
K037	WASTEWATER TREATMENT SLUDGES FROM THE PRODUCTION OF DISULFOTON.
K038	WASTEWATER FROM THE WASHING AND STRIPPING OF PHORATE PRODUCTION.
K039	FILTER CAKE FROM THE FILTRATION OF DIETHYLPHOSPHORODITHIOIC ACID IN THE PRODUCTION OF PHORATE.
K040	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF PHORATE.
K041	WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF TOXAPHENE.
K042	HEAVY ENDS OR DISTILLATION RESIDUES FROM THE DISTILLATION OF TETRACHLOROBENZENE IN THE PRODUCTION OF 2,4,5-T.

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
K043	2,6-DICHLOROPHENOL WASTE FROM THE PRODUCTION OF 2,4-D.
K044	WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING AND PROCESSING OF EXPLOSIVES.
K045	SPENT CARBON FROM THE TREATMENT OF WASTEWATER CONTAINING EXPLOSIVES.
K046	WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.
K047	PINK/RED WATER FROM TNT OPERATIONS.
K048	DISSOLVED AIR FLOTATION (DAF) FLOAT FROM THE PETROLEUM REFINING INDUSTRY.
K049	SLOP OIL EMULSION SOLIDS FROM THE PETROLEUM REFINING INDUSTRY.
K050	HEAT EXCHANGER BUNDLE CLEANING SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.
K051	API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.
K052	TANK BOTTOMS (LEADED) FROM THE PETROLEUM REFINING INDUSTRY.
K060	AMMONIA STILL LIME SLUDGE FROM COKING OPERATIONS.
K061	EMISSION CONTROL DUST/SLUDGE FROM THE PRIMARY PRODUCTION OF STEEL IN ELECTRIC FURNACES.
K062	SPENT PICKLE LIQUOR FROM STEEL FINISHING OPERATIONS OF PLANTS THAT PRODUCE IRON OR STEEL.
K064	ACID PLANT BLOWDOWN SLURRY/SLUDGE RESULTING FROM THE THICKENING OF BLOWDOWN SLURRY FROM PRIMARY COPPER PRODUCTION.
K065	SURFACE IMPOUNDMENT SOLIDS CONTAINED IN AND DREDGED FROM SURFACE IMPOUNDMENTS AT PRIMARY LEAD SMELTING FACILITIES.
K066	SLUDGE FROM TREATMENT OF PROCESS WASTEWATER AND/OR ACID PLANT BLOWDOWN FROM PRIMARY ZINC PRODUCTION.
K069	EMISSION CONTROL DUST/SLUDGE FROM SECONDARY LEAD SMELTING.
K071	BRINE PURIFICATION MUDS FROM THE MERCURY CELL PROCESS IN CHLORINE PRODUCTION, IN WHICH SEPARATELY PREPURIFIED BRINE IS NOT USED.
K073	CHLORINATED HYDROCARBON WASTE FROM THE PURIFICATION STEP OF THE DIAPHRAGM CELL PROCESS USING GRAPHITE ANODES IN CHLORINE PRODUCTION.
K083	DISTILLATION BOTTOMS FROM ANILINE PRODUCTION.
K084	WASTEWATER TREATMENT SLUDGES GENERATED DURING THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.
K085	DISTILLATION OR FRACTIONATION COLUMN BOTTOMS FROM THE PRODUCTION OF CHLOROBENZENES.
K086	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.
K087	DECANTER TANK TAR SLUDGE FROM COKING OPERATIONS.
K088	SPENT POTLINERS FROM PRIMARY ALUMINUM REDUCTION.

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
K090	EMISSION CONTROL DUST OR SLUDGE FROM FERROCHROMIUMSILICON PRODUCTION.
K091	EMISSION CONTROL DUST OR SLUDGE FROM FERROCHROMIUM PRODUCTION.
K093	DISTILLATION LIGHT ENDS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM ORTHO-XYLENE.
K094	DISTILLATION BOTTOMS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM ORTHO-XYLENE.
K095	DISTILLATION BOTTOMS FROM THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.
K096	HEAVY ENDS FROM THE HEAVY ENDS COLUMN FROM THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.
K097	VACUUM STRIPPER DISCHARGE FROM THE CHLORDANE CHLORINATOR IN THE PRODUCTION OF CHLORDANE.
K098	UNTREATED PROCESS WASTEWATER FROM THE PRODUCTION OF TOXAPHENE.
K099	UNTREATED WASTEWATER FROM THE PRODUCTION OF 2,4-D.
K100	WASTE LEACHING SOLUTION FROM ACID LEACHING OF EMISSION CONTROL DUST/SLUDGE FROM SECONDARY LEAD SMELTING.
K101	DISTILLATION TAR RESIDUES FROM THE DISTILLATION OF ANILINE-BASED COMPOUNDS IN THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.
K102	RESIDUE FROM THE USE OF ACTIVATED CARBON FOR DECOLORIZATION IN THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.
K103	PROCESS RESIDUES FROM ANILINE EXTRACTION FROM THE PRODUCTION OF ANILINE.
K104	COMBINED WASTEWATERS GENERATED FROM NITROBENZENE/ANILINE PRODUCTION.
K105	SEPARATED AQUEOUS STREAM FROM THE REACTOR PRODUCT WASHING STEP IN THE PRODUCTION OF CHLOROBENZENES.
K106	WASTEWATER TREATMENT SLUDGE FROM THE MERCURY CELL PROCESS IN CHLORINE PRODUCTION.
K107	COLUMN BOTTOMS FROM PRODUCT SEPARATION FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE (UDMH) FROM CARBOXYLIC ACID HYDRAZIDES.
K108	CONDENSED COLUMN OVERHEADS FROM PRODUCT SEPARATION AND CONDENSED REACTOR VENT GASES FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.
K109	SPENT FILTER CARTRIDGES FROM PRODUCT PURIFICATION FROM THE PRODUCT OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.
K110	CONDENSED COLUMN OVERHEADS FROM INTERMEDIATE SEPARATION FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.
K111	PRODUCT WASHWATERS FROM THE PRODUCTION OF DINITROTOLUENE VIA NITRATION OF TOLUENE.
K112	REACTION BY-PRODUCT WATER FROM THE DRYING COLUMN IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
K113	CONDENSED LIQUID LIGHT ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
K114	VICINALS FROM THE PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
K115	HEAVY ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
K116	ORGANIC CONDENSATE FROM THE SOLVENT RECOVERY COLUMN IN THE PRODUCTION OF TOLUENE DIISOCYANATE VIA PHOSGENATION OF TOLUENEDIAMINE.
K117	WASTEWATER FROM THE REACTOR VENT GAS SCRUBBER IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.
K118	SPENT ADSORBENT SOLIDS FROM PURIFICATION OF ETHYLENE DIBROMIDE IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.
K123	PROCESS WASTEWATER (INCLUDING SUPERNATES, FILTRATES, AND WASHWATERS) FROM THE PRODUCTION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.
K124	REACTOR VENT SCRUBBER WATER FROM THE PRODUCTION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.
K125	FILTRATION, EVAPORATION, AND CENTRIFUGATION SOLIDS FROM THE PRODUCTION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.
K126	BAGHOUSE DUST AND FLOOR SWEEPINGS IN MILLING AND PACKAGING OPERATIONS FROM PRODUCTION OR FORMULATION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.
K131	WASTEWATER FROM THE REACTOR AND SPENT SULFURIC ACID FROM THE ACID DRYER FROM THE PRODUCTION OF METHYL BROMIDE.
K132	SPENT ABSORBENT AND WASTEWATER SEPARATOR SOLIDS FROM THE PRODUCTION OF METHYL BROMIDE.
K136	STILL BOTTOMS FROM THE PURIFICATION OF ETHYLENE DIBROMIDE IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.
K141	PROCESS RESIDUES FROM THE RECOVERY OF COAL TAR, INCLUDING, BUT NOT LIMITED TO, TAR COLLECTING SUMP RESIDUES FROM THE PRODUCTION OF COKE FROM COAL OR THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL. THIS LISTING DOES NOT INCLUDE K087 (DECANTER TANK SLUDGE FROM COKING OPERATIONS).
K142	TANK STORAGE RESIDUES FROM THE PRODUCTION OF COKE FROM COAL OR FROM THE RECOVERY OF COKE BY-PRODUCTS FROM COAL.
K143	PROCESS RESIDUES FROM THE RECOVERY OF LIGHT OIL, INCLUDING, BUT NOT LIMITED TO, THOSE GENERATED IN STILLS, DECANTERS, AND WASH OIL RECOVERY UNITS FROM THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL.
K144	WASTEWATER SUMP RESIDUES FROM LIGHT OIL REFINING, INCLUDING, BUT NOT LIMITED TO, INTERCEPTING OR CONTAMINATION SUMP SLUDGES FROM THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL.
K145	RESIDUES FROM NAPHTHALENE COLLECTION AND RECOVERY OPERATIONS FROM THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL.
K147	TAR STORAGE RESIDUES FROM COAL TAR REFINING.

Code	Waste description
K148	RESIDUES FROM COAL TAR DISTILLATION, INCLUDING, BUT NOT LIMITED TO, STILL BOTTOMS.
K149	DISTILLATION BOTTOMS FROM THE PRODUCTION OF ALPHA (OR METHYL-) CHLORINATED TOLUENES, RING-CHLORINATED TOLUENES, BENZOYL CHLORIDES, AND COMPOUNDS WITH MIXTURES OF THESE FUNCTIONAL GROUPS. [THIS WASTE DOES NOT INCLUDE STILL BOTTOMS FROM THE DISTILLATION OF BENZOYL CHLORIDE]
K150	ORGANIC RESIDUALS EXCLUDING SPENT CARBON ADSORBENT, FROM THE SPENT CHLORINE GAS AND HYDROCHLORIC ACID RECOVERY PROCESSES ASSOCIATED WITH THE PRODUCTION OF ALPHA (OR METHYL-) CHLORINATED TOLUENES, BENZOYL CHLORIDES, AND COMPOUNDS WITH MIXTURES OF THESE FUNCTIONAL GROUPS.
K151	WASTEWATER TREATMENT SLUDGES, EXCLUDING NEUTRALIZATION AND BIOLOGICAL SLUDGES, GENERATED DURING THE TREATMENT OF WASTEWATERS FROM THE PRODUCTION OF ALPHA (OR METHYL-) CHLORINATED TOLUENES, BENZOYL CHLORIDES, AND COMPOUNDS WITH MIXTURES OF THESE FUNCTIONAL GROUPS.

DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUALS, AND SPILL RESIDUES THEREOF – ACUTE HAZARDOUS WASTE *(SEE 40 CFR 261.33 FOR AN ALPHABETIZED LISTING)*

Code	Waste description
P001	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
P001	WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
P002	1-ACETYL-2-THIOUREA
P002	ACETAMIDE, N-(AMINOTHIOXOMETHYL)-
P003	2-PROPENAL
P003	ACROLEIN
P004	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)-
P004	ALDRIN
P005	2-PROPEN-1-OL
P005	ALLYL ALCOHOL
P006	ALUMINUM PHOSPHIDE (R,T)
P007	3(2H)-ISOXAZOLONE, 5-(AMINOMETHYL)-
P007	5-(AMINOMETHYL)-3-ISOXAZOLOL
P008	4-AMINOPYRIDINE
P008	4-PYRIDINAMINE
P009	AMMONIUM PICRATE (R)
P009	PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (R)
P010	ARSENIC ACID H_3ASO_4
P011	ARSENIC OXIDE AS_2O_5
P011	ARSENIC PENTOXIDE
P012	ARSENIC OXIDE AS_2O_3
P012	ARSENIC TRIOXIDE
P013	BARIUM CYANIDE
P014	BENZENETHIOL
P014	THIOPHENOL
P015	BERYLLIUM POWDER

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
P016	DICHLOROMETHYL ETHER
P016	METHANE, OXYBIS[CHLORO-
P017	2-PROPANONE, 1-BROMO-
P017	BROMOACETONE
P018	BRUCINE
P018	STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-
P020	DINOSEB
P020	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
P021	CALCIUM CYANIDE
P021	CALCIUM CYANIDE $Ca(CN)_2$
P022	CARBON DISULFIDE
P023	ACETALDEHYDE, CHLORO-
P023	CHLOROACETALDEHYDE
P024	BENZENAMINE, 4-CHLORO-
P024	P-CHLORANILINE
P026	1-(O-CHLOROPHENYL)THIOUREA
P026	THIOUREA, (2-CHLOROPHENYL)-
P027	3-CHLOROPROPIONITRILE
P027	PROPANENITRILE, 3-CHLORO-
P028	BENZENE, (CHLOROMETHYL)-
P028	BENZYL CHLORIDE
P029	COPPER CYANIDE
P029	COPPER CYANIDE CU(CN)
P030	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
P031	CYANOGEN
P031	ETHANEDINITRILE
P033	CYANOGEN CHLORIDE
P033	CYANOGEN CHLORIDE (CN)CL
P034	2-CYCLOHEXYL-4,6-DINITROPHENOL
P034	PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-
P036	ARSONOUS DICHLORIDE, PHENYL-
P036	DICHLOROPHENYLARSINE
P037	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)-
P037	DIELDRIN
P038	ARSINE, DIETHYL-
P038	DIETHYLARSINE
P039	DISULFOTON
P039	PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER
P040	O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE
P040	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-PYRAZINYL ESTER
P041	DIETHYL-P-NITROPHENYL PHOSPHATE
P041	PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER
P042	1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)-
P042	EPINEPHRINE

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
P043	DIISOPROPYLFLUOROPHOSPHATE (DFP)
P043	PHOSPHOROFLUORIDIC ACID, BIS(1-METHYLETHYL) ESTER
P044	DIMETHOATE
P044	PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER
P045	2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-[METHYLAMINO)CARBONYL] OXIME
P045	THIOFANOX
P046	ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE
P046	BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-
P047	4,6-DINITRO-O-CRESOL, & SALTS
P047	PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS
P048	2,4-DINITROPHENOL
P048	PHENOL, 2,4-DINITRO-
P049	DITHIOBIURET
P049	THIOIMIDODICARBONIC DIAMIDE $[(H_2N)C(S)]_2NH$
P050	6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6,9,9A-HEXAHYDRO-,3-OXIDE
P050	ENDOSULFAN
P051	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES
P051	ENDRIN
P051	ENDRIN, & METABOLITES
P054	AZIRIDINE
P054	ETHYLENEIMINE
P056	FLUORINE
P057	ACETAMIDE, 2-FLUORO-
P057	FLUOROACETAMIDE
P058	ACETIC ACID, FLUORO-, SODIUM SALT
P058	FLUOROACETIC ACID, SODIUM SALT
P059	4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO-
P059	HEPTACHLOR
P060	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)-
P060	ISODRIN
P062	HEXAETHYL TETRAPHOSPHATE
P062	TETRAPHOSPHORIC ACID, HEXAETHYL ESTER
P063	HYDROCYANIC ACID
P063	HYDROGEN CYANIDE
P064	METHANE, ISOCYANATO-
P064	METHYL ISOCYANATE
P065	FULMINIC ACID, MERCURY(2+) SALT (R,T)
P065	MERCURY FULMINATE (R,T)
P066	ETHANIMIDOTHIOIC ACID, N-[[(METHYLAMINO)CARBONYL]OXY]-, METHYL ESTER
P066	METHOMYL

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
P067	1,2-PROPYLENIMINE
P067	AZIRIDINE, 2-METHYL-
P068	HYDRAZINE, METHYL-
P068	METHYL HYDRAZINE
P069	2-METHYLLACTONITRILE
P069	PROPANENITRILE, 2-HYDROXY-2-METHYL-
P070	ALDICARB
P070	PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-[(METHYLAMINO)CARBONYL]OXIME
P071	METHYL PARATHION
P071	PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER
P072	ALPHA-NAPHTHYLTHIOUREA
P072	THIOUREA, 1-NAPHTHALENYL-
P073	NICKEL CARBONYL
P073	NICKEL CARBONYL $Ni(CO)_4$, (T-4)-
P074	NICKEL CYANIDE
P074	NICKEL CYANIDE $Ni(CN)_2$
P075	NICOTINE, & SALTS
P075	PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
P076	NITRIC OXIDE
P076	NITROGEN OXIDE NO
P077	BENZENAMINE, 4-NITRO-
P077	P-NITROANILINE
P078	NITROGEN DIOXIDE
P078	NITROGEN OXIDE NO_2
P081	1,2,3-PROPANETRIOL, TRINITRATE (R)
P081	NITROGLYCERINE (R)
P082	METHANIMINE, N-METHYL-N-NITROSO-
P082	N-NITROSODIMETHYLAMINE
P084	N-NITROSOMETHYLVINYLAMINE
P084	VINYLAMINE, N-METHYL-N-NITROSO-
P085	DIPHOSPHORAMIDE, OCTAMETHYL-
P085	OCTAMETHYLPYROPHOSPHORAMIDE
P087	OSMIUM OXIDE OsO_4, (T-4)-
P087	OSMIUM TETROXIDE
P088	7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID
P088	ENDOTHALL
P089	PARATHION
P089	PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER
P092	MERCURY, (ACETATO-O)PHENYL-
P092	PHENYLMERCURY ACETATE
P093	PHENYLTHIOUREA
P093	THIOUREA, PHENYL-
P094	PHORATE
P094	PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER
P095	CARBONIC DICHLORIDE
P095	PHOSGENE

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
P096	HYDROGEN PHOSPHIDE
P096	PHOSPHINE
P097	FAMPHUR
P097	PHOSPHOROTHIOIC ACID O-[4-[(DIMETHYLAMINO)SULFONYL]PHENYL] O,O-DIMETHYL ESTER
P098	POTASSIUM CYANIDE
P098	POTASSIUM CYANIDE K(CN)
P099	ARGENTATE (1-), BIS(CYANO-C)-, POTASSIUM
P099	POTASSIUM SILVER CYANIDE
P101	ETHYL CYANIDE
P101	PROPANENITRILE
P102	2-PROPYN-1-OL
P102	PROPARGYL ALCOHOL
P103	SELENOUREA
P104	SILVER CYANIDE
P104	SILVER CYANIDE AG(CN)
P105	SODIUM AZIDE
P106	SODIUM CYANIDE
P106	SODIUM CYANIDE NA(CN)
P108	STRYCHNIDIN-10-ONE, & SALTS
P108	STRYCHNINE, & SALTS
P109	TETRAETHYLDITHIOPYROPHOSPHATE
P109	THIODIPHOSPHORIC ACID, TETRAETHYL ESTER
P110	PLUMBANE, TETRAETHYL-
P110	TETRAETHYL LEAD
P111	DIPHOSPHORIC ACID, TETRAETHYL ESTER
P111	TETRAETHYL PYROPHOSPHATE
P112	METHANE, TETRANITRO- (R)
P112	TETRANITROMETHANE (R)
P113	THALLIC OXIDE
P113	THALLIUM OXIDE TL_2O_3
P114	SELENIOUS ACID, DITHALLIUM (1+) SALT
P114	THALLIUM(I) SELENITE
P115	SULFURIC ACID, DITHALLIUM (1+) SALT
P115	THALLIUM(I) SULFATE
P116	HYDRAZINECARBOTHIOAMIDE
P116	THIOSEMICARBAZIDE
P118	METHANETHIOL, TRICHLORO-
P118	TRICHLOROMETHANETHIOL
P119	AMMONIUM VANADATE
P119	VANADIC ACID, AMMONIUM SALT
P120	VANADIUM OXIDE V_2O_5
P120	VANADIUM PENTOXIDE
P121	ZINC CYANIDE
P121	ZINC CYANIDE $ZN(CN)_2$
P122	ZINC PHOSPHIDE ZN_3P_2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)
P123	TOXAPHENE

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
	DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF – TOXIC WASTES *(SEE 40 CFR 261.33 FOR AN ALPHABETIZED LISTING)*
SEE F027	2,3,4,6-TETRACHLOROPHENOL
	2,4,5-T
	2,4,5-TRICHLOROPHENOL
	2,4,6-TRICHLOROPHENOL
	ACETIC ACID, (2,4,5-TRICHLOROPHENOXY)-
	PENTACHLOROPHENOL
	PHENOL, 2,3,4,6-TETRACHLORO-
	PHENOL, 2,4,5-TRICHLORO-
	PHENOL, 2,4,6-TRICHLORO-
	PHENOL, PENTACHLORO-
	PROPANOIC ACID, 2-(2,4,5-TRICHLOROPHENOXY)-
	SILVEX (2,4,5-TP)
U001	ACETALDEHYDE (I)
U001	ETHANAL (I)
U002	2-PROPANONE (I)
U002	ACETONE (I)
U003	ACETONITRILE (I,T)
U004	ACETOPHENONE
U004	ETHANONE, 1-PHENYL-
U005	2-ACETYLAMINOFLUORENE
U005	ACETAMIDE, N-9H-FLUOREN-2-YL
U006	ACETYL CHLORIDE (C,R,T)
U007	2-PROPENAMIDE
U007	ACRYLAMIDE
U008	2-PROPENOIC ACID (I)
U008	ACRYLIC ACID (I)
U009	2-PROPENENITRILE
U009	ACRYLONITRILE
U010	AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY] METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]-
U010	MITOMYCIN C
U011	1H-1,2,4-TRIAZOL-3-AMINE
U011	AMITROLE
U012	ANILINE (I,T)
U012	BENZENAMINE (I,T)
U014	AURAMINE
U014	BENZENAMINE, 4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYL-
U015	AZASERINE
U015	L-SERINE, DIAZOACETATE (ESTER)
U016	BENZ[C]ACRIDINE
U017	BENZAL CHLORIDE
U017	BENZENE, (DICHLOROMETHYL)-
U018	BENZ[A]ANTHRACENE

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U019	BENZENE (I,T)
U020	BENZENESULFONIC ACID CHLORIDE (C,R)
U020	BENZENESULFONYL CHLORIDE (C,R)
U021	[1,1'-BIPHENYL]-4,4'-DIAMINE
U021	BENZIDINE
U022	BENZO[A]PYRENE
U023	BENZENE, (TRICHLOROMETHYL)-
U023	BENZOTRICHLORIDE (C,R,T)
U024	DICHLOROMETHOXY ETHANE
U024	ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-
U025	DICHLOROETHYL ETHER
U025	ETHANE, 1,1'-OXYBIS[2-CHLORO-
U026	CHLORNAPHAZIN
U026	NAPHTHALENAMINE, N,N'-BIS(2-CHLOROETHYL)-
U027	DICHLOROISOPROPYL ETHER
U027	PROPANE, 2,2'-OXYBIS[2-CHLORO-
U028	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER
U028	DIETHYLHEXYL PHTHALATE
U029	METHANE, BROMO-
U029	METHYL BROMIDE
U030	4-BROMOPHENYL PHENYL ETHER
U030	BENZENE, 1-BROMO-4-PHENOXY-
U031	1-BUTANOL (I)
U031	N-BUTYL ALCOHOL (I)
U032	CALCIUM CHROMATE
U032	CHROMIC ACID H_2CrO_4, CALCIUM SALT
U033	CARBON OXYFLUORIDE (R,T)
U033	CARBONIC DIFLUORIDE
U034	ACETALDEHYDE, TRICHLORO-
U034	CHLORAL
U035	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]-
U035	CHLORAMBUCIL
U036	4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO-
U036	CHLORDANE, ALPHA & GAMMA ISOMERS
U037	BENZENE, CHLORO-
U037	CHLOROBENZENE
U038	BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER
U038	CHLOROBENZILATE
U039	P-CHLORO-M-CRESOL
U039	PHENOL, 4-CHLORO-3-METHYL-
U041	EPICHLOROHYDRIN
U041	OXIRANE, (CHLOROMETHYL)-
U042	2-CHLOROETHYL VINYL ETHER
U042	ETHENE, (2-CHLOROETHOXY)-
U043	ETHENE, CHLORO-
U043	VINYL CHLORIDE

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
U044	CHLOROFORM
U044	METHANE, TRICHLORO-
U045	METHANE, CHLORO- (I,T)
U045	METHYL CHLORIDE (I,T)
U046	CHLOROMETHYL METHYL ETHER
U046	METHANE, CHLOROMETHOXY-
U047	BETA-CHLORONAPHTHALENE
U047	NAPHTHALENE, 2-CHLORO-
U048	O-CHLOROPHENOL
U048	PHENOL, 2-CHLORO-
U049	4-CHLORO-O-TOLUIDINE, HYDROCHLORIDE
U049	BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE
U050	CHRYSENE
U051	CREOSOTE
U052	CRESOL (CRESYLIC ACID)
U052	PHENOL, METHYL-
U053	2-BUTENAL
U053	CROTONALDEHYDE
U055	BENZENE, (1-METHYLETHYL)- (I)
U055	CUMENE (I)
U056	BENZENE, HEXAHYDRO- (I)
U056	CYCLOHEXANE (I)
U057	CYCLOHEXANONE (I)
U058	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE
U058	CYCLOPHOSPHAMIDE
U059	5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)-
U059	DAUNOMYCIN
U060	BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO-
U060	DDD
U061	BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO-
U061	DDT
U062	CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER
U062	DIALLATE
U063	DIBENZ[A,H]ANTHRACENE
U064	BENZO[RST]PENTAPHENE
U064	DIBENZO[A,I]PYRENE
U066	1,2-DIBROMO-3-CHLOROPROPANE
U066	PROPANE, 1,2-DIBROMO-3-CHLORO-
U067	ETHANE, 1,2-DIBROMO-
U067	ETHYLENE DIBROMIDE
U068	METHANE, DIBROMO-
U068	METHYLENE BROMIDE
U069	1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
U069	DIBUTYL PHTHALATE
U070	BENZENE, 1,2-DICHLORO-
U070	O-DICHLOROBENZENE
U071	BENZENE, 1,3-DICHLORO-
U071	M-DICHLOROBENZENE
U072	BENZENE, 1,4-DICHLORO-
U072	P-DICHLOROBENZENE
U073	[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DICHLORO-
U073	3,3'-DICHLOROBENZIDINE
U074	1,4-DICHLORO-2-BUTENE (I,T)
U074	2-BUTENE, 1,4-DICHLORO- (I,T)
U075	DICHLORODIFLUOROMETHANE
U075	METHANE, DICHLORODIFLUORO-
U076	ETHANE, 1,1-DICHLORO-
U076	ETHYLIDENE DICHLORIDE
U077	ETHANE, 1,2-DICHLORO-
U077	ETHYLENE DICHLORIDE
U078	1,1-DICHLOROETHYLENE
U078	ETHENE, 1,1-DICHLORO-
U079	1,2-DICHLOROETHYLENE
U079	ETHENE, 1,2-DICHLORO-,(E)-
U080	METHANE, DICHLORO-
U080	METHYLENE CHLORIDE
U081	2,4-DICHLOROPHENOL
U081	PHENOL, 2,4-DICHLORO-
U082	2,6-DICHLOROPHENOL
U082	PHENOL, 2,6-DICHLORO-
U083	PROPANE, 1,2-DICHLORO-
U083	PROPYLENE DICHLORIDE
U084	1,3-DICHLOROPROPENE
U084	1-PROPENE, 1,3-DICHLORO-
U085	1,2:3,4-DIEPOXYBUTANE (I,T)
U085	2,2'-BIOXIRANE
U086	HYDRAZINE, 1,2-DIETHYL-
U086	N,N'-DIETHYLHYDRAZINE
U087	O,O-DIETHYL S-METHYL DITHIOPHOSPHATE
U087	PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-METHYL ESTER
U088	1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER
U088	DIETHYL PHTHALATE
U089	DIETHYLSTILBESTEROL
U089	PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-
U090	1,3-BENZODIOXOLE, 5-PROPYL-
U090	DIHYDROSAFROLE
U091	[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHOXY-
U091	3,3'-DIMETHOXYBENZIDINE
U092	DIMETHYLAMINE (I)
U092	METHANAMINE, N-METHYL- (I)

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
U093	BENZENAMINE, N,N-DIMETHYL-4-(PHENYLAZO)-
U093	P-DIMETHYLAMINOAZOBENZENE
U094	7,12-DIMETHYLBENZ[A]ANTHRACENE
U094	BENZ[A]ANTHRACENE, 7,12-DIMETHYL-
U095	[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL-
U095	3,3'-DIMETHYLBENZIDINE
U096	ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R)
U096	HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)
U097	CARBAMIC CHLORIDE, DIMETHYL-
U097	DIMETHYLCARBAMOYL CHLORIDE
U098	1,1-DIMETHYLHYDRAZINE
U098	HYDRAZINE, 1,1-DIMETHYL-
U099	1,2-DIMETHYLHYDRAZINE
U099	HYDRAZINE, 1,2-DIPHENYL-
U101	2,4-DIMETHYLPHENOL
U101	PHENOL, 2,4-DIMETHYL-
U102	1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER
U102	DIMETHYL PHTHALATE
U103	DIMETHYL SULFATE
U103	SULFURIC ACID, DIMETHYL ESTER
U105	2,4-DINITROTOLUENE
U105	BENZENE, 1-METHYL-2,4-DINITRO-
U106	2,6-DINITROTOLUENE
U106	BENZENE, 2-METHYL-1,3-DINITRO-
U107	1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER
U107	DI-N-OCTYL PHTHALATE
U108	1,4-DIETHYLENEOXIDE
U108	1,4-DIOXANE
U109	1,2-DIPHENYLHYDRAZINE
U109	HYDRAZINE, 1,2-DIPHENYL-
U110	1-PROPANIMINE, N-PROPYL-(I)
U110	DIPROPYLAMINE (I)
U111	1-PROPANAMINE, N-NITROSO-N-PROPYL-
U111	DI-N-PROPYLNITROSAMINE
U112	ACETIC ACID, ETHYL ESTER (I)
U112	ETHYL ACETATE (I)
U113	2-PROPENOIC ACID, ETHYL ESTER (I)
U113	ETHYL ACRYLATE (I)
U114	CARBAMODITHIOIC ACID, 1,2-ETHANEDIYLBIS-, SALTS & ESTERS
U114	ETHYLENEBISDITHIOCARBAMIC ACID, SALTS & ESTERS
U115	ETHYLENE OXIDE (I,T)
U115	OXIRANE (I,T)
U116	2-IMIDAZOLIDINETHIONE
U116	ETHYLENETHIOUREA
U117	ETHANE, 1,1'-OXYBIS-(I)

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
U117	ETHYL ETHER (I)
U118	2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER
U118	ETHYL METHACRYLATE
U119	ETHYL METHANESULFONATE
U119	METHANESULFONIC ACID, ETHYL ESTER
U120	FLUORANTHENE
U121	METHANE, TRICHLOROFLUORO-
U121	TRICHLOROMONOFLUOROMETHANE
U122	FORMALDEHYDE
U123	FORMIC ACID (C,T)
U124	FURAN (I)
U124	FURFURAN (I)
U125	2-FURANCARBOXALDEHYDE (I)
U125	FURFURAL (I)
U126	GLYCIDYLALDEHYDE
U126	OXIRANECARBOXYALDEHYDE
U127	BENZENE, HEXACHLORO-
U127	HEXACHLOROBENZENE
U128	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-
U128	HEXACHLOROBUTADIENE
U129	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)-
U129	LINDANE
U130	1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO-
U130	HEXACHLOROCYCLOPENTADIENE
U131	ETHANE, HEXACHLORO-
U131	HEXACHLOROETHANE
U132	HEXACHLOROPHENE
U132	PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-
U133	HYDRAZINE (R,T)
U134	HYDROFLUORIC ACID (C,T)
U134	HYDROGEN FLUORIDE (C,T)
U135	HYDROGEN SULFIDE
U135	HYDROGEN SULFIDE H_2S
U136	ARSINIC ACID, DIMETHYL-
U136	CACODYLIC ACID
U137	INDENO[1,2,3-CD]PYRENE
U138	METHANE, IODO-
U138	METHYL IODIDE
U140	1-PROPANOL, 2-METHYL- (I,T)
U140	ISOBUTYL ALCOHOL (I,T)
U141	1,3-BENZODIOXOLE, 5-(1-PROPENYL)-
U141	ISOSAFROLE
U142	1,3,4-METHENO-2H-CYCLOBUTA[CD]PENTALEN-2-ONE, 1,1A,3,3A,4,5,5,5A,5B,6-DECACHLOROOCTAHYDRO-
U142	KEPONE

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
U143	2-BUTENOIC ACID, 2-METHYL-, 7-[[2,3-DIHYDROXY-2-(1-METHOXYETHYL)-3-METHYL-1-OXOBUTOXY]METHYL]-2,3,5,7A-TETRAHYDRO-1H-PYRROLIZIN-1-YL ESTER, [1S-[1ALPHA(Z), 7(2S*,3R*), 7AALPHA]]-
U143	LASIOCARPINE
U144	ACETIC ACID, LEAD(2+) SALT
U144	LEAD ACETATE
U145	LEAD PHOSPHATE
U145	PHOSPHORIC ACID, LEAD(2+) SALT (2:3)
U146	LEAD SUBACETATE
U146	LEAD, BIS(ACETATO-O)TETRAHYDROXYTRI-
U147	2,5-FURANDIONE
U147	MALEIC ANHYDRIDE
U148	3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO-
U148	MALEIC HYDRAZIDE
U149	MALONONITRILE
U149	PROPANEDINITRILE
U150	L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]-
U150	MELPHALAN
U151	MERCURY
U152	2-PROPENENITRILE, 2-METHYL- (I,T)
U152	METHACRYLONITRILE (I,T)
U153	METHANETHIOL (I,T)
U153	THIOMETHANOL (I,T)
U154	METHANOL (I)
U154	METHYL ALCOHOL (I)
U155	1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-2-PYRIDINYL-N'-(2-THIENYLMETHYL)-
U155	METHAPYRILENE
U156	CARBONOCHLORIDIC ACID, METHYL ESTER, (I,T)
U156	METHYL CHLOROCARBONATE (I,T)
U157	3-METHYLCHOLANTHRENE
U157	BENZ[J]ACEANTHRYLENE, 1,2-DIHYDRO-3-METHYL-
U158	4,4'-METHYLENEBIS(2-CHLOROANILINE)
U158	BENZENAMINE, 4,4'-METHYLENEBIS[2-CHLORO-
U159	2-BUTANONE (I,T)
U159	METHYL ETHYL KETONE (MEK) (I,T)
U160	2-BUTANONE, PEROXIDE (R,T)
U160	METHYL ETHYL KETONE PEROXIDE (R,T)
U161	4-METHYL-2-PENTANONE (I)
U161	METHYL ISOBUTYL KETONE (I)
U161	PENTANOL, 4-METHYL-
U162	2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T)
U162	METHYL METHACRYLATE (I,T)
U163	GUANIDINE, N-METHYL-N'-NITRO-N-NITROSO-
U163	MNNG
U164	4(1H)-PYRIMIDINONE, 2,3-DIHYDRO-6-METHYL-2-THIOXO-

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
U164	METHYLTHIOURACIL
U165	NAPHTHALENE
U166	1,4-NAPHTHALENEDIONE
U166	1,4-NAPHTHOQUINONE
U167	1-NAPTHALENAMINE
U167	ALPHA-NAPHTHYLAMINE
U168	2-NAPTHALENAMINE
U168	BETA-NAPHTHYLAMINE
U169	BENZENE, NITRO-
U169	NITROBENZENE (I,T)
U170	P-NITROPHENOL (I,T)
U170	PHENOL, 4-NITRO-
U171	2-NITROPROPANE (I,T)
U171	PROPANE, 2-NITRO- (I,T)
U172	1-BUTANAMINE, N-BUTYL-N-NITROSO-
U172	N-NITROSODI-N-BUTYLAMINE
U173	ETHANOL, 2,2'-(NITROSOIMINO)BIS-
U173	N-NITROSODIETHANOLAMINE
U174	ETHANAMINE, N-ETHYL-N-NITROSO-
U174	N-NITROSODIETHYLAMINE
U176	N-NITROSO-N-ETHYLUREA
U176	UREA, N-ETHYL-N-NITROSO-
U177	N-NITROSO-N-METHYLUREA
U177	UREA, N-METHYL-N-NITROSO-
U178	CARBAMIC ACID, METHYLNITROSO-, ETHYL ESTER
U178	N-NITROSO-N-METHYLURETHANE
U179	N-NITROSOPIPERIDINE
U179	PIPERIDINE, 1-NITROSO-
U180	N-NITROSOPYRROLIDINE
U180	PYRROLIDINE, 1-NITROSO-
U181	5-NITRO-O-TOLUIDINE
U181	BENZENAMINE, 2-METHYL-5-NITRO
U182	1,3,5-TRIOXANE, 2,4,6-TRIMETHYL-
U182	PARALDEHYDE
U183	BENZENE, PENTACHLORO-
U183	PENTACHLOROBENZENE
U184	ETHANE, PENTACHLORO-
U184	PENTACHLOROETHANE
U185	BENZENE, PENTACHLORONITRO-
U185	PENTACHLORONITROBENZENE (PCNB)
U186	1,3-PENTADIENE (I)
U186	1-METHYLBUTADIENE (I)
U187	ACETAMIDE, N-(4-ETHOXYPHENYL)-
U187	PHENACETIN
U188	PHENOL
U189	PHOSPHORUS SULFIDE (R)
U189	SULFUR PHOSPHIDE (R)
U190	1,3-ISOBENZOFURANDIONE

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
U190	PHTHALIC ANHYDRIDE
U191	2-PICOLINE
U191	PYRIDINE, 2-METHYL-
U192	BENZAMIDE, 3,5-DICHLORO-N-(1,1-DIMETHYL-2-PROPYNYL)-
U192	PRONAMIDE
U193	1,2-OXATHIOLANE, 2,2-DIOXIDE
U193	1,3-PROPANE SULTONE
U194	1-PROPANAMINE (I,T)
U194	N-PROPYLAMINE (I,T)
U196	PYRIDINE
U197	2,5-CYCLOHEXADIENE-1,4-DIONE
U197	P-BENZOQUINONE
U200	RESERPINE
U200	YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL) OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-
U201	1,3-BENZENEDIOL
U201	RESORCINOL
U202	1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS
U202	SACCHARIN, & SALTS
U203	1,3-BENZODIOXOLE, 5-(2-PROPENYL)-
U203	SAFROLE
U204	SELENIOUS ACID
U204	SELENIUM DIOXIDE
U205	SELENIUM SULFIDE
U205	SELENIUM SULFIDE SeS_2 (R,T)
U206	D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]-
U206	GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D-
U206	STREPTOZOTOCIN
U207	1,2,4,5-TETRACHLOROBENZENE
U207	BENZENE, 1,2,4,5-TETRACHLORO-
U208	1,1,1,2-TETRACHLOROETHANE
U208	ETHANE, 1,1,1,2-TETRACHLORO-
U209	1,1,2,2-TETRACHLOROETHANE
U209	ETHANE, 1,1,2,2-TETRACHLORO-
U210	ETHENE, TETRACHLORO-
U210	TETRACHLOROETHYLENE
U211	CARBON TETRACHLORIDE
U211	METHANE, TETRACHLORO-
U213	FURAN, TETRAHYDRO-(I)
U213	TETRAHYDROFURAN (I)
U214	ACETIC ACID, THALLIUM(1+) SALT
U214	THALLIUM(I) ACETATE
U215	CARBONIC ACID, DITHALLIUM(1+) SALT
U215	THALLIUM(I) CARBONATE
U216	THALLIUM CHLORIDE TLCL
U216	THALLIUM(I) CHLORIDE

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
U217	NITRIC ACID, THALLIUM(1+) SALT
U217	THALLIUM(I) NITRATE
U218	ETHANETHIOAMIDE
U218	THIOACETAMIDE
U219	THIOUREA
U220	BENZENE, METHYL-
U220	TOLUENE
U221	BENZENEDIAMINE, AR-METHYL-
U221	TOLUENEDIAMINE
U222	BENZENAMINE, 2-METHYL-, HYDROCHLORIDE
U222	O-TOLUIDINE HYDROCHLORIDE
U223	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T)
U223	TOLUENE DIISOCYANATE (R,T)
U225	BROMOFORM
U225	METHANE, TRIBROMO-
U226	ETHANE, 1,1,1-TRICHLORO-
U226	METHYL CHLOROFORM
U227	1,1,2-TRICHLOROETHANE
U227	ETHANE, 1,1,2-TRICHLORO-
U228	ETHENE, TRICHLORO-
U228	TRICHLOROETHYLENE
U234	1,3,5-TRINITROBENZENE (R,T)
U234	BENZENE, 1,3,5-TRINITRO-
U235	1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1)
U235	TRIS(2,3,-DIBROMOPROPYL) PHOSPHATE
U236	2,7-NAPHTHALENEDISULFONIC ACID,3,3'-[(3,3'-DIMETHYL[1,1'-BIPHENYL]-4,4'-DIYL)BIS(AZO)BIS[5-AMINO-4-HYDROXY]-, TETRASODIUM SALT
U236	TRYPAN BLUE
U237	2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]-
U237	URACIL MUSTARD
U238	CARBAMIC ACID, ETHYL ESTER
U238	ETHYL CARBAMATE (URETHANE)
U239	BENZENE, DIMETHYL- (I,T)
U239	XYLENE (I)
U240	2,4-D, SALTS & ESTERS
U240	ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS
U240	DICHLOROPHENOXYACETIC ACID 2,4-D
U243	1-PROPENE, 1,1,2,3,3,3-HEXACHLORO-
U243	HEXACHLOROPROPENE
U244	THIOPEROXYDICARBONIC DIAMIDE $[(H_2N)C(S)]_2S_2$, TETRAMETHYL-
U244	THIRAM
U246	CYANOGEN BROMIDE (CN)BR
U247	BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-METHOXY-
U247	METHOXYCHLOR
U248	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description	Code	Waste description
U248	WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS		
U249	ZINC PHOSPHIDE Zn_3P_2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS		
U328	BENZENAMINE, 2-METHYL-		
U328	O-TOLUIDINE		
U353	BENZENAMINE, 4-METHYL-		
U353	P-TOLUIDINE		
U359	ETHANOL, 2-ETHOXY-		
U359	ETHYLENE GLYCOL MONOETHYL ETHER		

SIC CODE INDUSTRY

AGRICULTURE

AGRICULTURAL PRODUCTION – CROPS

0111 WHEAT
0112 RICE
0115 CORN
0116 SOYBEANS
0119 CASH GRAINS, NEC
0131 COTTON
0132 TOBACCO
0133 SUGAR CANE AND SUGAR BEETS
0134 IRISH POTATOES
0139 FIELD CROPS, EXCEPT CASH GRAINS, NEC
0161 VEGETABLES AND MELONS
0171 BERRY CROPS
0172 GRAPES
0173 TREE NUTS
0174 CITRUS FRUITS
0175 DECIDUOUS TREE FRUITS
0179 FRUITS AND TREE NUTS, NEC
0181 ORNAMENTAL FLORICULTURE AND NURSERY PRODUCTS
0182 FOOD CROPS GROWN UNDER COVER
0191 GENERAL FARMS, PRIMARILY CROPS

AGRICULTURAL PRODUCTION – LIVESTOCK

0211 BEEF CATTLE FEEDLOTS
0212 BEEF CATTLE, EXCEPT FEEDLOTS
0213 HOGS
0214 SHEEP AND GOATS
0219 GENERAL LIVESTOCK, EXCEPT DAIRY AND POULTRY
0241 DAIRY FARMS
0251 BROILER, FRYER, AND ROASTER CHICKENS
0252 CHICKEN EGGS
0253 TURKEYS AND TURKEY EGGS
0254 POULTRY HATCHERIES
0259 POULTRY AND EGGS, NEC
0271 FUR-BEARING ANIMALS AND RABBITS
0272 HORSES AND OTHER EQUINES
0273 ANIMAL AQUACULTURE
0279 ANIMAL SPECIALTIES, NEC
0291 GENERAL FARMS, PRIMARILY LIVESTOCK AND ANIMAL SPECIALITIES

AGRICULTURAL SERVICES

0711 SOIL PREPARATION SERVICES
0721 CROP PLANTING, CULTIVATING, AND PROTECTING
0722 CROP HARVESTING, PRIMARILY BY MACHINE
0723 CROP PREPARATION SERVICES FOR MARKET, EXCEPT COTTON GINNING
0724 COTTON GINNING
0741 VETERINARY SERVICES FOR LIVESTOCK
0742 VETERINARY SERVICES FOR ANIMAL SPECIALTIES
0751 LIVESTOCK SERVICES, EXCEPT VETERINARY
0752 ANIMAL SPECIALTY SERVICES, EXCEPT VETERINARY
0761 FARM LABOR CONTRACTORS AND CREW LEADERS
0762 FARM MANAGEMENT SERVICES
0781 LANDSCAPE COUNSELING AND PLANNING
0782 LAWN AND GARDEN SERVICES
0783 ORNAMENTAL SHRUB AND TREE SERVICES

FORESTRY

0811 TIMBER TRACTS
0831 FOREST NURSERIES AND GATHERING OF FOREST PRODUCTS
0851 FORESTRY SERVICES

FISHING, HUNTING, AND TRAPPING

0912 FINFISH
0913 SHELLFISH
0919 MISCELLANEOUS MARINE PRODUCTS
0921 FISH HATCHERIES AND PRESERVES
0971 HUNTING, TRAPPING, GAME AND PROPAGATION

MINING

METAL MINING

1011 IRON ORES
1021 COPPER ORES
1031 LEAD AND ZINC ORES
1041 GOLD ORES
1044 SILVER ORES
1061 FERROALLOY ORES, EXCEPT VANADIUM
1081 METAL MINING SERVICES
1094 URANIUM-RADIUM-VANADIUM ORES
1099 METAL ORES, NEC

COAL MINING

1221 BITUMINOUS COAL AND LIGNITE SURFACE MINING
1222 BITUMINOUS COAL UNDERGROUND MINING
1231 ANTHRACITE MINING
1241 COAL MINING SERVICES

OIL AND GAS EXTRACTION

1311 CRUDE PETROLEUM AND NATURAL GAS
1321 NATURAL GAS LIQUIDS
1381 DRILLING OIL AND GAS WELLS
1382 OIL AND GAS FIELD EXPLORATION SERVICES
1389 OIL AND GAS FIELD SERVICES, NEC

NONMETALLIC MINERALS, EXCEPT FUELS

1411 DIMENSION STONE
1422 CRUSHED AND BROKEN LIMESTONE
1423 CRUSHED AND BROKEN GRANITE
1429 CRUSHED AND BROKEN STONE, NEC
1442 CONSTRUCTION SAND AND GRAVEL
1446 INDUSTRIAL SAND
1455 KAOLIN AND BALL CLAY
1459 CLAY, CERAMIC, AND REFRACTORY MINERALS, NEC
1474 POTASH, SODA, AND BORATE MINERALS
1475 PHOSPHATE ROCK
1479 CHEMICAL AND FERTILIZER MINERAL MINING, NEC
1481 NONMETALLIC MINERALS SERVICES, EXCEPT FUELS
1499 MISCELLANEOUS NONMETALLIC MINERALS, EXCEPT FUELS, NEC

CONSTRUCTION

GENERAL BUILDING CONTRACTORS

1521 SINGLE-FAMILY HOUSES
1522 RESIDENTIAL BUILDING CONSTRUCTION, NEC
1531 OPERATIVE BUILDERS
1541 INDUSTRIAL BUILDINGS AND WAREHOUSES
1542 NONRESIDENTIAL BUILDING CONSTRUCTION, NEC

HEAVY CONSTRUCTION, EXCLUDING BUILDINGS

1611 HIGHWAY AND STREET CONSTRUCTION, EXCEPT ELEVATED HIGHWAY
1622 BRIDGE, TUNNEL, AND ELEVATED HIGHWAY
1623 WATER, SEWER, AND UTILITY LINES
1629 HEAVY CONSTRUCTION, NEC

SPECIAL TRADE CONTRACTORS

1711 PLUMBING, HEATING, AIR CONDITIONING
1721 PAINTING AND PAPER HANGING
1731 ELECTRICAL WORK
1741 MASONRY, STONE SETTING, AND OTHER STONEWORK
1742 PLASTERING, DRYWALL, ACOUSTICAL AND INSULATION WORK
1743 TERRAZZO, TILE, MARBLE, MOSAIC WORK
1751 CARPENTRY WORK
1752 FLOOR LAYING AND FLOOR WORK, NEC
1761 ROOFING, SIDING, AND SHEET METAL WORK
1771 CONCRETE WORK
1781 WATER WELL DRILLING
1791 STRUCTURAL STEEL ERECTION
1793 GLASS AND GLAZING WORK
1794 EXCAVATION WORK
1795 WRECKING AND DEMOLITION WORK
1796 INSTALLING BUILDING EQUIPMENT, NEC
1799 SPECIAL TRADE CONTRACTORS, NEC

Note: nec = not elsewhere classified.

MANUFACTURING

FOOD AND KINDRED PRODUCTS

2011 MEAT PACKING PLANTS
2013 SAUSAGES AND OTHER PREPARED MEATS
2015 POULTRY SLAUGHTERING AND PROCESSING
2021 CREAMERY BUTTER
2022 NATURAL, PROCESSED, AND IMITATION CHEESE
2023 DRY, CONDENSED, EVAPORATED DAIRY PRODUCTS
2024 ICE CREAM AND FROZEN DESSERTS
2026 FLUID MILK
2032 CANNED SPECIALTIES
2033 CANNED FRUITS, VEGETABLES, PRESERVES, JAMS, AND JELLIES
2034 DRIED AND DEHYDRATED FRUITS, VEGETABLES, AND SOUP MIXES
2035 PICKLED FRUITS AND VEGETABLES, SAUCES, AND SALAD DRESSINGS
2037 FROZEN FRUITS, FRUIT JUICES, AND VEGETABLES
2038 FROZEN SPECIALTIES, NEC
2041 FLOUR AND OTHER GRAIN MILL PRODUCTS
2043 CEREAL BREAKFAST FOODS
2044 RICE MILLING
2045 PREPARED FLOUR MIXES AND DOUGHS
2046 WET CORN MILLING
2047 DOG AND CAT FOOD
2048 PREPARED FEED AND FEED INGREDIENTS FOR ANIMALS AND FOWL, NEC
2051 BREAD AND OTHER BAKERY PRODUCTS, EXCEPT COOKIES AND CRACKERS
2052 COOKIES AND CRACKERS
2053 FROZEN BAKERY PRODUCTS, EXCEPT BREAD
2061 RAW CANE SUGAR
2062 CANE SUGAR REFINING
2063 BEET SUGAR
2064 CANDY AND OTHER CONFECTIONERY PRODUCTS
2066 CHOCOLATE AND COCOA PRODUCTS
2067 CHEWING GUM
2068 SALTED AND ROASTED NUTS AND SEEDS
2074 COTTONSEED OIL MILLS
2075 SOYBEAN OIL MILLS
2076 VEGETABLE OIL MILLS, NEC
2077 ANIMAL AND MARINE FATS AND OILS
2079 EDIBLE FATS AND OILS, NEC
2082 MALT BEVERAGES
2083 MALT
2084 WINES, BRANDY, AND BRANDY SPIRITS
2085 DISTILLED AND BLENDED LIQUORS
2086 BOTTLED AND CANNED SOFT DRINKS AND CARBONATED WATERS
2087 FLAVORING EXTRACTS AND SYRUPS, NEC
2091 CANNED AND CURED FISH AND SEAFOOD
2092 FRESH OR FROZEN PREPARED FISH
2095 ROASTED COFFEE
2096 POTATO CHIPS AND SIMILAR SNACKS
2097 MANUFACTURED ICE
2098 MACARONI, SPAGHETTI, RELATED PRODUCTS
2099 FOOD PREPARATIONS, NEC

TOBACCO PRODUCTS

2111 CIGARETTES
2121 CIGARS
2131 CHEWING AND SMOKING TOBACCO
2141 TOBACCO STEMMING AND REDRYING

TEXTILE MILL PRODUCTS

2211 BROADWOVEN FABRIC MILLS, COTTON
2221 BROADWOVEN FABRIC MILLS, MAN-MADE
2231 BROADWOVEN FABRIC MILLS, WOOL
2241 NARROW FABRIC AND OTHER SMALLWARE MILLS
2251 WOMEN'S HOSIERY, EXCEPT SOCKS
2252 HOSIERY, NEC
2253 KNIT OUTERWEAR MILLS
2254 KNIT UNDERWEAR AND NIGHTWEAR MILLS
2257 WEFT KNIT FABRIC MILLS
2258 LACE AND WARP KNIT FABRIC MILLS
2259 KNITTING MILLS, NEC
2261 FINISHING PLANTS, COTTON FABRIC
2262 FINISHING PLANTS, MAN-MADE FABRIC
2269 TEXTILE FINISHING PLANTS, NEC
2273 CARPETS AND RUGS
2281 YARN SPINNING MILLS
2282 YARN TEXTURIZING, THROWING, TWISTING, AND WINDING MILLS
2284 THREAD MILLS
2295 COATED FABRICS, NOT RUBBERIZED
2296 TIRE CORD AND FABRICS
2297 NONWOVEN FABRICS
2298 CORDAGE AND TWINE
2299 TEXTILE GOODS, NEC

APPAREL AND OTHER TEXTILE PRODUCTS

2311 MEN'S AND BOYS' SUITS, COATS, AND OVERCOATS
2321 MEN'S AND BOYS' SHIRTS, EXCEPT WORK SHIRTS
2322 MEN'S AND BOYS' UNDERWEAR AND NIGHTWEAR
2323 MEN'S AND BOYS' NECKWEAR
2325 MEN'S AND BOYS' TROUSERS AND SLACKS
2326 MEN'S AND BOYS' WORK CLOTHING
2329 MEN'S AND BOYS' CLOTHING, NEC
2331 WOMEN'S, MISSES' AND JUNIORS' BLOUSES AND SHIRTS
2335 WOMEN'S, MISSES', AND JUNIORS' DRESSES
2337 WOMEN'S MISSES', AND JUNIORS' SUITS, SKIRTS, AND COATS
2339 WOMEN'S, MISSES' AND JUNIORS' OUTERWEAR, NEC
2341 WOMEN'S, MISSES', CHILDREN'S, AND INFANTS' UNDERWEAR AND NIGHTWEAR
2342 BRASSIERES, GIRDLES, AND ALLIED GARMENTS
2353 HATS, CAPS, AND MILLINERY
2361 GIRLS', CHILDREN'S' AND INFANTS' DRESSES, BLOUSES, AND SHIRTS
2369 GIRLS', CHILDREN'S, AND INFANTS' OUTERWEAR, NEC
2371 FUR GOODS
2381 FABRIC DRESS AND WORK GLOVES
2384 ROBES AND DRESSING GOWNS
2385 WATERPROOF OUTERWEAR
2386 LEATHER AND SHEEP-LINED CLOTHING
2387 APPAREL BELTS
2389 APPAREL AND ACCESSORIES, NEC
2391 CURTAINS AND DRAPERIES
2392 HOUSE FURNISHINGS, NEC
2393 TEXTILE BAGS
2394 CANVAS AND RELATED PRODUCTS
2395 PLEATING, STITCHING, AND TUCKING FOR TRADE
2396 AUTOMOTIVE TRIMMINGS, APPAREL FINDINGS, AND RELATED PRODUCTS
2397 SCHIFFLI MACHINE EMBROIDERIES
2399 FABRICATED TEXTILE PRODUCTS, NEC

LUMBER AND WOOD PRODUCTS

2411 LOGGING
2421 SAWMILLS AND PLANING MILLS, GENERAL
2426 HARDWOOD DIMENSION AND FLOORING MILLS
2429 SPECIAL PRODUCT SAWMILLS, NEC
2431 MILLWORK
2434 WOOD KITCHEN CABINETS
2435 HARDWOOD VENEER AND PLYWOOD
2436 SOFTWOOD VENEER AND PLYWOOD
2439 STRUCTURAL WOOD MEMBERS, NEC
2441 NAILED AND LOCK CORNER WOOD BOXES AND SHOOK
2448 WOOD PALLETS AND SKIDS
2449 WOOD CONTAINERS, NEC
2451 MOBILE HOMES
2452 PREFABRICATED WOOD BUILDINGS AND COMPONENTS
2491 WOOD PRESERVING
2493 RECONSTITUTED WOOD PRODUCTS
2499 WOOD PRODUCTS, NEC

FURNITURE AND FIXTURES

2511 WOOD HOUSEHOLD FURNITURE, EXCEPT UPHOLSTERED
2512 UPHOLSTERED HOUSEHOLD FURNITURE
2514 METAL HOUSEHOLD FURNITURE
2515 MATTRESSES, FOUNDATIONS, AND CONVERTIBLE BEDS
2517 WOOD TV, RADIO, PHONOGRAPH, AND SEWING MACHINE CABINETS
2519 HOUSEHOLD FURNITURE, NEC
2521 WOOD OFFICE FURNITURE
2522 OFFICE FURNITURE, EXCEPT WOOD
2531 PUBLIC BUILDING AND RELATED FURNITURE
2541 WOOD PARTITIONS AND FIXTURES
2542 PARTITIONS AND FIXTURES, EXCEPT WOOD

Note: nec = not elsewhere classified.

SIC Code	Industry
2591	Drapery hardware and window blinds and shades
2599	Furniture and fixtures, nec
PAPER AND ALLIED PRODUCTS	
2611	Pulp mills
2621	Paper mills
2631	Paperboard mills
2652	Set-up paperboard boxes
2653	Corrugated and solid fiber boxes
2655	Fiber cans, tubes, drums, and similar products
2656	Sanitary food containers, except folding
2657	Folding paperboard boxes, including sanitary
2671	Packaging paper and plastics film, coated and laminated
2672	Coated and laminated paper, nec
2673	Plastics, foil, and coated paper bags
2674	Uncoated paper and multiwall bags
2675	Die-cut paper and paperboard
2676	Sanitary paper products
2677	Envelopes
2678	Stationery and related products
2679	Converted paper products, nec
PRINTING AND PUBLISHING	
2711	Newspapers: publishing, or publishing and printing
2721	Periodicals: publishing, or publishing and printing
2731	Books: publishing, or publishing and printing
2732	Book printing
2741	Miscellaneous publishing
2752	Commercial printing, lithographic
2754	Commercial printing, gravure
2759	Commercial printing, nec
2761	Manifold business forms
2771	Greeting cards
2782	Blankbooks and looseleaf binders
2789	Bookbinding and related work
2791	Typesetting
2796	Platemaking and related services
CHEMICALS AND ALLIED PRODUCTS	
2812	Alkalies and chlorine
2813	Industrial gases
2816	Inorganic pigments
2819	Industrial inorganic chemicals, nec
2821	Plastics materials and resins
2822	Synthetic rubber
2823	Cellulosic man-made fibers
2824	Man-made organic fibers, except cellulosic
2833	Medicinal chemicals and botanical products
2834	Pharmaceutical preparations
2835	In vitro and in vivo diagnostic substances
2836	Biological products, except diagnostic
2841	Soap and other detergents, except specialty cleaning
2842	Specialty cleaners, polishes, and sanitation preparations
2843	Surface active agents and related products
2844	Perfumes, cosmetics, and other toilet preparations
2851	Paints and allied products
2861	Gum and wood chemicals
2865	Cyclic organic crudes, intermediates, dyes and pigments
2869	Industrial organic chemicals, nec
2873	Nitrogenous fertilizers
2874	Phosphatic fertilizers
2875	Fertilizers, mixing only
2879	Pesticides and agricultural chemicals, nec
2891	Adhesives and sealants
2892	Explosives
2893	Printing ink
2895	Carbon black
2899	Chemical preparations, nec
PETROLEUM AND COAL PRODUCTS	
2911	Petroleum refining
2951	Asphalt paving mixtures and blocks
2952	Asphalt felts and coatings
2992	Lubricating oils and greases
2999	Petroleum and coal products, nec
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	
3011	Tires and inner tubes
3021	Rubber and plastics footwear
3052	Rubber and plastics hose and belting
3053	Gaskets, packing and sealing devices
3061	Mechanical rubber goods
3069	Fabricated rubber products, nec
3081	Unsupported plastics film and sheet
3082	Unsupported plastics, profile shapes
3083	Laminated plastics plate, sheet, and profile shapes
3084	Plastics, pipe
3085	Plastics, bottles
3086	Plastics, foam products
3087	Custom compounding of purchased plastic resins
3088	Plastics, plumbing fixtures
3089	Plastics products, nec
LEATHER AND LEATHER PRODUCTS	
3111	Leather tanning and finishing
3131	Footwear, cut stock and findings
3142	House slippers
3143	Men's footwear, except athletic
3144	Women's footwear, except athletic
3149	Footwear, except rubber, nec
3151	Leather gloves and mittens
3161	Luggage
3171	Women's handbags and purses
3172	Personal leather goods, nec
3199	Leather goods, nec
STONE, CLAY, AND GLASS PRODUCTS	
3211	Flat glass
3221	Glass containers
3229	Pressed and blown glass, nec
3231	Products made of purchased glass
3241	Cement, hydraulic
3251	Brick and structural clay tile
3253	Ceramic wall and floor tile
3255	Clay refractories
3259	Structural clay products, nec
3261	Vitreous china plumbing fixtures, china and earthenware fittings and bathroom accessories
3262	Vitreous china table and kitchenware
3263	Fine earthenware (whiteware) table and kitchenware
3264	Porcelain electrical supplies
3269	Pottery products, nec
3271	Concrete block and brick
3272	Concrete products, nec
3273	Ready-mixed concrete
3274	Lime
3275	Gypsum products
3281	Cut stone and stone products
3291	Abrasive products
3292	Asbestos products
3295	Minerals and earths, ground or otherwise treated
3296	Mineral wool
3297	Nonclay refractories
3299	Nonmetallic mineral products, nec
PRIMARY METAL INDUSTRIES	
3312	Steel works, blast furnaces, and rolling mills
3313	Electrometallurgical products, except steel
3315	Steel wire and related products
3316	Cold finishing of steel shapes
3317	Steel pipe and tubes
3321	Gray and ductile iron foundries
3322	Malleable iron foundries
3324	Steel investment foundries
3325	Steel foundries, nec

Note: nec = not elsewhere classified.

3331 PRIMARY COPPER SMELTING AND REFINING
3334 PRIMARY ALUMINUM PRODUCTION
3339 PRIMARY SMELTING AND REFINING OF NONFERROUS METALS, NEC
3341 SECONDARY SMELTING AND REFINING OF NONFERROUS METALS
3351 COPPER ROLLING, DRAWING, EXTRUDING
3353 ALUMINUM SHEET, PLATE, AND FOIL
3354 ALUMINUM EXTRUDED PRODUCTS
3355 ALUMINUM ROLLING AND DRAWING, NEC
3356 NONFERROUS ROLLING, DRAWING, AND EXTRUDING, NEC
3357 NONFERROUS WIRE DRAWING AND INSULATING
3363 ALUMINUM DIE-CASTINGS
3364 NONFERROUS DIE-CASTINGS, EXCEPT ALUMINUM
3365 ALUMINUM FOUNDRIES
3366 COPPER FOUNDRIES
3369 NONFERROUS FOUNDRIES, NEC
3398 METAL HEAT TREATING
3399 PRIMARY METAL PRODUCTS, NEC

FABRICATED METAL PRODUCTS

3411 METAL CANS
3412 METAL BARRELS, DRUMS, AND PAILS
3421 CUTLERY
3423 HAND AND EDGE TOOLS, NEC
3425 SAW BLADES AND HANDSAWS
3429 HARDWARE, NEC
3431 ENAMELED IRON AND METAL SANITARY WARE
3432 PLUMBING FIXTURE FITTINGS AND TRIM
3433 HEATING EQUIPMENT, EXCEPT ELECTRIC AND WARM AIR FURNACES
3441 FABRICATED STRUCTURAL METAL
3442 METAL DOORS, SASH, AND TRIM
3443 FABRICATED PLATE WORK (BOILER SHOPS)
3444 SHEET METAL WORK
3446 ARCHITECTURAL AND ORNAMENTAL METAL WORK
3448 PREFABRICATED METAL BUILDINGS AND COMPONENTS
3449 MISCELLANEOUS STRUCTURAL METAL WORK
3451 SCREW MACHINE PRODUCTS
3452 BOLTS, NUTS, SCREWS, RIVETS, AND WASHERS
3462 IRON AND STEEL FORGINGS
3463 NONFERROUS FORGINGS
3465 AUTOMOTIVE STAMPINGS
3466 CROWNS AND CLOSURES
3469 METAL STAMPINGS, NEC
3471 PLATING AND POLISHING
3479 METAL COATING AND ALLIED SERVICES
3482 SMALL ARMS AMMUNITION
3483 AMMUNITION, NEC
3484 SMALL ARMS
3489 ORDNANCE AND ACCESSORIES, NEC
3491 INDUSTRIAL VALVES
3492 FLUID POWER VALVES AND HOSE FITTINGS
3493 STEEL SPRINGS, EXCEPT WIRE
3494 VALVES AND PIPE FITTINGS, NEC
3495 WIRE SPRINGS
3496 MISCELLANEOUS FABRICATED WIRE PRODUCTS
3497 METAL FOIL AND LEAF
3498 FABRICATED PIPE AND FITTINGS
3499 FABRICATED METAL PRODUCTS, NEC

INDUSTRIAL MACHINERY AND EQUIPMENT

3511 TURBINES AND TURBINE GENERATOR SETS
3519 INTERNAL COMBUSTION ENGINES, NEC
3523 FARM MACHINERY AND EQUIPMENT
3524 LAWN AND GARDEN EQUIPMENT
3531 CONSTRUCTION MACHINERY
3532 MINING MACHINERY
3533 OIL AND GAS FIELD MACHINERY
3534 ELEVATORS AND MOVING STAIRWAYS
3535 CONVEYORS AND CONVEYING EQUIPMENT
3536 HOISTS, CRANES, AND MONORAILS
3537 INDUSTRIAL TRUCKS, TRACTORS, TRAILERS, AND STACKERS
3541 MACHINE TOOLS, METAL CUTTING TYPES
3542 MACHINE TOOLS, METAL FORMING TYPES
3543 INDUSTRIAL PATTERNS
3544 SPECIAL DIES, TOOLS, JIGS AND FIXTURES, AND INDUSTRIAL MOLDS
3545 CUTTING TOOLS AND MACHINE TOOL ACCESSORIES
3546 POWER DRIVEN HAND TOOLS
3547 ROLLING MILL MACHINERY
3548 WELDING AND SOLDERING EQUIPMENT
3549 METALWORKING MACHINERY, NEC
3552 TEXTILE MACHINERY
3553 WOODWORKING MACHINERY
3554 PAPER INDUSTRIES MACHINERY
3555 PRINTING TRADES MACHINERY
3556 FOOD PRODUCTS MACHINERY
3559 SPECIAL INDUSTRY MACHINERY, NEC
3561 PUMPS AND PUMPING EQUIPMENT
3562 BALL AND ROLLER BEARINGS
3563 AIR AND GAS COMPRESSORS
3564 BLOWERS, FANS, AND AIR PURIFICATION EQUIPMENTS
3565 PACKAGING MACHINERY
3566 SPEED CHANGERS, DRIVES, AND GEARS
3567 INDUSTRIAL FURNACES AND OVENS
3568 POWER TRANSMISSION EQUIPMENT, NEC
3569 GENERAL INDUSTRIAL MACHINERY, NEC
3571 ELECTRONIC COMPUTERS
3572 COMPUTER STORAGE DEVICES
3575 COMPUTER TERMINALS
3577 COMPUTER PERIPHERAL EQUIPMENT, NEC
3578 CALCULATING AND ACCOUNTING MACHINES EXCEPT ELECTRIC COMPUTERS
3579 OFFICE MACHINES, NEC
3581 AUTOMATIC VENDING MACHINES
3582 COMMERCIAL LAUNDRY EQUIPMENT
3585 REFRIGERATION AND HEATING EQUIPMENT
3586 MEASURING AND DISPENSING PUMPS
3589 SERVICE INDUSTRY MACHINERY, NEC
3592 CARBURETORS, PISTONS, RINGS, VALVES
3593 FLUID POWER CYLINDERS AND ACTUATORS
3594 FLUID POWER PUMPS AND MOTORS
3596 SCALES AND BALANCES, EXCEPT LABORATORY
3599 INDUSTRIAL AND COMMERCIAL MACHINERY AND EQUIPMENT, NEC

ELECTRONIC AND OTHER ELECTRIC EQUIPMENT

3612 POWER, DISTRIBUTION, AND SPECIALTY TRANSFORMERS
3613 SWITCHGEAR AND SWITCHBOARD APPARATUS
3621 MOTORS AND GENERATORS
3624 CARBON AND GRAPHITE PRODUCTS
3625 RELAYS AND INDUSTRIAL CONTROLS
3629 ELECTRICAL INDUSTRIAL APPARATUS, NEC
3631 HOUSEHOLD COOKING EQUIPMENT
3632 HOUSEHOLD REFRIGERATORS AND FREEZERS
3633 HOUSEHOLD LAUNDRY EQUIPMENT
3634 ELECTRIC HOUSEWARES AND FANS
3635 HOUSEHOLD VACUUM CLEANERS
3639 HOUSEHOLD APPLIANCES, NEC
3641 ELECTRIC LAMP BULBS AND TUBES
3643 CURRENT-CARRYING WIRING DEVICES
3644 NONCURRENT-CARRYING WIRING DEVICES
3645 RESIDENTIAL ELECTRIC LIGHTING FIXTURES
3646 COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL ELECTRIC LIGHTING FIXTURES
3647 VEHICULAR LIGHTING EQUIPMENT
3648 LIGHTING EQUIPMENT, NEC
3651 HOUSEHOLD AUDIO AND VIDEO EQUIPMENT
3652 PRERECORDED RECORDS, TAPES, DISKS
3661 TELEPHONE AND TELEGRAPH APPARATUS
3663 RADIO AND TV COMMUNICATION EQUIPMENT
3669 COMMUNICATIONS EQUIPMENT, NEC
3671 ELECTRON TUBES
3672 PRINTED CIRCUIT BOARDS
3674 SEMICONDUCTORS AND RELATED DEVICES
3675 ELECTRONIC CAPACITORS
3676 ELECTRONIC RESISTORS
3677 ELECTRONIC COILS, TRANSFORMERS, AND OTHER INDUCTORS
3678 ELECTRONIC CONNECTORS
3679 ELECTRONIC COMPONENTS, NEC
3691 STORAGE BATTERIES

Note: nec = not elsewhere classified.

SIC Code	Industry
3692	Primary batteries, dry and wet
3694	Combustion engine electrical equipment
3695	Magnetic and optical recording media
3699	Electrical machinery, equipment and supplies, nec

TRANSPORTATION EQUIPMENT

SIC Code	Industry
3711	Motor vehicles and passenger car bodies
3713	Truck and bus bodies
3714	Motor vehicle parts and accessories
3715	Truck trailers
3716	Motor homes
3721	Aircraft
3724	Aircraft engines and engine parts
3728	Aircraft parts and equipment, nec
3731	Ship building and repairing
3732	Boat building and repairing
3743	Railroad equipment
3751	Motorcycles, bicycles, and parts
3761	Guided missiles and space vehicles
3764	Missile and space vehicle propulsion units and parts
3769	Missile and space vehicle equipment, nec
3792	Travel trailers and campers
3795	Tanks and tank components
3799	Transportation equipment, nec

INSTRUMENTS AND RELATED PRODUCTS

SIC Code	Industry
3812	Search, navigation, and related equipment
3821	Laboratory apparatus and furniture
3822	Automatic environmental and appliance controls
3823	Process control and related instruments
3824	Fluid meters and counting devices
3825	Instruments to measure electricity
3826	Laboratory analytical instruments
3827	Optical instruments and lenses
3829	Measuring and controlling devices, nec
3841	Surgical and medical instruments
3842	Orthopedic, prosthetic, and surgical appliances and supplies
3843	Dental equipment and supplies
3844	X-ray apparatus and tubes
3845	Electromedical equipment
3851	Ophthalmic goods
3861	Photographic equipment and supplies
3873	Watches, clocks, and parts

MISCELLANEOUS MANUFACTURING INDUSTRIES

SIC Code	Industry
3911	Jewelry, precious metal
3914	Silverware and plated ware
3915	Jewelers' materials and lapidary work
3931	Musical instruments
3942	Dolls and stuffed toys
3944	Games, toys, and children's vehicles
3949	Sporting and athletic goods, nec
3951	Pens and mechanical pencils
3952	Lead pencils, crayons, and artist's materials
3953	Marking devices
3955	Carbon paper and inked ribbons
3961	Costume jewelry and novelties
3965	Fasteners, buttons, needles, and pins
3991	Brooms and brushes
3993	Signs and advertising specialties
3995	Burial caskets
3996	Hard surface floor coverings, nec
3999	Manufacturing industries, nec

TRANSPORTATION AND UTILITIES

RAILROAD TRANSPORTATION

SIC Code	Industry
4011	Railroads, line-haul operating
4013	Switching and terminal devices

LOCAL AND INTERURBAN PASSENGER TRANSIT

SIC Code	Industry
4111	Local and suburban transit
4119	Local passenger transportation, nec
4121	Taxicabs
4131	Intercity and rural bus transportation
4141	Local bus charter service
4142	Bus charter service, except local
4151	School buses
4173	Terminal and service facilities for motor vehicle passenger transport

TRUCKING AND WAREHOUSING

SIC Code	Industry
4212	Local trucking, without storage
4213	Trucking, except local
4214	Local trucking with storage
4215	Courier services, except by air
4221	Farm product warehousing and storage
4222	Refrigerated warehousing and storage
4225	General warehousing and storage
4226	Special warehousing and storage, nec
4231	Motor freight terminal facilities

U.S. POSTAL SERVICE

SIC Code	Industry
4311	U.S. Postal Service

WATER TRANSPORTATION

SIC Code	Industry
4412	Deep sea foreign transportation of freight
4424	Deep sea domestic transportation of freight
4432	Freight transportation on the Great Lakes
4449	Water transportation of freight, nec
4481	Deep sea passenger transportation, except by ferry
4482	Ferries
4489	Water passenger transportation, nec
4491	Marine cargo handling
4492	Towing and tugboat service
4493	Marinas
4499	Water transportation services, nec

TRANSPORTATION BY AIR

SIC Code	Industry
4512	Air transportation, scheduled
4513	Air courier services
4522	Air transportation, nonscheduled
4581	Airports, flying fields, and terminal services

PIPELINES, EXCEPT NATURAL GAS

SIC Code	Industry
4612	Crude petroleum pipelines
4613	Refined petroleum pipelines
4619	Pipelines, nec

TRANSPORTATION SERVICES

SIC Code	Industry
4724	Travel agencies
4725	Tour operators
4729	Passenger transportation arrangement, nec
4731	Freight and cargo transportation arrangement
4741	Rental of railroad cars
4783	Packing and crating
4785	Fixed facilities and inspection and weighing services
4789	Transportation services, nec

COMMUNICATIONS

SIC Code	Industry
4812	Radiotelephone communications
4813	Telephone communications, except radiotelephone
4822	Telegraph and other message communications
4832	Radio broadcasting stations
4833	Television broadcasting stations

Note: nec = not elsewhere classified.

4841 Cable and other pay TV services
4899 Communication services, nec

ELECTRIC, GAS, AND SANITARY SERVICES

4911 Electric services
4922 Natural gas transmission
4923 Gas transmission and distribution
4924 Natural gas distribution
4925 Gas production and/or distribution
4931 Electric and other services combined
4932 Gas and other services combined
4939 Combination utilities, nec
4941 Water supply
4952 Sewerage systems
4953 Refuse systems
4959 Sanitary services, nec
4961 Steam and air conditioning supply
4971 Irrigation systems

WHOLESALE TRADE

WHOLESALE TRADE, DURABLE GOODS

5012 Automobiles and other motor vehicles
5013 Motor vehicle supplies and new parts
5014 Tires and tubes
5015 Motor vehicle parts, used
5021 Furniture
5023 Home furnishings
5031 Lumber, plywood, and millwork
5032 Brick, stone, and related materials
5033 Roofing, siding, and insulation
5039 Construction materials, nec
5043 Photographic equipment and supplies
5044 Office equipment
5045 Computers, peripherals, and software
5046 Commercial equipment, nec
5047 Medical, dental, and hospital equipment
5048 Ophthalmic goods
5049 Professional equipment, nec
5051 Metals service centers and offices
5052 Coal and other minerals and ores
5063 Electrical apparatus and equipment
5064 Electrical appliances, TV and radios
5065 Electronic parts and equipment, nec
5072 Hardware
5074 Plumbing and hydronic heating supplies
5075 Warm air heating and air conditioning equipment
5078 Refrigeration equipment and supplies
5082 Construction and mining machinery
5083 Farm and garden machinery
5084 Industrial machinery and equipment
5085 Industrial supplies
5087 Service establishment equipment
5088 Transportation equipment and supplies, except motor vehicles
5091 Sporting and recreational goods
5092 Toys and hobby goods and supplies
5093 Scrap and waste materials
5094 Jewelry, watches, precious stones, and precious metals
5099 Durable goods, nec

WHOLESALE TRADE, NONDURABLE GOODS

5111 Printing and writing paper
5112 Stationery and office supplies
5113 Industrial and personal service paper
5122 Drugs, proprietaries, and sundries
5131 Piece goods and other dry goods
5136 Men's and boys' clothing and furnishings
5137 Women's, children's, and infants' clothing and accessories
5139 Footwear
5141 Groceries, general line
5142 Packaged frozen foods
5143 Dairy products, except dried or canned
5144 Poultry and poultry products
5145 Confectionery
5146 Fish and seafoods
5147 Meats and meat products
5148 Fresh fruits and vegetables
5149 Groceries and related products, nec
5153 Grain and field beans
5154 Livestock
5159 Farm-product raw materials, nec
5162 Plastics materials and basic shapes
5169 Chemicals and allied products, nec
5171 Petroleum bulk stations and terminals
5172 Petroleum products wholesalers, nec
5181 Beer and ale
5182 Wines and distilled alcoholic beverages
5191 Farm supplies
5192 Books, periodicals, and newspapers
5193 Flowers and florists' supplies
5194 Tobacco and tobacco products
5198 Paints, varnishes, and supplies
5199 Nondurable goods, nec

RETAIL TRADE

BUILDING MATERIALS AND GARDEN SUPPLIES

5211 Lumber and other building materials dealers
5231 Paint, glass, and wallpaper stores
5251 Hardware stores
5261 Retail nurseries and garden supply stores
5271 Mobile home dealers

GENERAL MERCHANDISE STORES

5311 Department stores
5331 Variety stores
5399 Miscellaneous general merchandise stores

FOOD STORES

5411 Grocery stores
5421 Meat and fish markets
5431 Fruit and vegetable markets
5441 Candy, nut, and confectionery stores
5451 Dairy products stores
5461 Retail bakers
5499 Miscellaneous food stores

AUTOMOTIVE DEALERS AND SERVICE STATIONS

5511 New and used car dealers
5521 Used car dealers
5531 Auto and home supply stores
5541 Gasoline service stations
5551 Boat dealers
5561 Recreational vehicle dealers
5571 Motorcycle dealers
5599 Automotive dealers, nec

APPAREL AND ACCESSORY STORES

5611 Men's and boys' clothing and accessory stores
5621 Women's clothing stores
5632 Women's accessory and specialty stores
5641 Children's and infants' wear stores
5651 Family clothing stores
5661 Shoe stores
5699 Miscellaneous apparel and accessory stores

FURNITURE AND HOME FURNISHINGS STORES

5712 Furniture stores
5713 Floor covering stores
5714 Window treatment and upholstery stores
5719 Miscellaneous home furnishings stores
5722 Household appliance stores
5731 Radio, TV, and electronic stores
5734 Computer and software stores

Note: nec = not elsewhere classified.

SIC Code Industry

5735 RECORD AND PRERECORDED TAPE STORES
5736 MUSICAL INSTRUMENTS STORES

EATING AND DRINKING PLACES
5812 EATING PLACES
5813 DRINKING PLACES

MISCELLANEOUS RETAIL
5912 DRUGSTORES AND PROPRIETARY STORES
5921 LIQUOR STORES
5932 USED MERCHANDISE STORES
5941 SPORTING GOODS AND BICYCLE SHOPS
5942 BOOK STORES
5943 STATIONERY STORES
5944 JEWELRY STORES
5945 HOBBY, TOY, AND GAME SHOPS
5946 CAMERA AND PHOTOGRAPHIC SUPPLY STORES
5947 GIFT, NOVELTY, AND SOUVENIR SHOPS
5948 LUGGAGE AND LEATHER GOODS STORES
5949 SEWING, NEEDLEWORK, AND PIECE GOODS STORES
5961 CATALOG AND MAIL ORDER HOUSES
5962 VENDING MACHINE OPERATORS
5963 DIRECT SELLING ESTABLISHMENTS
5983 FUEL OIL DEALERS
5884 BOTTLED GAS DEALERS
5989 FUEL DEALERS, NEC
5992 FLORISTS
5993 TOBACCO STORES AND STANDS
5994 NEWS DEALERS AND NEWSSTANDS
5995 OPTICAL GOODS STORES
5999 MISCELLANEOUS RETAIL STORES, NEC

FINANCE, INSURANCE & REAL ESTATE

DEPOSITORY INSTITUTIONS
6011 FEDERAL RESERVE BANKS
6019 CENTRAL RESERVE DEPOSITORY INSTITUTIONS, NEC
6021 NATIONAL COMMERCIAL BANKS
6022 STATE COMMERCIAL BANKS
6029 COMMERCIAL BANKS, NEC
6035 FEDERAL SAVINGS INSTITUTIONS
6036 SAVINGS INSTITUTIONS, EXCEPT FEDERAL
6061 FEDERAL CREDIT UNIONS
6062 CREDIT UNIONS, EXCEPT FEDERAL
6081 FOREIGN BANK BRANCHES AND AGENCIES
6082 FOREIGN TRADE AND INTERNATIONAL BANKING INSTITUTIONS
6091 NONDEPOSIT TRUST FACILITIES
6099 DEPOSITORY INSTITUTIONS, NEC

NONDEPOSITORY INSTITUTIONS
6111 FEDERAL AND FEDERALLY-SPONSORED CREDIT AGENCIES
6141 PERSONAL CREDIT INSTITUTIONS
6153 SHORT-TERM BUSINESS CREDIT INSTITUTIONS, EXCEPT AGRICULTURAL
6159 MISCELLANEOUS BUSINESS CREDIT INSTITUTIONS
6162 MORTGAGE BANKERS AND LOAN CORRESPONDENTS
6163 LOAN BROKERS

SECURITY AND COMMODITY BROKERS
6211 SECURITY BROKERS AND DEALERS
6221 COMMODITY CONTRACTS BROKERS AND DEALERS
6231 SECURITY AND COMMODITY EXCHANGES
6282 INVESTMENT ADVICE
6289 SECURITY AND COMMODITY EXCHANGE SERVICES, NEC

INSURANCE CARRIERS
6311 LIFE INSURANCE
6321 ACCIDENT AND HEALTH INSURANCE
6324 HOSPITAL AND MEDICAL SERVICE PLANS
6331 FIRE, MARINE, AND CASUALTY INSURANCE
6351 SURETY INSURANCE
6361 TITLE INSURANCE
6371 PENSION, HEALTH, AND WELFARE FUNDS
6399 INSURANCE CARRIERS, NEC

INSURANCE AGENTS, BROKERS, AND SERVICE
6411 INSURANCE AGENTS, BROKERS, AND SERVICE

REAL ESTATE
6512 NONRESIDENTIAL BUILDING OPERATORS
6513 APARTMENT BUILDING OPERATORS
6514 DWELLING OPERATORS, EXCEPT APARTMENTS
6515 MOBILE HOME SITE OPERATORS
6517 RAILROAD PROPERTY LESSORS
6519 REAL PROPERTY LESSORS, NEC
6531 REAL ESTATE AGENTS AND MANAGERS
6541 TITLE ABSTRACT OFFICES
6552 SUBDIVIDERS AND DEVELOPERS, EXCEPT CEMETERIES
6553 CEMETERY SUBDIVIDERS AND DEVELOPERS

HOLDING AND OTHER INVESTMENT OFFICE
6712 BANK HOLDING COMPANY OFFICES
6719 HOLDING COMPANY OFFICES, NEC
6722 OPEN-END MANAGEMENT INVESTMENT OFFICES
6726 INVESTMENT OFFICES, NEC
6732 EDUCATIONAL, RELIGIOUS, AND CHARITABLE TRUSTS
6733 TRUSTS, NEC
6792 OIL ROYALTY TRADERS
6794 PATENT OWNERS AND LESSORS
6798 REAL ESTATE INVESTMENT TRUSTS
6799 INVESTORS, NEC

SERVICES

HOTELS AND OTHER LODGING PLACES
7011 HOTELS AND MOTELS
7021 ROOMING AND BOARDING HOUSES
7032 SPORTING AND RECREATIONAL CAMPS
7033 RV PARKS AND CAMPSITES
7041 MEMBERSHIP-BASIS ORGANIZATION HOTELS AND LODGING

PERSONAL SERVICES
7211 POWER LAUNDRIES, FAMILY AND COMMERCIAL
7212 GARMENT PRESSING AND CLEANERS' AGENTS
7213 LINEN SUPPLY
7215 COIN-OPERATED LAUNDRIES AND CLEANING
7216 DRY CLEANING PLANTS, EXCEPT RUG
7217 CARPET AND UPHOLSTERY CLEANING
7218 INDUSTRIAL LAUNDERERS
7219 LAUNDRY AND GARMENT SERVICES, NEC
7221 PHOTOGRAPHIC STUDIOS, PORTRAIT

Note: nec = not elsewhere classified.

7231 BEAUTY SHOPS
7241 BARBER SHOPS
7251 SHOE REPAIR AND SHOESHINE SHOPS
7261 FUNERAL SERVICE AND CREMATORIES
7291 TAX RETURN PREPARATION SERVICES
7299 MISCELLANEOUS PERSONAL SERVICES, NEC

BUSINESS SERVICES
7311 ADVERTISING AGENCIES
7312 OUTDOOR ADVERTISING SERVICES
7313 RADIO, TV, PUBLISHER ADVERTISING REPRESENTATIVES
7319 ADVERTISING, NEC
7322 ADJUSTMENT AND COLLECTION SERVICES
7323 CREDIT REPORTING SERVICES
7331 DIRECT MAIL ADVERTISING SERVICES
7334 PHOTOCOPYING AND DUPLICATING SERVICES
7335 COMMERCIAL PHOTOGRAPHY
7336 COMMERCIAL ART AND GRAPHIC DESIGN
7338 SECRETARIAL AND COURT REPORTING
7342 DISINFECTING AND PEST CONTROL SERVICES
7349 BUILDING MAINTENANCE SERVICES, NEC
7352 MEDICAL EQUIPMENT RENTAL
7353 HEAVY CONSTRUCTION EQUIPMENT RENTAL
7359 EQUIPMENT RENTAL AND LEASING, NEC
7361 EMPLOYMENT AGENCIES
7363 HELP SUPPLY SERVICES
7371 COMPUTER PROGRAMMING SERVICES
7372 PREPACKAGED SOFTWARE
7373 COMPUTER INTEGRATED SYSTEMS DESIGN
7374 DATA PROCESSING SERVICES
7375 INFORMATION RETRIEVAL SERVICES
7376 COMPUTER FACILITIES MANAGEMENT
7377 COMPUTER RENTAL AND LEASING
7378 COMPUTER MAINTENANCE AND REPAIR
7379 COMPUTER RELATED SERVICES, NEC
7381 DETECTIVE, GUARD, AND ARMORED CAR SERVICES
7382 SECURITY SYSTEMS SERVICES
7383 NEWS SYNDICATES
7384 PHOTOFINISHING LABORATORIES
7389 BUSINESS SERVICES, NEC

AUTOMOTIVE REPAIR, SERVICES, AND PARKING
7513 TRUCK RENTAL AND LEASING, NO DRIVERS
7514 PASSENGER CAR RENTAL
7515 PASSENGER CAR LEASING
7519 UTILITY TRAILER AND RV RENTAL
7521 AUTOMOBILE PARKING
7532 TOP, BODY, AND UPHOLSTERY REPAIR AND PAINT SHOPS
7533 AUTO EXHAUST SYSTEM REPAIR SHOPS
7534 TIRE RETREADING AND REPAIR SHOPS
7536 AUTOMOTIVE GLASS REPLACEMENT SHOPS
7537 AUTOMOTIVE TRANSMISSION REPAIR SHOPS
7538 GENERAL AUTOMOTIVE REPAIR SHOPS
7539 AUTOMOTIVE REPAIR SHOPS, NEC
7542 CAR WASHES
7549 AUTOMOTIVE SERVICES, NEC

MISCELLANEOUS REPAIR SERVICES
7622 RADIO AND TELEVISION REPAIR
7623 REFRIGERATION SERVICE AND REPAIR
7629 ELECTRICAL REPAIR SHOPS, NEC
7631 WATCH, CLOCK, AND JEWELRY REPAIR
7641 REUPHOLSTERY AND FURNITURE REPAIR
7692 WELDING REPAIR
7694 ARMATURE REWINDING SHOPS
7699 REPAIR SHOPS AND RELATED SERVICES, NEC

MOTION PICTURES
7812 MOTION PICTURE AND VIDEO PRODUCTION
7819 SERVICES ALLIED TO MOTION PICTURE PRODUCTION
7822 MOTION PICTURE AND VIDEO DISTRIBUTION
7829 MOTION PICTURE DISTRIBUTION SERVICES
7832 MOTION PICTURE THEATERS EXCEPT DRIVE-INS
7833 DRIVE-IN MOTION PICTURE THEATERS
7841 VIDEO TAPE RENTAL

AMUSEMENT AND RECREATION SERVICES
7911 DANCE STUDIOS, SCHOOLS, AND HALLS
7922 THEATRICAL PRODUCERS AND SERVICES
7929 ENTERTAINERS AND ENTERTAINMENT GROUPS
7933 BOWLING CENTERS
7941 SPORTS CLUBS, MANAGERS, AND PROMOTERS
7948 RACING, INCLUDING TRACK OPERATION
7991 PHYSICAL FITNESS FACILITIES
7992 PUBLIC GOLF COURSES
7993 COIN-OPERATED AMUSEMENT DEVICES
7996 AMUSEMENT PARKS
7997 MEMBERSHIP SPORTS AND RECREATION CLUBS
7999 AMUSEMENT AND RECREATION, NEC

HEALTH SERVICES
8011 OFFICES AND CLINICS OF MEDICAL DOCTORS
8021 OFFICES AND CLINICS OF DENTISTS
8031 OFFICES AND CLINICS OF OSTEOPATHIC PHYSICIANS
8041 OFFICES AND CLINICS OF CHIROPRACTORS
8042 OFFICES AND CLINICS OF OPTOMETRISTS
8043 OFFICE AND CLINICS OF PODIATRISTS
8049 OFFICES AND CLINICS OF HEALTH PRACTITIONERS, NEC
8051 SKILLED NURSE CARE FACILITIES
8052 INTERMEDIATE CARE FACILITIES
8059 NURSING AND PERSONAL CARE FACILITIES, NEC
8062 GENERAL MEDICAL AND SURGICAL HOSPITALS
8063 PSYCHIATRIC HOSPITALS
8069 SPECIALTY HOSPITALS, EXCEPT PSYCHIATRIC
8071 MEDICAL LABORATORIES
8072 DENTAL LABORATORIES
8082 HOME HEALTH CARE SERVICES
8092 KIDNEY DIALYSIS CENTERS
8093 SPECIALTY OUTPATIENT CLINICS, NEC
8099 HEALTH AND ALLIED SERVICES, NEC

LEGAL SERVICES
8111 LEGAL SERVICES

EDUCATIONAL SERVICES
8211 ELEMENTARY AND SECONDARY SCHOOLS
8221 COLLEGES AND UNIVERSITIES
8222 JUNIOR COLLEGES
8231 LIBRARIES
8243 DATA PROCESSING SCHOOLS
8244 BUSINESS AND SECRETARIAL SCHOOLS
8249 VOCATIONAL SCHOOLS, NEC
8299 SCHOOLS AND EDUCATIONAL SERVICES, NEC

SOCIAL SERVICES
8322 INDIVIDUAL AND FAMILY SOCIAL SERVICES
8331 JOB TRAINING AND RELATED SERVICES
8351 CHILD DAY CARE SERVICES
8361 RESIDENTIAL CARE
8399 SOCIAL SERVICES, NEC

MUSEUMS, BOTANICAL, ZOOLOGICAL GARDENS
8412 MUSEUMS AND ART GALLERIES
8422 BOTANICAL AND ZOOLOGICAL GARDENS

MEMBERSHIP ORGANIZATIONS
8611 BUSINESS ASSOCIATIONS
8621 PROFESSIONAL ORGANIZATIONS
8631 LABOR ORGANIZATIONS
8641 CIVIC AND SOCIAL ASSOCIATIONS
8651 POLITICAL ORGANIZATIONS
8661 RELIGIOUS ORGANIZATIONS
8699 MEMBERSHIP ORGANIZATIONS, NEC

ENGINEERING AND MANAGEMENT SERVICES
8711 ENGINEERING SERVICES
8712 ARCHITECTURAL SERVICES
8713 SURVEYING SERVICES
8721 ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES
8731 COMMERCIAL PHYSICAL AND BIOLOGICAL RESEARCH
8732 COMMERCIAL ECONOMIC, SOCIOLOGICAL, AND EDUCATIONAL RESEARCH
8733 NONCOMMERCIAL RESEARCH ORGANIZATIONS

Note: nec = not elsewhere classified.

SIC Code	Industry
8734	TESTING LABORATORIES
8741	MANAGEMENT SERVICES
8742	MANAGEMENT CONSULTING SERVICES
8743	PUBLIC RELATIONS SERVICES
8744	FACILITIES SUPPORT SERVICES
8748	BUSINESS CONSULTING SERVICES, NEC
	PRIVATE HOUSEHOLDS
8811	PRIVATE HOUSEHOLDS
	SERVICES, NEC
8999	SERVICES, NEC
	PUBLIC ADMINISTRATION
	EXECUTIVE, LEGISLATIVE, AND GENERAL
9111	EXECUTIVE OFFICES
9121	LEGISLATIVE BODIES
9131	EXECUTIVE AND LEGISLATIVE OFFICES COMBINED
9199	GENERAL GOVERNMENT, NEC
	JUSTICE, PUBLIC ORDER, AND SAFETY
9211	COURTS
9221	POLICE PROTECTION
9222	LEGAL COUNSEL AND PROSECUTION
9223	CORRECTIONAL INSTITUTIONS
9224	FIRE PROTECTION
9229	PUBLIC ORDER AND SAFETY, NEC
	FINANCE, TAXATION, AND MONETARY POLICY
9311	PUBLIC FINANCE, TAXATION, AND MONETARY POLICY
	ADMINISTRATION OF HUMAN RESOURCES
9411	ADMINISTRATION OF EDUCATIONAL PROGRAMS
9431	ADMINISTRATION OF PUBLIC HEALTH PROGRAMS
9441	ADMINISTRATION OF SOCIAL, HUMAN RESOURCE, AND INCOME MAINTENANCE PROGRAMS
9451	ADMINISTRATION OF VETERANS' AFFAIRS, EXCEPT HEALTH INSURANCE
	ENVIRONMENTAL QUALITY AND HOUSING
9511	AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT
9512	LAND, MINERAL, WILDLIFE, AND FOREST CONSERVATION
9531	ADMINISTRATION OF HOUSING PROGRAMS
9532	ADMINISTRATION OF URBAN AND COMMUNITY DEVELOPMENT
	ADMINISTRATION OF ECONOMIC PROGRAMS
9611	ADMINISTRATION OF GENERAL ECONOMIC PROGRAMS
9621	REGULATION AND ADMINISTRATION OF TRANSPORTATION PROGRAMS
9631	REGULATION AND ADMINISTRATION OF UTILITIES
9641	REGULATION OF AGRICULTURAL MARKETING AND COMMODITY
9651	REGULATION OF MISCELLANEOUS COMMERCIAL SECTORS
9661	SPACE RESEARCH AND TECHNOLOGY
	NATIONAL SECURITY AND INTERNATIONAL AFFAIRS
9711	NATIONAL SECURITY
9721	INTERNATIONAL AFFAIRS
	NONCLASSIFIABLE ESTABLISHMENTS
9999	NONCLASSIFIABLE ESTABLISHMENT

Note: nec = not elsewhere classified.

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Note: nec = not elsewhere classified.

SOURCE CODES

SOURCE CODES DESCRIBE THE TYPE OF PROCESS OR ACTIVITY (I.E., SOURCE) FROM WHICH A HAZARDOUS WASTE WAS GENERATED.

CODE	WASTE SOURCE
CLEANING AND DEGREASING	
A01	STRIPPING
A02	ACID CLEANING
A03	CAUSTIC (ALKALI) CLEANING
A04	FLUSH RINSING
A05	DIP RINSING
A06	SPRAY RINSING
A07	VAPOR DEGREASING
A08	PHYSICAL SCRAPING AND REMOVAL
A09	CLEAN OUT PROCESS EQUIPMENT
A19	OTHER CLEANING AND DEGREASING (SPECIFY IN COMMENTS)
SURFACE PREPARATION AND FINISHING	
A21	PAINTING
A22	ELECTROPLATING
A23	ELECTROLESS PLATING
A24	PHOSPHATING
A25	HEAT TREATING
A26	PICKLING
A27	ETCHING
A29	OTHER SURFACE COATING/PREPARATION (SPECIFY IN COMMENTS)
PROCESSES OTHER THAN SURFACE PREPARATION	
A31	PRODUCT RINSING
A32	PRODUCT FILTERING
A33	PRODUCT DISTILLATION
A34	PRODUCT SOLVENT EXTRACTION
A35	BY-PRODUCT PROCESSING
A36	SPENT CATALYST REMOVAL
A37	SPENT PROCESS LIQUIDS REMOVAL
A38	TANK SLUDGE REMOVAL
A39	SLAG REMOVAL
A40	METAL FORMING
A41	PLASTICS FORMING
A49	OTHER PROCESSES OTHER THAN SURFACE PREPARATION (SPECIFY IN COMMENTS)
PRODUCTION OR SERVICE DERIVED ONE-TIME AND INTERMITTENT PROCESSES	
A51	LEAK COLLECTION
A53	CLEANUP OF SPILL RESIDUES
A54	OIL CHANGES
A55	FILTER/BATTERY REPLACEMENT
A56	DISCONTINUE USE OF PROCESS EQUIPMENT
A57	DISCARDING OFF-SPEC MATERIAL
A58	DISCARDING OUT-OF-DATE PRODUCTS OR CHEMICALS
A59	OTHER PRODUCTION-DERIVED ONE-TIME AND INTERMITTENT PROCESSES (SPECIFY IN COMMENTS)
A60	SLUDGE REMOVAL
REMEDIATION DERIVED WASTE	
A61	SUPERFUND REMEDIAL ACTION
A62	SUPERFUND EMERGENCY RESPONSE
A63	RCRA CORRECTIVE ACTION AT SOLID WASTE MANAGEMENT UNIT
A64	RCRA CLOSURE OF HAZARDOUS WASTE MANAGEMENT UNIT
A65	UNDERGROUND STORAGE TANK CLEANUP
A69	OTHER REMEDIATION (SPECIFY IN COMMENTS)
POLLUTION CONTROL OR WASTE TREATMENT PROCESSES	
A71	FILTERING/SCREENING
A72	METALS RECOVERY
A73	SOLVENTS RECOVERY
A74	INCINERATION/THERMAL TREATMENT
A75	WASTEWATER TREATMENT
A76	SLUDGE DEWATERING
A77	STABILIZATION
A78	AIR POLLUTION CONTROL DEVICES
A79	LEACHATE COLLECTION
A89	OTHER POLLUTION CONTROL OR WASTE TREATMENT (SPECIFY IN COMMENTS)

OTHER PROCESSES

A91	CLOTHING AND PERSONAL PROTECTIVE EQUIPMENT
A92	ROUTINE CLEANUP WASTES (E.G., FLOOR SWEEPINGS)
A93	CLOSURE OF MANAGEMENT UNIT(S) OR EQUIPMENT OTHER THAN BY REMEDIATION SPECIFIED IN CODES A61–A69
A94	LABORATORY WASTES
A99	OTHER (SPECIFY IN COMMENTS)

FORM CODES

FORM CODES DESCRIBE THE GENERAL PHYSICAL AND CHEMICAL CHARACTERISTICS OF A HAZARDOUS WASTE.

CODE	WASTE DESCRIPTION
	LAB PACKS
	LAB PACKS – LAB PACKS OF MIXED WASTES, CHEMICALS, LAB WASTES
B001	LAB PACKS OF OLD CHEMICALS ONLY
B002	LAB PACKS OF DEBRIS ONLY
B003	MIXED LAB PACKS
B004	LAB PACKS CONTAINING ACUTE HAZARDOUS WASTES
B009	OTHER LAB PACKS (SPECIFY IN COMMENTS)
	LIQUIDS
	INORGANIC LIQUIDS – WASTE THAT IS PRIMARILY INORGANIC AND HIGHLY FLUID (E.G., AQUEOUS), WITH LOW SUSPENDED INORGANIC SOLIDS AND LOW ORGANIC CONTENT
B101	AQUEOUS WASTE WITH LOW SOLVENTS
B102	AQUEOUS WASTE WITH LOW OTHER TOXIC ORGANICS
B103	SPENT ACID WITH METALS
B104	SPENT ACID WITHOUT METALS
B105	ACIDIC AQUEOUS WASTE
B106	CAUSTIC SOLUTION WITH METALS BUT NO CYANIDES
B107	CAUSTIC SOLUTION WITH METALS AND CYANIDES
B108	CAUSTIC SOLUTION WITH CYANIDES BUT NO METALS
B109	SPENT CAUSTIC
B110	CAUSTIC AQUEOUS WASTE
B111	AQUEOUS WASTE WITH REACTIVE SULFIDES
B112	AQUEOUS WASTE WITH OTHER REACTIVES (E.G., EXPLOSIVES)
B113	OTHER AQUEOUS WASTE WITH HIGH DISSOLVED SOLIDS
B114	OTHER AQUEOUS WASTE WITH LOW DISSOLVED SOLIDS
B115	SCRUBBER WATER
B116	LEACHATE
B117	WASTE LIQUID MERCURY
B119	OTHER INORGANIC LIQUIDS (SPECIFY IN COMMENTS)
	ORGANIC LIQUIDS – WASTE THAT IS PRIMARILY ORGANIC AND IS HIGHLY FLUID, WITH LOW INORGANIC SOLIDS CONTENT AND LOW-TO-MODERATE WATER CONTENT
B201	CONCENTRATED SOLVENT-WATER SOLUTION
B202	HALOGENATED (E.G., CHLORINATED) SOLVENT
B203	NONHALOGENATED SOLVENT
B204	HALOGENATED/NONHALOGENATED SOLVENT MIXTURE
B205	OIL-WATER EMULSION OR MIXTURE
B206	WASTE OIL
B207	CONCENTRATED AQUEOUS SOLUTION OF OTHER ORGANICS
B208	CONCENTRATED PHENOLICS
B209	ORGANIC PAINT, INK, LACQUER, OR VARNISH
B210	ADHESIVES OR EPOXIES
B211	PAINT THINNER OR PETROLEUM DISTILLATES
B212	REACTIVE OR POLYMERIZABLE ORGANIC LIQUID
B219	OTHER ORGANIC LIQUIDS (SPECIFY IN COMMENTS)
	SOLIDS
	INORGANIC SOLIDS – WASTE THAT IS PRIMARILY INORGANIC AND SOLID, WITH LOW ORGANIC CONTENT AND LOW-TO-MODERATE WATER CONTENT; NOT PUMPABLE
B301	SOIL CONTAMINATED WITH ORGANICS
B302	SOIL CONTAMINATED WITH INORGANICS ONLY
B303	ASH, SLAG, OR OTHER RESIDUE FROM INCINERATION OF WASTES
B304	OTHER "DRY" ASH, SLAG, OR THERMAL RESIDUE
B305	"DRY" LIME OR METAL HYDROXIDE SOLIDS CHEMICALLY "FIXED"
B306	"DRY" LIME OR METAL HYDROXIDE SOLIDS NOT "FIXED"
B307	METAL SCALE, FILINGS, OR SCRAP
B308	EMPTY OR CRUSHED METAL DRUMS OR CONTAINERS
B309	BATTERIES OR BATTERY PARTS, CASINGS, CORES
B310	SPENT SOLID FILTERS OR ADSORBENTS
B311	ASBESTOS SOLIDS AND DEBRIS
B312	METAL-CYANIDE SALTS/CHEMICALS
B313	REACTIVE CYANIDE SALTS/CHEMICALS
B314	REACTIVE SULFIDE SALTS/CHEMICALS
B315	OTHER REACTIVE SALTS/CHEMICALS
B316	OTHER METAL SALTS/CHEMICALS

FORM CODES
(Continued)

Code	Waste description
B319	OTHER WASTE INORGANIC SOLIDS (SPECIFY IN COMMENTS)

ORGANIC SOLIDS – WASTE THAT IS PRIMARILY ORGANIC AND SOLID, WITH LOW-TO-MODERATE INORGANIC CONTENT AND WATER CONTENT; NOT PUMPABLE

B401	HALOGENATED PESTICIDE SOLID
B402	NONHALOGENATED PESTICIDE SOLID
B403	SOLID RESINS OR POLYMERIZED ORGANICS
B404	SPENT CARBON
B405	REACTIVE ORGANIC SOLID
B406	EMPTY FIBER OR PLASTIC CONTAINERS
B407	OTHER HALOGENATED ORGANIC SOLIDS (SPECIFY IN COMMENTS)
B409	OTHER NONHALOGENATED ORGANIC SOLIDS (SPECIFY IN COMMENTS)

SLUDGES

INORGANIC SLUDGES – WASTE THAT IS PRIMARILY INORGANIC, WITH MODERATE-TO-HIGH WATER CONTENT AND LOW ORGANIC CONTENT; PUMPABLE

B501	LIME SLUDGE WITHOUT METALS
B502	LIME SLUDGE WITH METALS/METAL HYDROXIDE SLUDGE
B503	WASTEWATER TREATMENT SLUDGE WITH TOXIC ORGANICS
B504	OTHER WASTEWATER TREATMENT SLUDGE
B505	UNTREATED PLATING SLUDGE WITHOUT CYANIDES
B506	UNTREATED PLATING SLUDGE WITH CYANIDES
B507	OTHER SLUDGE WITH CYANIDES
B508	SLUDGE WITH REACTIVE SULFIDES
B509	SLUDGE WITH OTHER REACTIVES
B510	DEGREASING SLUDGE WITH METAL SCALE OR FILINGS
B511	AIR POLLUTION CONTROL DEVICE SLUDGE (E.G., FLY ASH, WET SCRUBBER SLUDGE)
B512	SEDIMENT OR LAGOON DRAGOUT CONTAMINATED WITH ORGANICS
B513	SEDIMENT OR LAGOON DRAGOUT CONTAMINATED WITH INORGANICS ONLY
B514	DRILLING MUD
B515	ASBESTOS SLURRY OR SLUDGE
B516	CHLORIDE OR OTHER BRINE SLUDGE
B519	OTHER INORGANIC SLUDGES (SPECIFY IN COMMENTS)

ORGANIC SLUDGES – WASTE THAT IS PRIMARILY ORGANIC WITH LOW-TO-MODERATE INORGANIC SOLIDS CONTENT AND WATER CONTENT; PUMPABLE

B601	STILL BOTTOMS OF HALOGENATED (E.G., CHLORINATED) SOLVENTS OR OTHER ORGANIC LIQUIDS
B602	STILL BOTTOMS OF NONHALOGENATED SOLVENTS OR OTHER ORGANIC LIQUIDS
B603	OILY SLUDGE
B604	ORGANIC PAINT OR INK SLUDGE
B605	REACTIVE OR POLYMERIZABLE ORGANICS
B606	RESINS, TARS, OR TARRY SLUDGE
B607	BIOLOGICAL TREATMENT SLUDGE
B608	SEWAGE OR OTHER UNTREATED BIOLOGICAL SLUDGE
B609	OTHER ORGANIC SLUDGES (SPECIFY IN COMMENTS)

GASES

INORGANIC GASES – WASTE THAT IS PRIMARILY INORGANIC WITH A LOW ORGANIC CONTENT AND IS A GAS AT ATMOSPHERIC PRESSURE

B701	INORGANIC GASES

ORGANIC GASES – WASTE THAT IS PRIMARILY ORGANIC WITH LOW-TO-MODERATE INORGANIC CONTENT AND IS A GAS AT ATMOSPHERIC PRESSURE

B801	ORGANIC GASES

SYSTEM TYPE CODES

SYSTEM TYPE CODES DESCRIBE THE TYPE OF HAZARDOUS WASTE MANAGEMENT SYSTEM USED TO TREAT OR DISPOSE A HAZARDOUS WASTE.

CODE	SYSTEM TYPE
METALS RECOVERY (FOR REUSE)	
M011	HIGH TEMPERATURE METALS RECOVERY
M012	RETORTING
M013	SECONDARY SMELTING
M014	OTHER METALS RECOVERY FOR REUSE: E.G., ION EXCHANGE, REVERSE OSMOSIS, ACID LEACHING (SPECIFY IN COMMENTS)
M019	METALS RECOVERY - TYPE UNKNOWN (EXPLAIN IN COMMENTS)
SOLVENTS RECOVERY	
M021	FRACTIONATION/DISTILLATION
M022	THIN FILM EVAPORATION
M023	SOLVENT EXTRACTION
M024	OTHER SOLVENT RECOVERY (SPECIFY IN COMMENTS)
M029	SOLVENTS RECOVERY - TYPE UNKNOWN (EXPLAIN IN COMMENTS)
OTHER RECOVERY	
M031	ACID REGENERATION
M032	OTHER RECOVERY: E.G., WASTE OIL RECOVERY, NONSOLVENT ORGANICS RECOVERY (SPECIFY IN COMMENTS)
M039	OTHER RECOVERY - TYPE UNKNOWN (EXPLAIN IN COMMENTS)
INCINERATION	
M041	INCINERATION - LIQUIDS
M042	INCINERATION - SLUDGES
M043	INCINERATION - SOLIDS
M044	INCINERATION - GASES
M049	INCINERATION - TYPE UNKNOWN (EXPLAIN IN COMMENTS)
ENERGY RECOVERY (REUSE AS FUEL)	
M051	ENERGY RECOVERY - LIQUIDS
M052	ENERGY RECOVERY - SLUDGES
M053	ENERGY RECOVERY - SOLIDS
M059	ENERGY RECOVERY - TYPE UNKNOWN (EXPLAIN IN COMMENTS)
FUEL BLENDING	
M061	FUEL BLENDING
AQUEOUS INORGANIC TREATMENT	
M071	CHROME REDUCTION FOLLOWED BY CHEMICAL PRECIPITATION
M072	CYANIDE DESTRUCTION FOLLOWED BY CHEMICAL PRECIPITATION
M073	CYANIDE DESTRUCTION ONLY
M074	CHEMICAL OXIDATION FOLLOWED BY CHEMICAL PRECIPITATION
M075	CHEMICAL OXIDATION ONLY
M076	WET AIR OXIDATION
M077	CHEMICAL PRECIPITATION
M078	OTHER AQUEOUS INORGANIC TREATMENT: E.G., ION EXCHANGE, REVERSE OSMOSIS (SPECIFY IN COMMENTS)
M079	AQUEOUS INORGANIC TREATMENT - TYPE UNKNOWN (EXPLAIN IN COMMENTS)
AQUEOUS ORGANIC TREATMENT	
M081	BIOLOGICAL TREATMENT
M082	CARBON ADSORPTION
M083	AIR/STEAM STRIPPING
M084	WET AIR OXIDATION
M085	OTHER AQUEOUS ORGANIC TREATMENT (SPECIFY IN COMMENTS)
M089	AQUEOUS ORGANIC TREATMENT - TYPE UNKNOWN (EXPLAIN IN COMMENTS)
AQUEOUS ORGANIC AND INORGANIC TREATMENT	
M091	CHEMICAL PRECIPITATION IN COMBINATION WITH BIOLOGICAL TREATMENT
M092	CHEMICAL PRECIPITATION IN COMBINATION WITH CARBON ADSORPTION
M093	WET AIR OXIDATION
M094	OTHER ORGANIC/INORGANIC TREATMENT (SPECIFY IN COMMENTS)
M099	AQUEOUS ORGANIC AND INORGANIC TREATMENT - TYPE UNKNOWN (EXPLAIN IN COMMENTS)

SYSTEM TYPE CODES
(Continued)

Code	System Type
SLUDGE TREATMENT	
M101	SLUDGE DEWATERING
M102	ADDITION OF EXCESS LIME
M103	ABSORPTION/ADSORPTION
M104	SOLVENT EXTRACTION
M109	SLUDGE TREATMENT – TYPE UNKNOWN (EXPLAIN IN COMMENTS)
STABILIZATION	
M111	STABILIZATION/CHEMICAL FIXATION USING CEMENTITIOUS AND/OR POZZOLANIC MATERIALS
M112	OTHER STABILIZATION (SPECIFY IN COMMENTS)
M119	STABILIZATION – TYPE UNKNOWN (EXPLAIN IN COMMENTS)
OTHER TREATMENT	
M121	NEUTRALIZATION ONLY
M122	EVAPORATION ONLY
M123	SETTLING/CLARIFICATION ONLY
M124	PHASE SEPARATION (E.G., EMULSION BREAKING, FILTRATION) ONLY
M125	OTHER TREATMENT (SPECIFY IN COMMENTS)
M129	OTHER TREATMENT – TYPE UNKNOWN (EXPLAIN IN COMMENTS)
DISPOSAL	
M131	LAND TREATMENT/APPLICATION/FARMING
M132	LANDFILL
M133	SURFACE IMPOUNDMENT (TO BE CLOSED AS A LANDFILL)
M134	DEEPWELL/UNDERGROUND INJECTION
M135	DIRECT DISCHARGE TO SEWER/POTW
M136	DIRECT DISCHARGE TO SURFACE WATER UNDER NPDES
M137	OTHER DISPOSAL (SPECIFY IN COMMENTS)
TRANSFER FACILITY STORAGE	
M141	TRANSFER FACILITY STORAGE – WASTE WAS SHIPPED OFF SITE WITHOUT ANY ON-SITE TREATMENT, DISPOSAL, OR RECYCLING ACTIVITY

WASTE MINIMIZATION ACTIVITY CODES

RECYCLING ACTIVITY

W01 ON-SITE BENEFICIAL USE/REUSE WAS USED DURING 1997

W02 OFF-SITE BENEFICIAL USE/REUSE WAS USED DURING 1997

SOURCE REDUCTION ACTIVITY

GOOD OPERATING PRACTICES

W11 SEGREGATED TYPES OF HAZARDOUS WASTE TO MAKE THEM MORE AMENABLE TO RECYCLING

W12 SEGREGATED (STOPPED COMBINING) HAZARDOUS WASTE FROM NON-HAZARDOUS WASTE (NOTE: FOR PURPOSES OF HAZARDOUS WASTE REPORTING, REDUCES VOLUME OF HAZARDOUS WASTE, BUT DOES NOT REDUCT TOTAL WASTE VOLUME)

W13 IMPROVED MAINTENANCE SCHEDULING, RECORDKEEPING, OR PROCEDURES

W14 CHANGED PRODUCTION SCHEDULE TO MINIMIZE EQUIPMENT AND FEEDSTOCK CHANGEOVERS

W19 OTHER CHANGES IN OPERATING PRACTICED (SPECIFY IN COMMENTS)

INVENTORY CONTROL

W21 INSTITUTED PROCEDURES TO ENSURE THAT MATERIALS DO NOT STAY IN INVENTORY BEYOND SHELF-LIFE

W22 TESTED OUTDATE MATERIAL-CONTINUE TO USE IF STILL EFFECTIVE

W23 ELIMINATED SHELF-LIFE REQUIREMENTS FO STABLE MATERIALS

W24 INSTITUTED BETTER LABELLING PROCEDURES

W25 INSTITUTED CLEARINGHOUSE TO EXCHANGE MATERIALS THAT WOULD OTHERWISE BE DISCARDED

W29 OTHER (SPECIFY IN COMMENTS)

SPILL AND LEAK PREVENTION

W31 IMPROVED STORAGE OR STACKING PROCEDURES

W32 IMPROVED PROCEDURES FOR LOADING, UNLOADING, AND TRANSFER OPERATIONS

W33 INSTALLED OVERFLOW ALARMS OR AUTOMATIC SHUT-OFF VALVES

W34 INSTALLED SECONDARY CONTAINMENT

W35 INSTALLED VAPOR RECOVERY SYSTEMS

W36 IMPLEMENTED INSPECTION OR MONITORING PROGRAM OF POTENTIAL SPILL OR LEAK SOURCES

W39 OTHER (SPECIFY IN COMMENTS)

RAW MATERIAL MODIFICATIONS

W41 INCREASED PURITY OF RAW MATERIALS

W42 SUBSTITUTED RAW MATERIALS

W49 OTHER (SPEFICY IN COMMENTS)

PROCESS MODIFICATIONS

W51 INSTITUTED CLOSED-LOOP RECYCLING

W52 MODIFIED EQUIPMENT, LAYOUT, OR PIPING

W53 CHANGED PROCESS CATALYST

W54 INSTITUTED BETTER CONTROLS ON OPERATING CONDITIONS (FLOW RATE, TEMPERATURE, PRESSURE, RESIDENCE TIME)

W55 CHANGED FROM SMALL VOLUME CONTAINERS TO BULK CONTAINERS TO MINIMIZE DISCARDING OF EMPTY CONTAINERS

W58 OTHER (SPECIFY IN COMMENTS)

CLEANING AND DEGREASING

W59 MODIFIED STRIPPING/CLEANING EQUIPMENT

W60 CHANGED TO MECHANICAL STRIPPING/CLEANING DEVICES (FROM SOLVENTS OR OTHER MATERIALS)

W61 CHANGED TO AQUEOUS CLEANERS (FROM SOLVENTS OR OTHER MATERIALS)

W62 REDUCED THE NUMBER OF SOLVENTS USED, TO MAKE WASTE MORE AMENABLE TO RECYCLING

W63 MODIFIED CONTAINMENT PROCEDURES FOR CLEANING UNITS

W64 IMPROVED DRAINING PROCEDURES

W65 REDESIGNED PARTS RACKS TO REDUCE DRAGOUT

W66 MODIFIED OR INSTALLED RINSE SYSTEMS

W67 IMPROVED RINSE EQUIPMENT DESIGN

W68 IMPROVED RINSE EQUIPMENT OPERATION

W71 OTHER (SPECIFY IN COMMENTS)

SURFACE PREPARATION AND FINISHING

W72	MODIFIED SPRAY SYSTEMS OR EQUIPMENT
W73	SUBSTITUTED COATING MATERIALS USED
W74	SUBSTITUTED COATING MATERIALS USED
W75	CHANGED FROM SPRAY TO OTHER SYSTEM
W78	OTHER (SPECIFY IN COMMENTS)

PRODUCT MODIFICATIONS

W81	CHANGED PRODUCT SPECIFICATIONS
W82	MODIFIED DESIGN OR COMPOSITION
W83	MODIFIED PACKAGING
W89	OTHER (SPECIFY IN COMMENTS)

OTHER SOURCE REDUCTION ACTIVITY

W99	SPECIFY IN COMMENTS

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RCRA HAZARDOUS WASTE HANDLER DEFINITIONS

TREATMENT, STORAGE, DISPOSAL FACILITY (TSD)

The site is a TSD if it:

Treats, stores more than 90 days, or disposes of RCRA hazardous waste on-site in units subject to RCRA permitting requirements.

LARGE QUANTITY GENERATOR (LQG)

The site is an LQG if in one or more months it :

- Generates 1000 kg (2,200 lbs) or more of RCRA hazardous waste; **OR**
- Generates or accumulates at any time 1 kg (2.2 lbs) or more of acute RCRA hazardous waste; **OR**
- Generates or accumulates at any time more than 100 kg (220 lbs) of spill cleanup material contaminated with RCRA acute hazardous waste.

SMALL QUANTITY GENERATOR (SQG)

The site is an SQG for a month if the site:

- Generates more than 100 kg (220 lbs) but less than 1,000 kg (2,200 lbs) of hazardous waste, **AND**
- Generates less than 1 kg (2.2 lbs) of acute hazardous waste, or less than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste,

AND IF THE SITE

Accumulates no more than 6,000 kg of hazardous waste and/or no more than 1 kg (2.2 lbs) of acute hazardous waste, and no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; and stores the waste in tanks or containers in a manner consistent with the regulatory provisions of 329 IAC 3.1;

OR, THE SITE IS AN SQG IF IT

- Meets all other criteria for a conditionally exempt generator but accumulates 1,000 kg (2,200 lbs) or more of hazardous waste.

Typical small quantity generators include dry cleaners, equipment repair activities, and vehicle maintenance. Typical waste streams produced include solvents, acids, bases, reactives, plating wastes, and ignitable wastes.

CONDITIONALLY EXEMPT GENERATOR (CEG)

The site is a CEG for the month if the site:

- Generates no more than 100 kg (220 lbs) of hazardous waste in that month; **AND**

- Generates no more than 1 kg (2.2 lbs) of acute hazardous waste, in that month; and no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste;

AND IF THE SITE

- Accumulates no more than 1,000 kg (2,200 lbs) of hazardous waste, and no more than 1 kg (2.2 lbs) of acute hazardous waste, and no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; **AND**

- Treats or disposes of the hazardous waste in a manner consistent with the regulatory provisions of 329 IAC 3.1.

TRANSPORTER

A handler is a transporter if they transport hazardous waste for themselves and/or commercially. If they hire another company to take their waste away they are not a transporter.

MORE HELP

If you need further help in determining your generator status call 317-232-8941 and ask for a copy of the Small Quantity Generator handbook. Complete descriptions of regulated wastes as well as all applicable regulations can be found in the Indiana Hazardous Waste Regulations 329 IAC 3.1, available through the Legislative Services Agency, Office of Code Revision, 302 State House, Room 230, Indianapolis, Indiana 46204, 317/232-9856. Due to the adopt by reference format of the Indiana rules, you will also need to obtain a copy of the federal rules, 40 CFR Parts 260-299, from the U.S. Government Printing Office, Superintendent of Documents, Mail Stop: SSOP, Washington, DC 20402-9328. Copies of regulations may also be found in your local library.

INDIANA

1997 HAZARDOUS WASTE REPORT

APPENDIX B

EXAMPLES

APPENDIX B
EXAMPLES OF COMPLETED 1997 HAZARDOUS WASTE REPORT FORMS

This appendix contains hypothetical examples of completed 1997 Hazardous Waste Report forms for three sites: ABC Painting Co., Platers, Inc., and Waste Disposal, Inc. These examples are for illustrative purposes only and are not intended to cover all possible situations. In addition, information in the examples is fictitious and does not represent any known companies.

- Example 1 is for a RCRA large quantity generator (LQG), ABC Painting Co., that shipped all of its hazardous waste off site for treatment, disposal, or recycling.
- Example 2 is for a RCRA LQG, Plater, Inc., that treated some hazardous wastes on site and shipped the remainder of the hazardous waste off site for treatment, disposal, or recycling.
- Example 3 is for a commercial treatment, storage, or disposal (TSD) facility, Waste Disposal, Inc.

The following information is provided for each example:

- A description of the hazardous waste activities at the site;
- A simplified schematic diagram of the hazardous waste activities;
- An explanation of each relevant Biennial Report form for the site; and
- A completed copy of each Biennial Report form for the site.

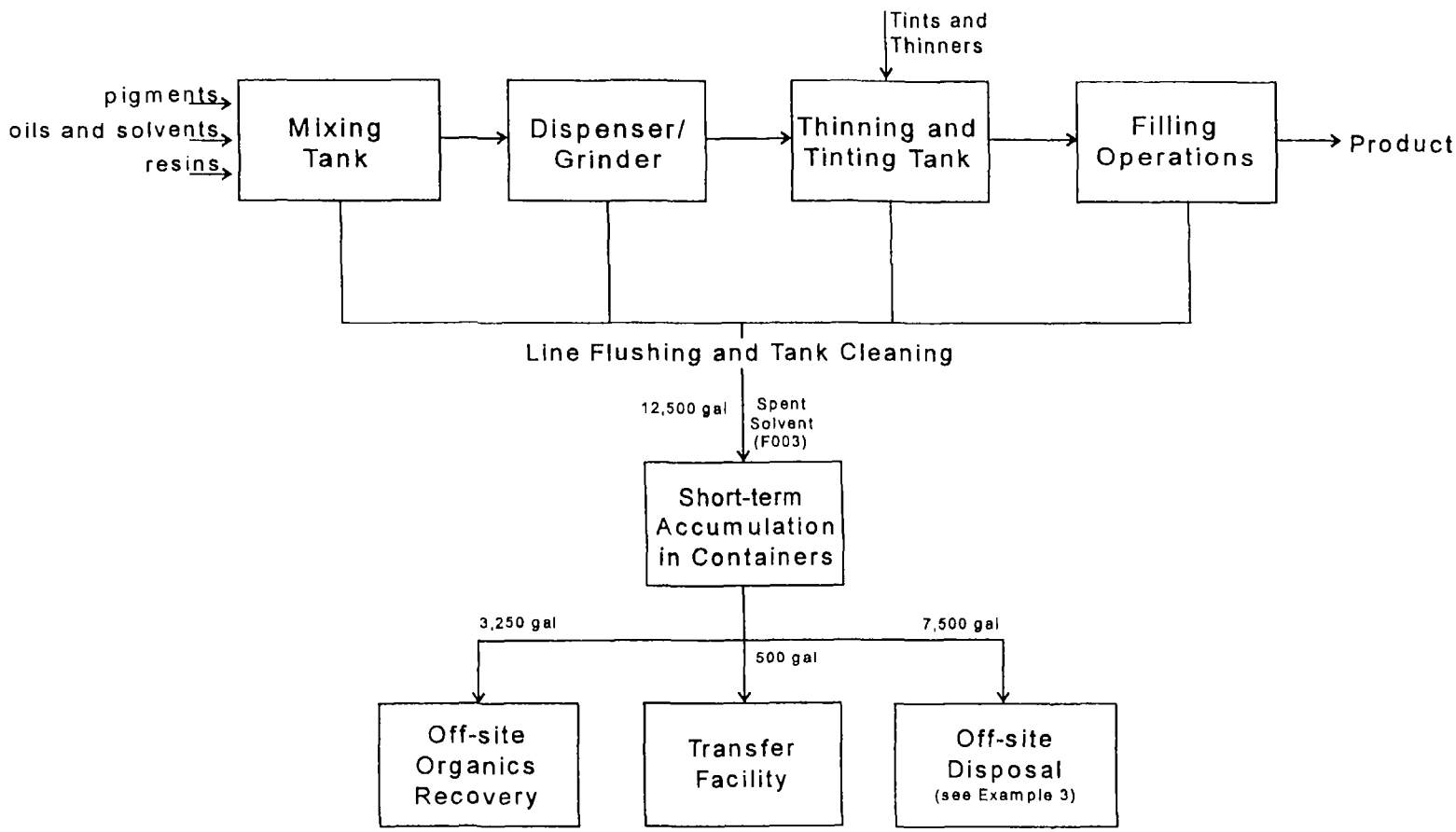
EXAMPLE 1
ABC Painting Co.

Site Description

ABC Painting Co. generates hazardous waste on site and ships it off site for treatment, disposal, or recycling. The company specializes in painting automobiles and generates spent solvent from line flushing operations and normal cleaning operations. The company does not treat, dispose, or recycle hazardous waste on site. During 1997, the company generated 12,500 gallons of spent solvent. In 1997, the company shipped 7,500 gallons of the spent solvent to Waste Disposal, Inc. (see Example 3) for incineration; shipped 3,250 gallons to Organics Recovery Co. for solvent recovery; and shipped 500 gallons via transfer facility. It placed the remaining 1,250 gallons in short-term accumulation containers to await shipment after December 31, 1997. Figure B-1 shows the schematic diagram of hazardous waste generation and management activities at ABC Painting Co.

Figure B-1

1997 Hazardous Waste Generation and Management at ABC Painting Co.



gal = gallons

Forms Completed by ABC Painting Co.

Form IC

The site meets the definition of a RCRA LQG because it generated in any (one) month 1,000 kg (2,200 lbs) or more of RCRA hazardous waste during 1997. Therefore, it is required to file the 1997 Hazardous Waste Report. (See WHO MUST FILE THE 1997 HAZARDOUS WASTE REPORT.) All sites required to submit the Biennial Report must fill out Form IC.

Form IC, page 1 of 2:

Section I Site name and location address. The site enters the name and EPA ID number in the top right-hand corner of the form, and enters the site's name, EPA ID number, and location address in **Boxes A through C** and **E through H**. In **Box D**, "No" is checked to indicate that the site name has not changed since 1995.

Section II Site mailing address. The site checks "Yes" in **Box A** to indicate that the mailing address is the same as its location address reported in Section I, and skips to Section III, according to the instructions on the form. **Boxes B through E** are therefore left blank.

Section III Contact information. In **Boxes A through C**, the site enters the name, title, and telephone number of the person to be contacted with questions on the Biennial Report forms submitted by ABC Painting Co.

Section IV Certification. Boxes A through D are completed and signed **after** all the Biennial Report forms are filled out.

Form IC, page 2 of 2:

The site enters its EPA ID number and name in the space provided at the top of the page.

Section V Generator status. Code 1 is checked in Box A to indicate that the site met the definition of a RCRA LQG in 1997. **Box B** is therefore skipped according to the instructions on the form.

Section VI On-site waste management status. In Box A, Code 1 is entered to indicate that the site had no on-site storage subject to RCRA permitting requirements during 1997 because the site accumulated spent solvents for fewer than 90 days. Code 1 is entered in Box B to indicate that the site had no on-site treatment, disposal, or recycling subject to RCRA permitting requirements, and has no plans to develop any on-site capacity for treatment, disposal, or recycling subject to RCRA permitting requirements. Box C is marked one (1) to indicate that the facility did not conduct RCRA exempt treatment, disposal or recycling in 1997.

Section VII The site did not conduct any waste minimization activities in 1997, so boxes A, B, C, are all marked no. In Boxes D, item (a) is marked yes and all others are marked no. All choices in Box E are marked no.

INDIANA DEPARTMENT

OF

ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

FORM IC

IDENTIFICATION AND CERTIFICATION

SITE NAME ABC Painting, Inc.

EPA ID NO XYD910848737

INSTRUCTIONS: Read the instructions in the 1997 Hazardous Waste Report booklet before completing this form.

SECTION I

Site name and location address. Complete A through H. Check the box ☐ in items A, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information.

A: EPA ID No. XYD 910 848 737	B. County Hazard
C. Site/company name ABC Painting, Inc.	D. Has the site name associated with this EPA ID changed since 1995? ☐ 1 Yes ☒ 2 No
E. Street name and number. If not applicable, enter industrial park, building name, or other physical location description. 200 North Jefferson Street	
F. City, town, village, etc. RCRA City	G. State XY / H. Zip Code 99988-0045

SECTION II

Mailing address of site.

A. Is the mailing address the same as the location address? ☒ 1 Yes (SKIP TO SEC. III) ☐ 2 No (GO TO BOX B)

B. Number and street name of mailing address

C. City, town, village, etc. / D. State / E. Zip Code

SECTION III

Name, title, and telephone number of the person who should be contacted if questions arise regarding this report.

A. Please print: Last Name	First Name	M.I.	B. Title	C. Telephone
Dough	John	Z	Environmental Specialist	999 284 - 2800 Extension 10015

SECTION IV

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Please print: Last Name	First Name	M.I.	B. Title
Dough	John	Z.	Environmental Specialist
C. Signature John Z. Dough			D. Date of Signature 02/12/98

Over ☞

Page 1 of 2

EPA ID NUMBER XYD 910848737 NAME ABC Painting, Co.

Section V - Generator Status.

A. 1997 RCRA Generator Status (CHECK ONE BOX BELOW)	B. Reason for not generating (CHECK ALL THAT APPLY)	
☒ 1 LQG ☐ 2 SQG ☐ 3 CESQG ☐ 4 Non generator (Continue to Box B)	SKIP to SEC. IV	☐ 1 Never generated ☐ 2 Out of business ☐ 3 Only excluded or delisted waste ☐ 4 Only non-hazardous waste ☐ 5 Periodic or occasional generator ☐ 6 Waste minimization activity ☐ 7 Other (SPECIFY COMMENTS IN BOX BELOW)

Sec. VI - On-Site Waste Management Status.

A. Storage subject to RCRA permitting requirements	B. Treatment, disposal, or recycling subject to RCRA permitting requirements	C. RCRA-exempt treatment, disposal, or recycling
1	1	1

Sec. VII - Waste Minimization Activity during 1996 or 1997.

A. Did this site begin or expand a source reduction activity during 1996 or 1997?	B. Did this site begin or expand a recycling activity during 1996 or 1997?	C. Did this site systematically investigate opportunities for source reduction or recycling during 1996 or 1997?
☐ 1 YES ☒ 2 NO	☐ 1 YES ☒ 2 NO	☐ 1 YES ☒ 2 NO

D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional source reduction activities in 1996 or 1997? (CHECK YES OR NO FOR EACH ITEM)

Yes	No		
☒ 1	☐ 2	a.	Insufficient capital to install new source reduction equipment or implement new source reduction practices
☐ 1	☒ 2	b.	Lack of technical information on source reduction techniques applicable to the specific production processes
☐ 1	☒ 2	c.	Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment
☐ 1	☒ 2	d.	Concern that product quality may decline as a result of source reduction
☐ 1	☒ 2	e.	Technical limitations of the production processes
☐ 1	☒ 2	f.	Permitting burdens
☐ 1	☒ 2	g.	Source reduction previously implemented - additional reduction does not appear to be technically feasible
☐ 1	☒ 2	h.	Source reduction previously implemented - additional reduction does not appear to be economically feasible
☐ 1	☒ 2	i.	Source reduction previously implemented - additional reduction does not appear to be feasible due to permitting requirements
☐ 1	☒ 2	j.	Other (SPECIFY COMMENTS BELOW)

E. Did any of the factors listed below delay or limit the site's ability to initate new or additional on-site or off-site recycling activities during 1996 or 1997? (CHECK YES OR NO FOR EACH ITEM)

Yes	No		
☐ 1	☒ 2	a.	Insufficient capital to install new recycling equipment or implement new recycling practice
☐ 1	☒ 2	b.	Lack of technical information on recycling techniques applicable to this site's specific production process
☐ 1	☒ 2	c.	Recycling is not economically feasible: cost savings in waste management will not recover the capital investment
☐ 1	☒ 2	d.	Concern that product quality may decline as a result of recycling
☐ 1	☒ 2	e.	Requirements to manifest wastes inhibit shipments of off-site for recycling
☐ 1	☒ 2	f.	Financial liability provisions inhibit shipments off-site for recycling
☐ 1	☒ 2	g.	Technical limitations of production processes inhibit shipments off-site for recycling
☐ 1	☒ 2	h.	Technical limitations of production processes inhibit on-site recycling
☐ 1	☒ 2	i.	Permitting burdens inhibit recycling
☐ 1	☒ 2	j.	Lack of permitted off-site recycling facilities
☐ 1	☒ 2	k.	Unable to identify a market for recycled materials
☐ 1	☒ 2	l.	Recycling previously implemented - additional recycling does not appear to be technically feasible
☐ 1	☒ 2	m.	Recycling previously implemented - additional recycling does not appear to be economically feasible
☐ 1	☒ 2	n.	Recycling previously implemented - additional recycling does not appear to be feasible due to permitting requirements
☐ 1	☒ 2	o.	Other (SPECIFY COMMENTS IN BOX BELOW)

Comments _____

Form GM

A separate Form GM must be filled out for each RCRA hazardous waste generated and managed on site, or generated on site and shipped off site for management, unless the waste was managed in systems regulated under the Clean Water Act or the Safe Drinking Water Act. If so, only one GM form has to be filled out using System Type codes M134 (Deepwell/underground injection), M135 (Direct discharge to sewer/POTW), or M136 (Direct discharge to surface water under NPDES). ABC Painting Co. generated one hazardous waste (spent solvent) on site and shipped it off site for management; therefore, the site completes one Form GM.

Form GM, page 1 of 1:

The site enters its EPA ID number and site name in the top right-hand corner of the form.

Section I Waste characteristics. A narrative description of the waste is entered in Box A. The appropriate EPA hazardous waste code for the waste, F003, is entered in Box B.The facility need no assistance in minimizing this waste stream, so they mark (no) in Box C. The SIC code associated with the overall activities at the site, which is 7532 for automotive top and body repairs and painting, is entered in Box D. An Origin code of 1 is entered in Box E to indicate that the waste was generated on site from a production process or service activity. System Type in Box E is left blank because the waste was not a residual from on-site treatment of a hazardous waste. The Source code for painting, A21, is entered in Box F. Code 1 is entered in Box G because the waste was not mixed with any other wastes prior to being measured. In Box H, the Form code for a non-halogenated solvent, B203, is entered. Code 2 is entered in Box I because the waste is not mixed with radioactive materials.

Section II On-site generation and management of hazardous waste. In Box A, the quantity of the hazardous waste generated in 1997 is reported. In Box B, Code 5 is entered, indicating that the unit of measure for the quantity reported in Box A is gallons. Because "gallons" is a volumetric unit of measure, the density of the waste is recorded in Box B, and Code 1 is checked to indicate that the density is reported in pounds per gallon. Box C is checked "No" because the site did not treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW, and the site skips to Section III as instructed. Therefore, under On-site Process Systems 1 and 2, on-site process system type and quantity treated, disposed, or recycled on site are left blank.

Section III Off-site shipment of hazardous waste. In Box A, "Yes" is checked because the waste was shipped off site for management during 1997. The EPA ID numbers for the three facilities to which the waste was shipped are recorded in Box B, Site 1, Site 2, and Site 3. The off-site system types are reported as incineration of liquids (M041), transfer facility (M141), and distillation (M021) respectively, in Box C. Code 1 is entered in Box D for all sites to indicate that they are commercially available. The quantities shipped in 1997 are entered in Box E, using the same unit of measure as reported in Section II, Box B.

Section IV No waste minimization activities were conducted on this waste, so (no) is marked and Boxes B-F are left blank.

The balance of the solvent generated in 1997 (1,250 gallons) was placed in short-term accumulation and therefore is not reported on this form.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

FORM GM

WASTE GENERATION & MANAGEMENT

COUNTY: Munster

SITE NAME: ABC Painting, Inc.

EPA ID NO: X Y D 9 1 0 8 4 8 7 3 7

INSTRUCTIONS: Read the instructions in the 1997 Hazardous Waste Report booklet before completing this form.

SECTION I

A: Waste Description: Ignitable spent solvent from line flushing operations; mixture of xylene and acetone.

B: Hazardous Waste Codes: F 0 0 3

Would you like assistance in reducing this hazardous waste stream? ☐ Yes ☒ No

C. SIC Code	D. Origin Code	E. Source Code	F. Point of Measurement	G. Form Code	H. RCRA-Radioactive Mixed
7 5 3 2	M 1	A 2 1	1	B 2 0 3	2

SECTION II

B. Quantity Generated in 1997	C. Unit of Measure /Density	D. Did the site treat, dispose, or recycle on site, or discharge to a sewer/POTW?
1 4 5 0 0 . 0	5 8 0 0 ☒ 1 lbs/gal ☐ 2 sq	☐ Yes (CONTINUE TO SYSTEM 1) ☒ No (SKIP TO SECTION III)

ON SITE PROCESS SYSTEM 1		ON SITE PROCESS SYSTEM 2	
System type	Quantity treated, disposed or recycled on site in 1997	System type	Quantity treated, disposed or recycled on site in 1997
M	.	M	.

SECTION III

A: Was any of this waste shipped off site in 1997 YES ☐ (Go to Box B) NO ☐ (Go to Section IV)

	B: EPA ID of facility waste was shipped to:	C: System type shipped to:	D. Off-site availability Code	E. Total quantity shipped in 1997
Site 1	A B D 5 8 6 8 1 0 3 4 9	M 0 4 1	1	7 5 0 0 . 0
Site 2	B 0 D 6 8 7 9 0 1 3 4 5	M 1 4 1	1	5 0 0 . 0

SECTION IV

A: Did new activities in 1997 result in minimization of this waste? YES ☐ (Go to Box B) NO ☒ (Go to Back of Page)

B: Activity	C: Other effects	D: Quantity recycled in 1997	E. Activity/production index	F. 1997 Source reduction quantity
W W W W	☐ Yes ☐ No	.	.	.

COMMENTS: _____

Over ☞

Page 1a of 1

EXAMPLE 2
Platers, Inc.

Site Description

This example illustrates a RCRA LQG that in 1997 treated some hazardous waste on site in a system regulated under the Clean Water Act and shipped some hazardous waste off site for treatment and disposal. Platers, Inc. performs cadmium plating of fasteners. Steel fasteners enter the plant and are lowered into a degreaser to remove packing oil and grease. Tetrachloroethylene is used as a solvent in the degreaser. The fasteners are then electroplated in a cadmium cyanide plating bath. The plant plated approximately 150 million fasteners during 1997.

Hazardous Waste Generation and Management

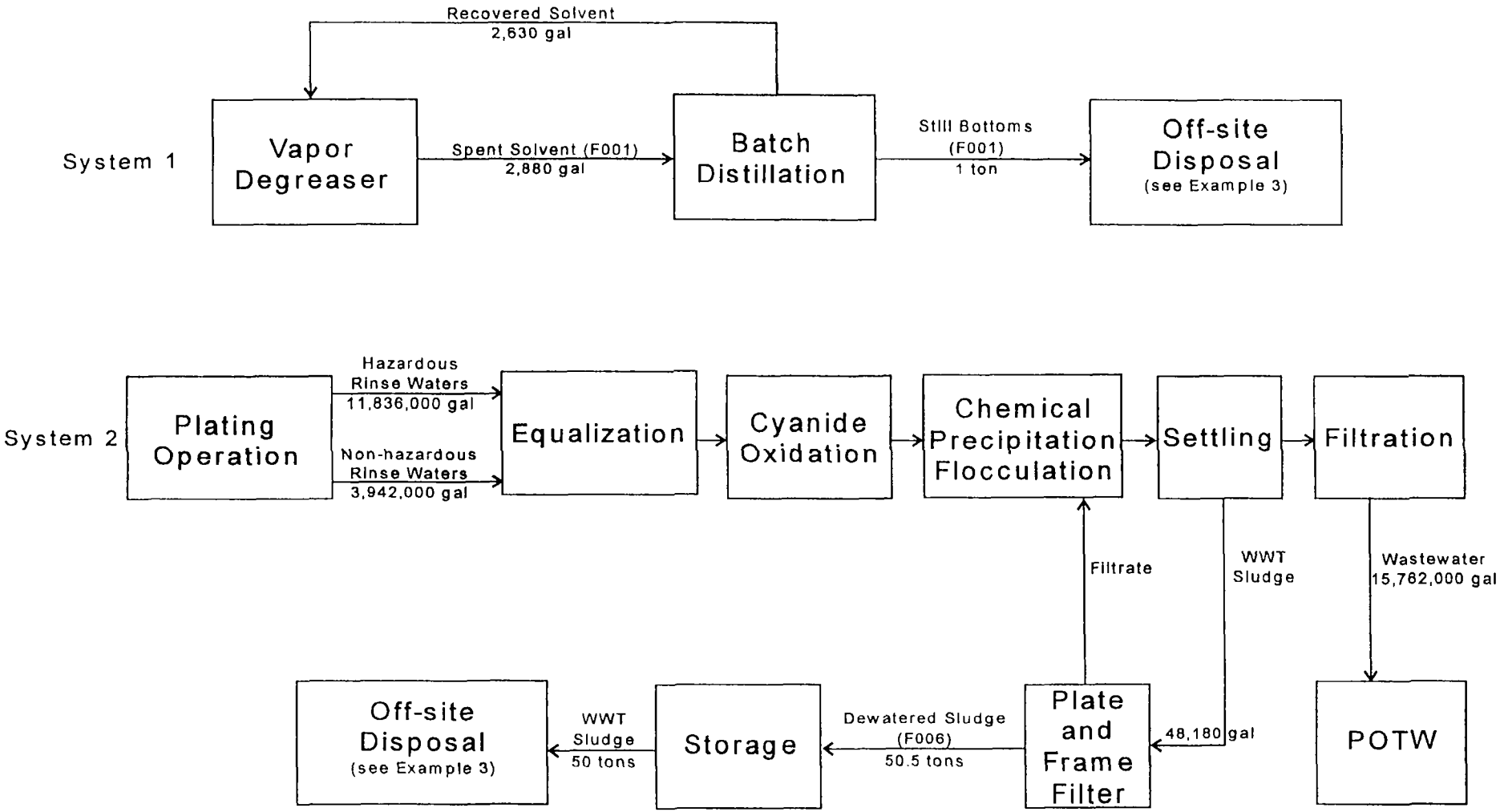
An on-site distillation unit recovers spent solvent from the degreasing operations (RCRA hazardous waste F001). In 1997, the distillation unit generated one ton of still bottoms, which was sent off site to Waste Disposal Inc. (Example 3) for incineration.

Rinse waters from cadmium plating operations may contain concentrations of cadmium exceeding 1 mg/L, these concentrations are classified as RCRA hazardous waste (EPA hazardous waste code D006). Based on normal operating procedures, the plant estimated that the rinse waters met D006 criteria approximately 75 percent of operating time. The rinse waters are managed in a wastewater treatment system, which is regulated under the Clean Water Act, using the following steps: equalization; cyanide oxidation using sodium hypochlorite; and chemical precipitation with lime and polymer additions. The wastewater then enters a settling tank. The overflow of this tank passes through a polishing sand filter and is discharged to a publicly owned treatment works (POTW). The underflow from this tank is discharged once a week to a plate and frame filter press. The filtrate is fed back to the precipitation tank and the filter cake is accumulated on site.

The sludge that the wastewater treatment system generates is a RCRA hazardous waste represented by EPA hazardous waste code F006. The plant generated approximately 18,180 gallons, or 50.5 tons, of F006 waste in 1997. Fifty tons of the F006 waste generated were sent off site to Waste Disposal, Inc. (see Example 3) for stabilization and eventual disposal in a landfill, and the remainder was accumulated on site.

The hazardous waste generation and management activities at Platers Inc. are illustrated in Figure A-2.

Figure B-2
1997 Hazardous Waste Generation and Management at Platers Inc.



gal = gallons; WWT = wastewater treatment

Forms Completed by Platers, Inc.

Form IC

The site meets the definition of a RCRA LQG because it generated more than 2,200 lbs of RCRA hazardous waste during 1997. Therefore, it is required to file the 1997 Hazardous Waste Report. (See WHO MUST FILE THE 1997 HAZARDOUS WASTE REPORT.) All sites required to submit the Biennial Report must fill out Form IC.

Form IC, page 1 of 2:

Section I Site name and location address. The site enters the name and EPA ID number in the top right-hand corner of the form, and enters the site's name, EPA ID number, and location address in Boxes A through C and E thorough H. In Box D, "No" is checked to indicate that the site's name has not changed since 1995.

Section II Site mailing address. The site checks "Yes" in Box A to indicate that the mailing address is the same as its location address reported in Section I, and skips to Section III, according to the instructions on the form. Boxes B through E are therefore left blank.

Section III Contact information. In Boxes A through C, the site enters the name, title, and telephone number of the person to be contacted with questions on the Biennial Report forms submitted by Platers, Inc.

Section IV Certification. Boxes A through D are completed and signed **after** all the Biennial Report forms are filled out.

Section V Generator status. Code 1 is checked in Box A to indicate that the site met the definition of a RCRA LQG in 1997. The site skips Box B according to the instructions on the form.

Section VI On-site waste management status. In Box A, Code 3 is entered to indicate that the site used storage containers subject to RCRA permitting requirements during 1997. Code 1 is entered in Box B to indicate that the site had no on-site treatment, disposal, or recycling subject to RCRA permitting requirements, and has no plans to develop any on-site capacity for treatment, disposal, or recycling subject to RCRA permitting requirements. Box C is marked (1) to indicate no exempt treatment, disposal or recycling was done in 1997.

Section VII The site did not begin or expand any waste minimization activities in 1997, so Boxes A, B & C are all marked no. In **Box D**, item (a) is marked yes and all others are marked no. All choices in Box E are marked no.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
1997 HAZARDOUS WASTE REPORT

FORM IC

IDENTIFICATION AND CERTIFICATION

SITE NAME Platers, Inc.

EPA ID NO YZD5678901 2 3

INSTRUCTIONS: Read the instructions in the 1997 Hazardous Waste Report booklet before completing this form.

SECTION I

Site name and location address. Complete A through H. Check the box ☐ in items A, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information.

A: EPA ID No. YZD 567 8 90 123	B. County Mercury
C. Site/company name Platers Inc.	D. Has the site name associated with this EPA ID changed since 1995? ☐ 1 Yes ☑ 2 No
E. Street name and number. If not applicable, enter industrial park, building name, or other physical location description. 999 Industrial Highway	
F. City, town, village, etc. Mytown	G. State YZ / H. Zip Code 99920 - 1056

SECTION II

Mailing address of site.

A. Is the mailing address the same as the location address? ☑ 1 Yes (SKIP TO SEC. III) ☐ 2 No (GO TO BOX B)

B. Number and street name of mailing address

C. City, town, village, etc.	D. State	E. Zip Code -

SECTION III

Name, title, and telephone number of the person who should be contacted if questions arise regarding this report.

A. Please print: Last Name	First Name	M.I.	B. Title	C. Telephone
Doe	Mary	J.	Environmental Engineer	999 929 - 1000 Extension 2012

SECTION IV

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Please print: Last Name	First Name	M.I.	B. Title
Smith	George	C.	Vice President

C. Signature George Smith

D. Date of Signature 02/20/98

Over ☞

EPA ID NUMBER _____ NAME _____

Section V - Generator Status.

A. 1997 RCRA Generator Status (CHECK ONE BOX BELOW)	B. Reason for not generating (CHECK ALL THAT APPLY)	
☒ 1 LQG	☐ 1 Never generated	☐ 5 Periodic or occasional generator
☐ 2 SQG — SKIP to SEC. IV	☐ 2 Out of business	☐ 6 Waste minimization activity
☐ 3 CESQG — SKIP to SEC. IV	☐ 3 Only excluded or delisted waste	☐ 7 Other (SPECIFY COMMENTS IN BOX BELOW)
☐ 4 Non generator (Continue to Box B)	☐ 4 Only non-hazardous waste	

Sec. VI - On-Site Waste Management Status.

A. Storage subject to RCRA permitting requirements	B. Treatment, disposal, or recycling subject to RCRA permitting requirements	C. RCRA-exempt treatment, disposal, or recycling
3	1	1

Sec. VII - Waste Minimization Activity during 1996 or 1997.

A. Did this site begin or expand a source reduction activity during 1996 or 1997?	B. Did this site begin or expand a recycling activity during 1996 or 1997?	C. Did this site systematically investigate opportunities for source reduction or recycling during 1996 or 1997?
☐ 1 YES	☐ 1 YES	☐ 1 YES
☒ 2 NO	☒ 2 NO	☒ 2 NO

D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional source reduction activities in 1996 or 1997? (CHECK YES OR NO FOR EACH ITEM)

Yes	No		
☒ 1	☐ 2	a.	Insufficient capital to install new source reduction equipment or implement new source reduction practices
☐ 1	☒ 2	b.	Lack of technical information on source reduction techniques applicable to the specific production processes
☐ 1	☒ 2	c.	Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment
☐ 1	☒ 2	d	Concern that product quality may decline as a result of source reduction
☐ 1	☒ 2	e	Technical limitations of the production processes
☐ 1	☒ 2	f.	Permitting burdens
☐ 1	☒ 2	g	Source reduction previously implemented - additional reduction does not appear to be technically feasible
☐ 1	☒ 2	h.	Source reduction previously implemented - additional reduction does not appear to be economically feasible
☐ 1	☒ 2	i.	Source reduction previously implemented - additional reduction does not appear to be feasible due to permitting requirements
☐ 1	☒ 2	j.	Other (SPECIFY COMMENTS BELOW)

E. Did any of the factors listed below delay or limit the site's ability to initate new or additional on-site or off-site recycling activities during 1996 or 1997? (CHECK YES OR NO FOR EACH ITEM)

Yes	No		Yes	No	
☐ 1	☒ 2	a. Insufficient capital to install new recycling equipment or implement new recycling practice	☐ 1	☒ 2	g. Technical limitations of production processes inhibit shipments off-site for recycling
☐ 1	☒ 2	b. Lack of technical information on recycling techniques applicable to this site's specific production process	☐ 1	☒ 2	h. Technical limitations of production processes inhibit on-site recycling
☐ 1	☒ 2	c Recycling is not economically feasible: cost savings in waste management will not recover the capital investment	☐ 1	☒ 2	i. Permitting burdens inhibit recycling
☐ 1	☒ 2	d Concern that product quality may decline as a result of recycling	☐ 1	☒ 2	j Lack of permitted off-site recycling facilities
☐ 1	☒ 2	e. Requirements to manifest wastes inhibit shipments of off-site for recycling	☐ 1	☒ 2	k. Unable to identify a market for recycled materials
☐ 1	☒ 2	f. Financial liability provisions inhibit shipments off-site for recycling	☐ 1	☒ 2	l. Recycling previously implemented - additional recycling does not appear to be technically feasible
			☐ 1	☒ 2	m. Recycling previously implemented - additional recycling does not appear to be economically feasible
			☐ 1	☒ 2	n. Recycling previously implemented - additional recycling does not appear to be feasible due to permitting requirements
			☐ 1	☒ 2	o Other (SPECIFY COMMENTS IN BOX BELOW)

Comments _____

Forms Completed by Platers, Inc.

Form GM

A site required to submit the 1997 Hazardous Waste Report must fill out Form GM for each RCRA hazardous waste that is generated and managed on site, or generated on site and shipped off site for management, unless the waste is managed in a system regulated under the Clean Water Act or Safe Drinking Water Act. If so, only one GM form has to be filled out using System Type codes M134 (Deepwell/underground injection), M135 (Direct discharge to sewer/POTW), or M136 (Direct discharge to surface water under NPDES). Therefore, Platers, Inc. filled out four GM forms for the following RCRA hazardous wastes:

- The spent solvent (Form GM, page 1 of 4) from the degreasing operations;
- The still bottoms (Form GM, page 2 of 4) generated from the on-site recycling of hazardous waste (i.e., the spent solvent);
- The characteristically hazardous rinse waters (Form GM, page 3 of 4) from cadmium plating operations; and
- The wastewater treatment sludge (Form GM, page 4 of 4) generated as a residual from the on-site treatment of hazardous rinse waters.

Because of changes made to the 1997 Biennial Report, RCRA hazardous wastes that were managed on site in systems regulated under the Clean Water Act or Safe Drinking Water Act should be reported as managed in an off-site POTW rather than in an on-site chemical precipitation system.

Forms Completed by Platers, Inc.

Form GM, page 1 of 4: A hazardous waste (spent halogenated solvent) generated on site from a production process or service activity.

Section I	Waste characteristics. A narrative description of the waste is entered in Box A. The EPA waste code (F001) for the spent solvent is entered in Box B. Box C is marked yes. The SIC code associated with the overall activities at the site, which is 3471 for plating and polishing, is entered in Box D. An Origin code of 1 is entered in Box E to indicate that the waste was generated on site from a production process or service activity. "NA" is entered in System Type, Box E, since the waste was not a residual from on-site treatment of a hazardous waste. The Source code for vapor degreasing, A07, is entered in Box F. Code 1 is entered in Box G because the waste was not mixed with any other wastes prior to being measured. In Box H, the Form code for halogenated solvent, B202, is entered. Code 2 is entered for Box I because the waste is not mixed with radioactive materials.
Section II	On-site generation and management of hazardous waste. In Box A, the quantity of the hazardous waste generated in 1997 is reported. In Box B, Code 5 is entered, indicating that the unit of measure for the quantity reported in Box A is gallons. Since gallons is a volumetric measure, density is also reported in Box B. Box C is checked "Yes" because the waste was recycled on site. In On-site Process System 1, M021 is entered, indicating that the waste was recycled using fractionation/ distillation. The quantity recycled is entered using the same unit of measure reported in Section II, Box B.
Section III	Off-site shipment of hazardous waste. In Box A, "No" is checked because the waste was recycled on site during 1997. Boxes B through E are left blank according to the instructions. **The still bottoms are <u>not</u> reported on the same Form GM as the spent solvent; the still bottoms are considered a separate waste, reported on Form GM, page 2 of 4.**
Section IV	No waste minimization activities were conducted on this waste so (no) is marked and Boxes B - F are left blank.

EXAMPLES (Continued)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
1997 HAZARDOUS WASTE REPORT

FORM GM

WASTE GENERATION & MANAGEMENT

COUNTY: Rush

SITE NAME: Platers, Inc.

EPA ID NO: Y Z D 5 6 7 8 9 0 1 2 3

INSTRUCTIONS: Read the instructions in the 1997 Hazardous Waste Report booklet before completing this form.

SECTION I

A: Waste Description: Spent halogenated solvents from degreasing operations.

B: Hazardous Waste Codes: F 0 0 1

C. Would you like assistance in reducing this hazardous waste stream? ☒ Yes ☐ No

D. SIC Code	E. Origin Code	F. Source Code	G. Point of Measurement	H. Form Code	I. RCRA-Radioactive Mixed
3 4 7 1	1 / System M	A 0 7	1	B 2 0 2	2

SECTION II

A. Quantity Generated in 1997	B. Unit of Measure /Density	C. Did the site treat, dispose, or recycle on site, or discharge to a sewer/POTW?
2 8 8 0 . 0	5 / 8 . 0 0 ☐ 1 lbs/gal ☐ 2 sq	☒ Yes (CONTINUE TO SYSTEM 1) ☐ No (SKIP TO SECTION III)

ON SITE PROCESS SYSTEM 1 System type	Quantity treated, disposed or recycled on site in 1997	ON SITE PROCESS SYSTEM 2 System type	Quantity treated, disposed or recycled on site in 1997
M 0 2	2 8 8 0 . 0	M	.

SECTION III

A: Was any of this waste shipped off site in 1997 YES ☐ (Go to Box B) NO ☒ (Go to Section IV)

	B: EPA ID of facility waste was shipped to:	C: System type shipped to:	D. Off-site availability Code	E. Total quantity shipped in 1997
Site 1		M		.
Site 2		M		.

SECTION IV

A: Did new activities in 1997 result in minimization of this waste? YES ☐ (Go to Box B) NO ☒ (Go to Back of Page)

B: Activity	C: Other effects	D: Quantity recycled in 1997 due to new activities	E. Activity/production index	F. 1997 Source reduction quantity
W / W / W / W	☐ Yes ☐ No	.	.	.

COMMENTS: _____

Over ☞

Forms Completed by Platers, Inc.

Form GM, page 2 of 4 (a hazardous waste that was a residual (still bottoms) from the on-site treatment, disposal, or recycling of a previously existing hazardous waste).

Before copying or entering information on this form, the site fills in the county, name, and ID.

Section I Waste characteristics. A narrative description of the waste is entered in Box A. The appropriate EPA hazardous waste code for the waste, F001, is entered in Box B; "NA" is entered in the remaining spaces for EPA hazardous waste codes. Box C is marked no. The SIC code associated with the overall activities at the site, which is 3471 for plating and polishing, is entered in Box D. An Origin code of 5 is entered in Box E, indicating that the waste is a residual from on-site treatment of a previously existing hazardous waste. The System Type code M021 is also entered in Box E to indicate that the residual was generated from a distillation system. The Source code for solvent recovery, A73, is entered in Box F. Code 1 is entered in Box G because the waste was not mixed with any other wastes prior to being measured. In Box H, the Form code for still bottoms of halogenated solvents, B601, is entered. Code 2 is entered in Box I because the waste is not mixed with radioactive materials.

Section II On-site generation and management of hazardous waste. In Box A, the quantity of the hazardous waste generated in 1997 is reported. In Box B, Code 2 is entered, indicating that the unit of measure for the quantity reported in Box A is tons. Density and density unit of measure are left blank because "tons" is not a volumetric unit of measure. Box C is checked "No" because the site did not treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW, and the site skips to Section III as instructed. Therefore, under On-site Process Systems 1 and 2, on-site process system type and quantity treated, disposed, or recycled on site are left blank.

Section III Off-site shipment of hazardous waste. In Box A, "Yes" is checked because the waste was shipped off site for management during 1997. In Box B, the site enters the EPA ID number of the site to which the waste was shipped. The off-site system type in which the hazardous waste was managed, M042 for incineration of sludges, is reported in Box C. In Box D, Code 1 is entered to indicate that the off-site facility is a commercial hazardous waste management facility. The quantity of waste shipped to the facility during 1997 is recorded in Box E, using the same unit of measure as reported in Section II, Box B. "NA" is marked in Box B for Site 2 and Site 3.

Section IV No waste minimization activities were conducted on this waste so (no) is marked and Boxes B - F are left blank.

EXAMPLES (Continued)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

FORM GM

WASTE GENERATION & MANAGEMENT

COUNTY: Rush

SITE NAME: Platers, Inc.

EPA ID NO: Y Z D 5 6 7 8 9 0 1 2 3

INSTRUCTIONS: Read the instructions in the 1997 Hazardous Waste Report booklet before completing this form.

SECTION I

A: Waste Description: Still bottoms generated from the on-site recycling of spent halogenated solvent.

B: Hazardous Waste Codes: F 0 0 1

C. Would you like assistance in reducing this hazardous waste stream? ☐ Yes ☒ No

D. SIC Code	E. Origin Code	F. Source Code	G. Point of Measurement	H. Form Code	I. RCRA-Radioactive Mixed
3 4 7 1	5 System M 0 2 1	A 7 3	1	B 6 0 1	2

SECTION II

A. Quantity Generated in 1997	B. Unit of Measure /Density	C. Did the site treat, dispose, or recycle on site, or discharge to a sewer/POTW?
1 0	2 ☐ 1 lbs/gal ☐ 2 sq	☐ Yes (CONTINUE TO SYSTEM 1) ☒ No (SKIP TO SECTION III)

ON SITE PROCESS SYSTEM 1		ON SITE PROCESS SYSTEM 2	
System type	Quantity treated, disposed or recycled on site in 1997	System type	Quantity treated, disposed or recycled on site in 1997
M		M	

SECTION III

A: Was any of this waste shipped off site in 1997 YES ☑ (Go to Box B) NO ☐ (Go to Section IV)

	B: EPA ID of facility waste was shipped to:	C: System type shipped to:	D. Off-site availability Code	E. Total quantity shipped in 1997
Site 1	A B D 5 8 6 8 1 0 3 4 9	M 0 4 2	1	1 0
Site 2		M		

SECTION IV

A: Did new activities in 1997 result in minimization of this waste? YES ☐ (Go to Box B) NO ☒ (Go to Back of Page)

B: Activity	C: Other effects	D: Quantity recycled in 1997 due to new activities	E. Activity/production index	F. 1997 Source reduction quantity
W W W W	☐ Yes ☐ No			

COMMENTS: _____

Over ☞

Forms Completed by Platers, Inc.

Form GM, page 3 of 4: A hazardous waste (rinse waters from electroplating operation) generated on site from a production process or service activity.

Section I Waste characteristics. A narrative description of the waste is entered in Box A. The appropriate EPA waste code for the waste D006, is entered in Box B; "NA" is entered in the remaining spaces for the EPA hazardous wastes. Box C is marked yes. The SIC code associated with the overall activities at the site, which is 3471 for plating and polishing, is entered in Box D. An Origin Code of 1 is entered in Box E to indicate that the waste was generated on site from a production process or service activity. "NA" is entered in System Type, Box E, since the waste was not a residual from on-site treatment of a hazardous waste. The Source code for electroplating, A22, is entered in Box F. Code 1 is entered in Box G because the waste was not mixed with any other waste prior to being measured. In Box H, the Form code for caustic solution with metals and cyanide B107, is entered. Code 2 is entered for **Box I** because the RCRA waste (D006) is not mixed with radioactive materials.

Section II On-site generation and management of hazardous waste. In Box A, the quantity of hazardous waste generated in 1997 is reported. In Box B, code 5 is entered, indicating that the unit of measurement for the quantity reported in Box A is gallons. Since gallons is a volumetric measure, density is also reported in Box B. Box C is checked "Yes" because the waste was discharged to a POTW. In On-site System 1, the System Type is recorded as M135 (Discharge to sewer/POTW), and the quantity of waste that entered the pre-treatment system is recorded, using the same unit of measure reported in Section II, Box C. The System Type in **On-Site System 2** is marked "NA" to indicate that no other system was used in the management of this waste.

Section III Box A is checked "No" to indicate that the waste was not shipped off site in 1997. Boxes B through D are left blank.

The wastewater treatment sludge is not reported on the same page as the rinse water. The sludge is considered a separate waste and is reported on Form GM, page 4 of 4.

Section IV No waste minimization activities were conducted on this waste so (no) is marked and Boxes B - F are left blank.

EXAMPLES (Continued)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

FORM GM

WASTE GENERATION & MANAGEMENT

COUNTY: Rush

SITE NAME: Platers, Inc.

EPA ID NO: Y Z D 5 6 7 8 9 0 1 2 3

INSTRUCTIONS: Read the instructions in the 1997 Hazardous Waste Report booklet before completing this form.

SECTION I

A: Waste Description
Rinsewaters from electroplating operations characteristically hazardous for cadmium.

B: Hazardous Waste Codes: D006

C. Would you like assistance in reducing this hazardous waste stream? ☐ Yes ☒ No

D. SIC Code	E. Origin Code	F. Source Code	G. Point of Measurement	H. Form Code	I. RCRA-Radioactive Mixed
3471	1 System M	A22	1	B107	2

SECTION II

A. Quantity Generated in 1997	B. Unit of Measure /Density	C. Did the site treat, dispose, or recycle on site, or discharge to a sewer/POTW?
118360000.0	5 11.00 ☐ 1 lbs/gal ☐ 2 sq	☒ Yes (CONTINUE TO SYSTEM 1) ☐ No (SKIP TO SECTION III)

ON SITE PROCESS SYSTEM 1		ON SITE PROCESS SYSTEM 2	
System type	Quantity treated, disposed or recycled on site in 1997	System type	Quantity treated, disposed or recycled on site in 1997
M 135	118360000.0	M	

SECTION III

A: Was any of this waste shipped off site in 1997 YES ☐ (Go to Box B) NO ☒ (Go to Section IV)

	B: EPA ID of facility waste was shipped to:	C. System type shipped to:	D. Off-site availability Code	E. Total quantity shipped in 1997
Site 1		M		
Site 2		M		

SECTION IV

A: Did new activities in 1997 result in minimization of this waste? YES ☐ (Go to Box B) NO ☒ (Go to Back of Page)

B: Activity	C: Other effects	D: Quantity recycled in 1997 due to new activities	E. Activity/production index	F. 1997 Source reduction quantity
W W W W	☐ Yes ☐ No			

COMMENTS: _____

Over ☞

Forms Completed by Platers, Inc.

Form GM, page 4 of 4 (a hazardous waste that was a residual (wastewater treatment sludge) from the on-site treatment, disposal, or recycling of a previously existing hazardous waste).

Section I Waste characteristics. A narrative description of the waste is entered in Box A. The appropriate EPA hazardous waste code for the waste, F006, is entered in Box B; "NA" is entered in the remaining spaces for EPA hazardous waste codes. Box C is marked no. The SIC code associated with the overall activities at the site, which is 3471 for plating and polishing, is entered in Box D. An Origin code of 5 is entered in Box E, indicating that the waste is a residual from the on-site recycling of a previously existing hazardous waste. The System Type code M077 is also entered in Box E to indicate that the residual was generated from a chemical precipitation system. The Source code for wastewater treatment, A75, is entered in Box F. Code 1 is entered in Box G because the waste was not mixed with any other wastes prior to being measured. The Form code for lime sludge with metals/metal hydroxide sludge, B502, is entered in Box H. Code 2 is entered in Box I because the waste is not mixed with radioactive materials.

Section II On-site generation and management of hazardous waste. In Box A, the quantity of the hazardous waste generated in 1997 is reported. In Box B, Code 2 is entered to indicate that the unit of measure for the quantity reported in Box A is tons. Density and density unit of measure are left blank because "tons" is not a volumetric unit of measure. Box C is checked "No" because the site did not treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW, and the site skips to Section III as instructed. Therefore, under On-site Process Systems 1 and 2, on-site process system type and quantity treated, disposed, or recycled on site are left blank.

Section III Off-site shipment of hazardous waste. In Box A, "Yes" is checked because the waste was shipped off site for management during 1997. The EPA ID number of the facility to which the waste was shipped is recorded in Box B. The off-site system type in which the waste was managed, M111 for stabilization/chemical fixation using cementitious and/or pozzolanic materials, is reported in **Box C**. Code 1 is entered in Box D to indicate that the off-site facility is a commercial hazardous waste management facility. The total quantity shipped in 1997 is entered in Box E, using the same unit of measure as reported in Section II, Box B. "NA" is marked in Box B for Site 2 and Site 3.

Section IV No waste minimization activities were conducted on this waste so (no) is marked and Boxes B - F are left blank.

Because more waste was generated in 1997 than was sent off site for treatment and eventual disposal, the quantities reported in Section II, **Box A** (quantity generated in 1997) and in Section III, Box E (quantity shipped off site in 1997) are different.

EXAMPLES (Continued)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

FORM GM

WASTE GENERATION & MANAGEMENT

COUNTY: Rush

SITE NAME: Platers, Inc.

EPA ID NO: Y Z D 5 6 7 8 9 0 1 2 3

INSTRUCTIONS: Read the instructions in the 1997 Hazardous Waste Report booklet before completing this form.

SECTION I

A: Waste Description: Wastewater treatment sludge

B: Hazardous Waste Codes: F 0 0 6

C. Would you like assistance in reducing this hazardous waste stream? ☐ Yes ☒ No

D. SIC Code	E. Origin Code	F. Source Code	G. Point of Measurement	H. Form Code	I. RCRA-Radioactive Mixed
3 4 7 1	System M 0 7 7 / 5	A 7 5	1	B 5 0 2	2

SECTION II

A. Quantity Generated in 1997	B. Unit of Measure /Density	C. Did the site treat, dispose, or recycle on site, or discharge to a sewer/POTW?
5 0 . 6	2 ☐ 1 lbs/gal ☐ 2 sq	☐ Yes (CONTINUE TO SYSTEM 1) ☒ No (SKIP TO SECTION III)

ON SITE PROCESS SYSTEM 1		ON SITE PROCESS SYSTEM 2	
System type	Quantity treated, disposed or recycled on site in 1997	System type	Quantity treated, disposed or recycled on site in 1997
M		M	

SECTION III

A: Was any of this waste shipped off site in 1997 YES ☒ (Go to Box B) NO ☐ (Go to Section IV)

	B: EPA ID of facility waste was shipped to:	C: System type shipped to:	D. Off-site availability Code	E. Total quantity shipped in 1997
Site 1	A B D 5 8 6 8 1 0 3 4 9	M 1 1 1	1	5 0 . 0
Site 2		M		

SECTION IV

A: Did new activities in 1997 result in minimization of this waste? YES ☐ (Go to Box B) NO ☒ (Go to Back of Page)

B: Activity	C: Other effects	D: Quantity recycled in 1997 due to new activities	E. Activity/production index	F. 1997 Source reduction quantity
W W / W W	☐ Yes ☐ No		.	.

COMMENTS: _____

Over ☞

Page 4 of 4

EXAMPLE 3
Waste Disposal, Inc.

Site Description

Waste Disposal, Inc. is a commercial hazardous waste treatment and disposal facility. The company receives combustible hazardous waste for incineration in two rotary kiln incinerators, both designed for incinerating liquids and sludges. The company also receives hazardous waste for cement-based stabilization. The resulting stabilized waste is disposed in an on-site RCRA-permitted landfill. The schematic diagram of the hazardous waste operations at this site is shown in Figure A-3.

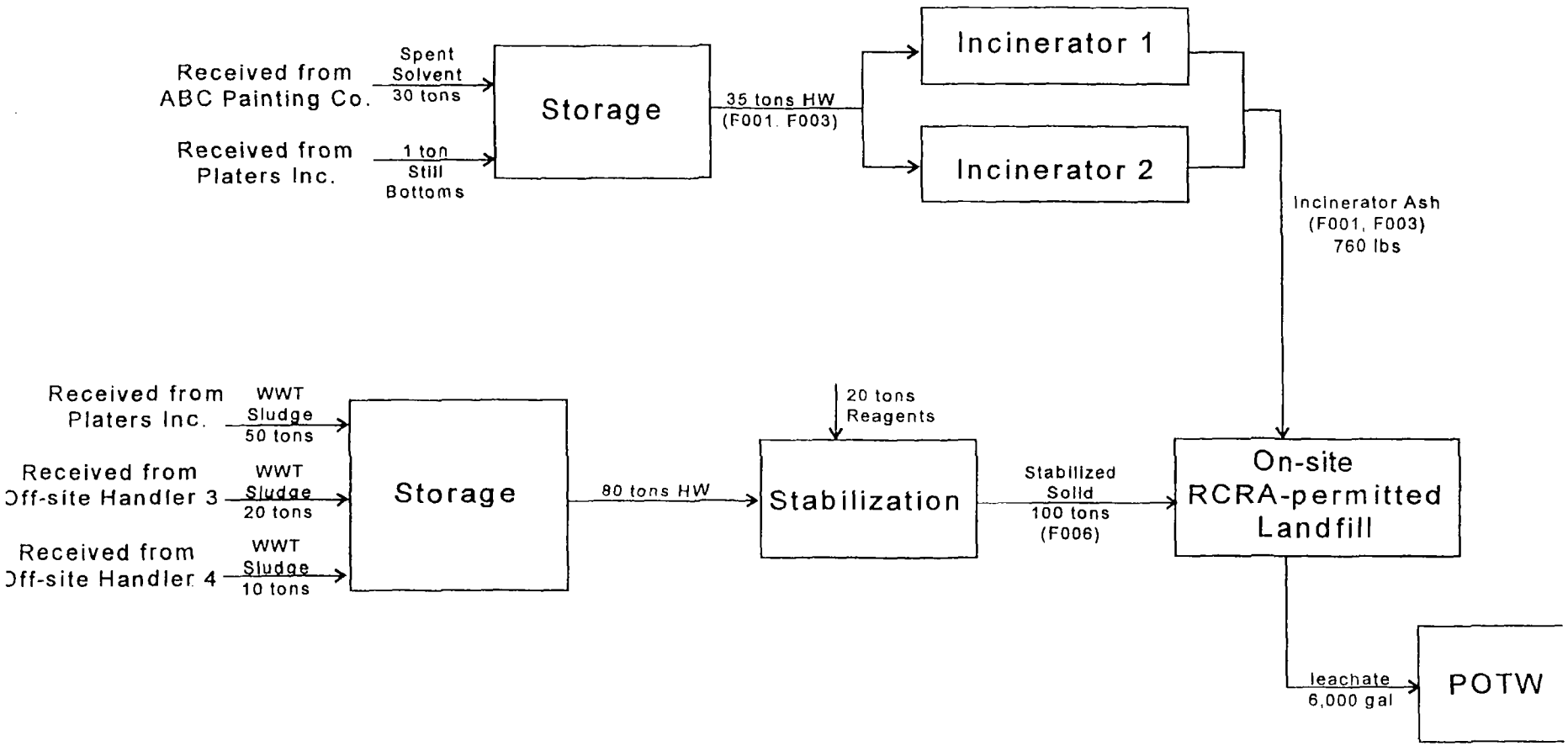
Waste Management Activities

During 1997, Waste Disposal, Inc. received 30 tons of spent solvent from ABC Painting Co. (Example 1) and one ton of still bottoms from Platers, Inc. (Example 2) for incineration. In addition, four tons of spent solvent that had been stored on site at the end of 1996 were incinerated in 1997. The incineration process produced 760 pounds of ash which was disposed in the on-site landfill.

The company also received 80 tons of wastewater treatment sludge from three different generators; this waste was stabilized and then disposed in the on-site RCRA-permitted landfill. The total amount of hazardous waste entering the stabilization system during 1997 was 80 tons, and the amount exiting the stabilization system was 100 tons. About 6,000 gallons of leachate were recovered from the on-site landfill and discharged directly to a POTW (which is regulated under the Clean Water Act).

Figure B 3

1997 Hazardous Waste Management Activities at Waste Disposal Inc.



HW = hazardous waste; gal = gallons; lbs = pounds; WWT = wastewater treatment

Forms Completed by Waste Disposal, Inc.

Form IC

Waste Disposal, Inc. is required to file the 1997 Hazardous Waste Report because it treated, stored, or disposed RCRA hazardous wastes during 1997. (See WHO MUST FILE THE 1997 HAZARDOUS WASTE REPORT.) All sites required to submit the Biennial Report must fill out Form IC.

Form IC, page 1 of 2:

Section I Site name and location address. The site enters its name and EPA ID number in the top right corner of the form, and enters its name, EPA ID number, and location address in Boxes A through C and E through H. In Box D, "No" is checked to indicate that the site's name has not changed since 1995.

Section II Site mailing address. The site checks "No" in Box A to indicate that the mailing address is not the same as its location address reported in Section I. It enters the appropriate mailing address in Boxes B through E.

Section III Contact information. In Boxes A through C, the site enters the name, title, and telephone number of the person to be contacted with questions on the Biennial Report forms submitted by Waste Disposal, Inc.

Section IV Certification. Boxes A through D are completed and signed after all the Biennial Report forms are filled out.

Form IC, page 2 of 2:

The site enters its EPA number in the space provided in the top right-hand corner of the page.

Section V Generator status. Code 1 is checked in Box A to indicate that the site met the definition of a RCRA LQG in 1997. Box B is therefore skipped according to the instructions on the form.

Section VI On-site waste management status. In Box A, Code 2 is entered to indicate that the site used on-site storage tanks subject to RCRA permitting requirements during 1997. Code 3 is entered in Box B to indicate that the site had on-site treatment, disposal, or recycling subject to RCRA permitting requirements during 1997. Box C is marked (1).

Section VII The site did not conduct any waste minimization activities i 1997, so boxes A,B,C are all marked no. In Box D, item (a) is marked yes and all others are marked no. In Box E, all choices are marked no.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
1997 HAZARDOUS WASTE REPORT

FORM IC

IDENTIFICATION AND CERTIFICATION

SITE NAME Waste Disposal, Inc.

EPA ID NO ABD586810349

INSTRUCTIONS: Read the instructions in the 1997 Hazardous Waste Report booklet before completing this form.

SECTION I

Site name and location address. Complete A through H. Check the box ☐ in items A, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information.

A: EPA ID No. ABD 586 810 349	B. County Universe
C. Site/company name Waste Disposal, Inc.	D. Has the site name associated with this EPA ID changed since 1995? ☐ 1 Yes ☒ 2 No
E. Street name and number. If not applicable, enter industrial park, building name, or other physical location description. 250 Waste Treatment Boulevard	
F. City, town, village, etc. Mars	G. State AB — H. Zip Code 82883 -

SECTION II

Mailing address of site.

A. Is the mailing address the same as the location address? ☐ 1 Yes (SKIP TO SEC. III) ☒ 2 No (GO TO BOX B)

B. Number and street name of mailing address P. O. Box 1000		
C. City, town, village, etc. Venus	D. State AB	E. Zip Code 82881 - 1000

SECTION III

Name, title, and telephone number of the person who should be contacted if questions arise regarding this report.

A. Please print: Last Name	First Name	M.I.	B. Title	C. Telephone
Shuttle	Robert	I.	Environmental Engineer	707 717 - 7170 Extension

SECTION IV

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Please print: Last Name	First Name	M.I.	B. Title
Shuttle	Robert	I.	Environmental Engineer
C. Signature Robert I. Shuttle			D. Date of Signature 02/11/98

Over ☞

FORM IC
Page 2

EPA ID NUMBER ABD 586 810 349 NAME Waste Disposal, Inc.

Section V - Generator Status.

A. 1997 RCRA Generator Status (CHECK ONE BOX BELOW)	B. Reason for not generating (CHECK ALL THAT APPLY)	
☒ 1 LQG	☐ 1 Never generated	☐ 5 Periodic or occasional generator
☐ 2 SQG SKIP to SEC. IV	☐ 2 Out of business	☐ 6 Waste minimization activity
☐ 3 CESQG	☐ 3 Only excluded or delisted waste	☐ 7 Other (SPECIFY COMMENTS IN BOX BELOW)
☐ 4 Non generator (Continue to Box B)	☐ 4 Only non-hazardous waste	

Sec. VI - On-Site Waste Management Status.

A. Storage subject to RCRA permitting requirements	B. Treatment, disposal, or recycling subject to RCRA permitting requirements	C. RCRA-exempt treatment, disposal, or recycling
2	3	1

Sec. VII - Waste Minimization Activity during 1996 or 1997

A. Did this site begin or expand a source reduction activity during 1996 or 1997?	B. Did this site begin or expand a recycling activity during 1996 or 1997?	C. Did this site systematically investigate opportunities for source reduction or recycling during 1996 or 1997?
☐ 1 YES	☐ 1 YES	☐ 1 YES
☒ 2 NO	☐ 2 NO	☐ 2 NO

D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional source reduction activities in 1996 or 1997? (CHECK YES OR NO FOR EACH ITEM)

Yes	No		
☒ 1	☐ 2	a.	Insufficient capital to install new source reduction equipment or implement new source reduction practices
☐ 1	☒ 2	b.	Lack of technical information on source reduction techniques applicable to the specific production processes
☐ 1	☒ 2	c.	Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment
☐ 1	☒ 2	d.	Concern that product quality may decline as a result of source reduction
☐ 1	☒ 2	e.	Technical limitations of the production processes
☐ 1	☒ 2	f.	Permitting burdens
☐ 1	☒ 2	g.	Source reduction previously implemented - additional reduction does not appear to be technically feasible
☐ 1	☒ 2	h.	Source reduction previously implemented - additional reduction does not appear to be economically feasible
☐ 1	☒ 2	i.	Source reduction previously implemented - additional reduction does not appear to be feasible due to permitting requirements
☐ 1	☒ 2	j.	Other (SPECIFY COMMENTS BELOW)

E. Did any of the factors listed below delay or limit the site's ability to initate new or additional on-site or off-site recycling activities during 1996 or 1997? (CHECK YES OR NO FOR EACH ITEM)

Yes	No		
☐ 1	☒ 2	a.	Insufficient capital to install new recycling equipment or implement new recycling practice
☐ 1	☒ 2	b.	Lack of technical information on recycling techniques applicable to this site's specific production process
☐ 1	☒ 2	c.	Recycling is not economically feasible: cost savings in waste management will not recover the capital investment
☐ 1	☒ 2	d.	Concern that product quality may decline as a result of recycling
☐ 1	☒ 2	e.	Requirements to manifest wastes inhibit shipments of off-site for recycling
☐ 1	☒ 2	f.	Financial liability provisions inhibit shipments off-site for recycling
☐ 1	☒ 2	g.	Technical limitations of production processes inhibit shipments off-site for recycling
☐ 1	☒ 2	h.	Technical limitations of production processes inhibit on-site recycling
☐ 1	☒ 2	i.	Permitting burdens inhibit recycling
☐ 1	☒ 2	j.	Lack of permitted off-site recycling facilities
☐ 1	☒ 2	k.	Unable to identify a market for recycled materials
☐ 1	☒ 2	l.	Recycling previously implemented - additional recycling does not appear to be technically feasible
☐ 1	☒ 2	m.	Recycling previously implemented - additional recycling does not appear to be economically feasible
☐ 1	☒ 2	n.	Recycling previously implemented - additional recycling does not appear to be feasible due to permitting requirements
☐ 1	☒ 2	o.	Other (SPECIFY COMMENTS IN BOX BELOW)

Comments _____

Forms Completed by Waste Disposal, Inc.

Form GM

A site required to submit the 1997 Hazardous Waste Report must fill out Form GM for each RCRA hazardous waste that is generated and managed on site, or generated on site and shipped off site for management, unless the waste is managed in a system regulated under the Clean Water Act or Safe Drinking Water Act. If so, only one GM form has to be filled out using System Type codes M134 (Deepwell/underground injection), M135 (Direct discharge to sewer/POTW), or M136 (Direct discharge to surface water under NPDES). Therefore, Waste Disposal, Inc. filled out three GM forms for the following RCRA hazardous wastes:

- The incinerator ash (Form GM, page 1 of 3) generated from the on-site incineration of hazardous waste;
- The stabilized solid (Form GM, page 2 of 3) generated as a residual from the on-site treatment of hazardous wastewater treatment sludge; and
- The landfill leachate (Form GM, page 3 of 3).

The facility also needs to complete Form PS for its on-site hazardous waste management systems.

Form GM, page 1 of 3 (a hazardous waste that was a residual (incinerator ash) from the on-site treatment, disposal, or recycling of a previously existing hazardous waste):

Before copying, or entering information on, this form, the site enters its name and EPA ID number in the top right-hand corner of the form.

Section I Waste characteristics. In Box A, a narrative description of the incinerator ash is entered. The appropriate EPA hazardous waste codes associated with the waste, F001 and F003, are entered in Box B; "NA" is entered in the remaining spaces for EPA hazardous waste codes. Box C is marked no. The SIC code associated with overall activities at the site, 4953 for refuse systems, is entered in Box D. An Origin code of 5 is entered in Box E to indicate that the waste was a residual from the on-site treatment, disposal, or recycling of previously existing hazardous waste. The System Type code M041 is also entered in
Box E, to indicate that the residual was generated predominantly from the incineration of liquids. In the Comments section at the bottom of the form, the site also enters M042 to indicate that the ash was a residual from the incineration of sludges. The Source code for incineration/thermal treatment, A74, is entered in Box F. Code 1 is entered in Box G because the waste was not mixed with any other wastes prior to being measured. The Form code for ash from incineration of wastes, B303, is entered in **Box H**. Code 2 is entered in Box I because the waste is not mixed with radioactive materials.

Because the ash is a residual that originated from two different types of incineration systems and Box E allows space for reporting only one System Type, the second System Type is reported in the Comments section, with a cross-reference to Section I, Box E.

Section II On-site generation and management of hazardous waste. In Box A, the quantity of the hazardous waste generated in 1997 is reported. In **Box B**, Code 1 is entered, indicating that the unit of measure for the quantity reported in Box A is pounds. Because "pounds" is not a volumetric measure, density and density unit of measure are left blank in Box B. In Box C, the site checks "Yes" because the waste is managed on site. Under On-site Process System 1, the System Type code for landfill, M132, and the quantity of waste managed on site are recorded. The quantity managed is reported in the same unit of measure as reported in Box B. The on-site process system type under On-site Process System 2 is marked "NA" to indicate that no other System Type was used to manage this waste.

Section III Off-site shipment of hazardous waste. In Box A, "No" is checked because the waste was not shipped off site for management during 1997, and Boxes B through E are left blank according to the instructions on the form.

Section IV No waste minimization activities were conducted on this waste so (no) is marked and Boxes B - F are left blank.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
1997 HAZARDOUS WASTE REPORT

FORM GM

WASTE GENERATION & MANAGEMENT

COUNTY: Mendenhall

SITE NAME: Waste Disposal, Inc.

EPA ID NO: A B D 5 8 6 8 1 0 3 4 9

INSTRUCTIONS: Read the instructions in the 1997 Hazardous Waste Report booklet before completing this form.

SECTION I

A: Waste Description
Incinerator ash form the incineration of spent solvents and still bottoms.

B: Hazardous Waste Codes: F 0 0 1 | F 0 0 3 | N A | N A

C. Would you like assistance in reducing this hazardous waste stream? ☐ Yes ☒ No

D. SIC Code	E. Origin Code	F. Source Code	G. Point of Measurement	H. Form Code	I. RCRA-Radioactive Mixed
4 9 5 3	5 System M 0 4 1	A 7 4	1	B B 0 3	2

SECTION II

A. Quantity Generated in 1997	B. Unit of Measure /Density	C. Did the site treat, dispose, or recycle on site, or discharge to a sewer/POTW?
7 6 0 . 0	1 ☐ 1 lbs/gal ☐ 2 sq	☒ Yes (CONTINUE TO SYSTEM 1) ☐ No (SKIP TO SECTION III)

ON SITE PROCESS SYSTEM 1 System type	Quantity treated, disposed or recycled on site in 1997	ON SITE PROCESS SYSTEM 2 System type	Quantity treated, disposed or recycled on site in 1997
M 1 3 2	7 6 0 . 0	M N A	

SECTION III

A: Was any of this waste shipped off site in 1997 YES ☐ (Go to Box B) NO ☒ (Go to Section IV)

	B: EPA ID of facility waste was shipped to:	C: System type shipped to:	D. Off-site availability Code	E. Total quantity shipped in 1997
Site 1		M		
Site 2		M		

SECTION IV

A: Did new activities in 1997 result in minimization of this waste? YES ☐ (Go to Box B) NO ☒ (Go to Back of Page)

B: Activity	C: Other effects	D: Quantity recycled in 1997 due to new activities	E. Activity/production index	F. 1997 Source reduction quantity
W W / W W	☐ Yes ☐ No			

COMMENTS: Sec. I, Box E: System type M042 applies to a small amount of the waste.

Over ☞

Forms Completed by Waste Disposal, Inc.

Form GM, page 2 of 3: A hazardous waste that was a residual (stabilized solid from treatment of wastewater treatment sludge) from the on-site treatment, disposal, or recycling of previously existing hazardous waste.

Section I Waste characteristics. In Box A, a narrative description of the stabilized waste is entered. The appropriate EPA hazardous waste code for the waste, F006, is entered in Box B; "NA" is entered in the remaining spaces for EPA hazardous waste codes. The SIC code associated with the overall activities at the site, 4953 for refuse systems, is entered in Box D. An Origin code of 5 is entered in Box E to indicate that the waste was a residual from the on-site treatment, disposal, or recycling of previously existing hazardous waste. The System Type code M111 is also entered in Box E to indicate that the residual was generated from a stabilization system. The Source code for stabilization, A77, is entered in Box F. Code 1 is entered in Box G because the waste was not mixed with any other wastes prior to being measured. In Box H, the Form code for dry lime or chemically fixed metal hydroxide solids, B305, is entered. Code 2 is entered in Box I because the waste was not mixed with radioactive materials.

Section II On-site generation and management of hazardous waste. In Box A, the quantity of the hazardous waste generated in 1997 is reported. In Box B, Code 2 is entered, indicating that the unit of measure for the quantity reported in Box A is tons. Because "tons" is not a volumetric unit of measure, density and density unit of measure are left blank in Box B. Box C is checked "Yes" because the waste was managed on site. Under On-site Process System 1, the System Type code for landfill, M132, and the quantity of waste managed on site are recorded. The quantity is reported in the same unit of measure as reported in Box B. The on-site process system type under On-site Process System 2 is marked "NA" to indicate that no other System Type was used to manage this waste.

Section III Off-site shipment of hazardous waste. In Box A, "No" is checked because the waste was not shipped off site for management during 1997. Boxes B through E are left blank according to the instructions on the form.

Section IV No waste minimization activities were conducted on this waste so (no) is marked and Boxes B - F are left blank.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

FORM GM

WASTE GENERATION & MANAGEMENT

COUNTY: Mendenhall

SITE NAME: Waste Disposal, Inc.

EPA ID NO: A B D 5 8 6 8 1 0 3 4 9

INSTRUCTIONS: Read the instructions in the 1997 Hazardous Waste Report booklet before completing this form.

SECTION I

A: Waste Description
Stabilizied solid generated from stabilizing wastewater treatment sludge.

B: Hazardous Waste Codes: F 0 0 6 | N A | N A | N A

C. Would you like assistance in reducing this hazardous waste stream? ☐ Yes ☒ No

D. SIC Code	E. Origin Code	F. Source Code	G. Point ofMeasurement	H. Form Code	I. RCRA-Radioactive Mixed
4 9 5 3	5 System M 1 1 1 1	A 7 7	1	B 3 0 5	2

SECTION II

A. Quantity Generated in 1997	B. Unit of Measure /Density	C. Did the site treat, dispose, or recycle on site, or discharge to a sewer/POTW?
1 0 0 0	2 ☐ 1 lbs/gal ☐ 2 sq	☒ Yes (CONTINUE TO SYSTEM 1) ☐ No (SKIP TO SECTION III)

ON SITE PROCESS SYSTEM 1		ON SITE PROCESS SYSTEM 2	
System type	Quantity treated, disposed or recycled on site in 1997	System type	Quantity treated, disposed or recycled on site in 1997
M 1 3 2	1 0 0 0	M N A	

SECTION III

A: Was any of this waste shipped off site in 1997 YES ☐ (Go to Box B) NO ☒ (Go to Section IV)

	B: EPA ID of facility waste was shipped to:	C: System type shipped to:	D. Off-site availability Code	E Total quantity shipped in 1997
Site 1		M		
Site 2		M		

SECTION IV

A: Did new activities in 1997 result in minimization of this waste? YES ☐ (Go to Box B) NO ☒ (Go to Back of Page)

B: Activity	C: Other effects	D: Quantity recycled in 1997 due to new activities	E. Activity/production index	F. 1997 Source reduction quantity
W W W W	☐ Yes ☐ No			

COMMENTS: _____

Over ☞

Forms Completed by Waste Disposal, Inc.

Form GM, page 3 of 3: A hazardous waste that was a residual (landfill leachate discharged to a POTW) from the on-site treatment, disposal, or recycling of a previously existing hazardous waste.

Section I Waste characteristics. In Box A, a narrative description of the waste is entered. The appropriate EPA waste codes for the wastes F006, F001, and F003 are entered in Box B; "NA" is entered in the remaining spaces for EPA hazardous waste codes. The SIC code associated with the overall activities at the site, 4953 for refuse systems, is entered in Box D. An Origin code of 5 is entered in Box E to indicate that the waste is a residual from on-site treatment, disposal, or recycling of previously existing hazardous waste. The System Type code M132 is entered in Box E to indicate that the leachate was generated from a landfill. The Source code for leachate collection, A79, is entered in Box F. Code 1 is entered in Box G because the waste was not mixed with any other wastes prior to being measured. In Box H, the Form code for aqueous waste with low dissolved solids, B114, is entered. Code 2 is entered in **Box I** because the waste was not mixed with radioactive materials.

Section II On-site generation and management of hazardous waste. In Box A, the quantity of leachate generated in 1997 is reported. In Box B, Code 5 is entered, indicating that the unit of measure for the quantity reported in Box A is gallons. Since gallons is a volumetric unit of measure, density is also reported in Box B. Box C is checked "Yes" because the waste was discharged to a POTW. Under On-site Process System 1, the system code for discharge to sewer/POTW, M135, and the quantity of waste generated that is ultimately discharged to the POTW are reported. The quantity is reported in the same unit of measure as reported in Box B. The on-site process system type under On-site Process System 2 is marked "NA" to indicate that no other System Type was used to manage this waste.

Section III Off-site shipment of hazardous waste. In Box A, "No" is checked because the waste was <u>not</u> shipped off site for management in a RCRA regulated unit during 1997. Boxes B through E are left blank according to the instructions on the form.

Section IV No waste minimization activities were conducted so (no) is marked and Boxes B - F are left blank.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

FORM GM

WASTE GENERATION & MANAGEMENT

COUNTY: Mendenhall

SITE NAME: Waste Disposal, Inc.

EPA ID NO: ABC581681034 9

INSTRUCTIONS: Read the instructions in the 1997 Hazardous Waste Report booklet before completing this form.

SECTION I

A: Waste Description
Landfill leachate discharged to POTW.

B: Hazardous Waste Codes: F006 F001 F003 NA

C. Would you like assistance in reducing this hazardous waste stream? ☐ Yes ☒ No

D. SIC Code	E. Origin Code	F. Source Code	G. Point of Measurement	H. Form Code	I. RCRA-Radioactive Mixed
4953	5 System M132	A79	1	B114	2

SECTION II

A. Quantity Generated in 1997	B. Unit of Measure /Density	C. Did the site treat, dispose, or recycle on site, or discharge to a sewer/POTW?
6000.0	5 18.34 ☒ 1 lbs/gal ☐ 2 sq	☒ Yes (CONTINUE TO SYSTEM 1) ☐ No (SKIP TO SECTION III)

ON SITE PROCESS SYSTEM 1		ON SITE PROCESS SYSTEM 2	
System type	Quantity treated, disposed or recycled on site in 1997	System type	Quantity treated, disposed or recycled on site in 1997
M135	6000.0	M NA	

SECTION III

A: Was any of this waste shipped off site in 1997 YES ☐ (Go to Box B) NO ☒ (Go to Section IV)

	B: EPA ID of facility waste was shipped to:	C: System type shipped to:	D. Off-site availability Code	E. Total quantity shipped in 1997
Site 1		M		
Site 2		M		

SECTION IV

A: Did new activities in 1997 result in minimization of this waste? YES ☐ (Go to Box B) NO ☒ (Go to Back of Page)

B: Activity	C: Other effects	D: Quantity recycled in 1997 due to new activities	E. Activity/production index	F. 1997 Source reduction quantity
W W W W	☐ Yes ☐ No			

COMMENTS: Section 1, Box B: F001, F003 codes are from incinerator ash.

Over ☞

Forms Completed by Waste Disposal, Inc.

All wastes received from off-site during 1997 and managed on-site. One form has space to report three wastes received from off-site. In this example, hazardous wastes received from five generators are reported on two WR Forms - three wastes on one form and two on another form. Waste 1 on page 5 was received from the ABC Painting Co. (Example 1). Wastes 2 and 3 on page 5 were received from Platers, Inc. (Example 2). These two wastes are reported separately on Form WR.

Form WR, pages 1 and 2 of 2:

The site enters its name and EPA ID number in the top right-hand corner of the form.

Wastes 1, 2, and 3	In Box A, a narrative description of the waste received from off site is entered. In Box B, the site enters the appropriate EPA hazardous waste codes for the waste. The EPA ID number of the site from which the waste was received is entered in Box C. In Box D, the quantity received is entered. In Box E, the unit of measure is reported for the waste quantity recorded in Box D. If the unit of measure is volumetric, density and density unit of measure also are reported in Box G; otherwise, they are left blank. In Box F, the appropriate Form code for the waste is entered. Box G indicates whether the waste was mixed with radioactive materials. In Box H, the appropriate System Type code for the system in which the waste was managed is reported.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

FORM WR

WASTE RECEIVED FROM OFF-SITE

COUNTY: Mendenhall

SITE NAME: Waste Disposal, Inc.

EPA ID NO: IAIBID5I8I6I8I1I0I3I4I9I

INSTRUCTIONS: Read the detailed instructions in the 1997 Hazardous Waste Report booklet before completing this form.

Waste 1

A. Description of Hazardous Waste	B. EPA Hazardous Waste Code		
Ignitable spent solvent; mixture of xylene and acetone	F003	NA	NA	NA

C. Off-Site Source EPA ID number	D. Quantity received in 1997	E. UOM	Density
XYID9I0I8I4I8I7I3I7	7500.0	5	8.00 ☐ 1 lbs/gal ☐ 2 sq
F. Waste Form Code	**G. RCRA-Radioactive Mixed**	**H. System Type**	
B203	2	M041	

Waste 2

A. Description of Hazardous Waste Instruction	B. EPA Hazardous Waste Code		
Still bottoms, halogenated solvent.	F001	NA	NA	NA

C. Off-Site Source EPA ID number	D. Quantity received in 1997	E. UOM	Density
YZID567890123	10.	2	. ☐ 1 lbs/gal ☐ 2 sq
F. Waste Form Code	**G. RCRA-Radioactive Mixed**	**H. System Type**	
B601	2	M042	

Waste 3

A. Description of Hazardous Waste Instruction	B. EPA Hazardous Waste Code		
Wastewater treatment sludge	F001	NA	NA	NA

C. Off-Site Source EPA ID number	D. Quantity received in 1997	E. UOM	Density
YZID567890123	500.	2	. ☐ 1 lbs/gal ☐ 2 sq
F. Waste Form Code	**G. RCRA-Radioactive Mixed**	**H. System Type**	
B502	2	M111	

COMMENTS: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

FORM IC

IDENTIFICATION AND CERTIFICATION

SITE NAME _____

_____

EPA ID NO

INSTRUCTIONS: Read the instructions in the 1997 Hazardous Waste Report booklet before completing this form.

SECTION I

Site name and location address. Complete A through H. Check the box ☐ in items A, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 13.

A: EPA ID No.	B. County
C. Site/company name	D. Has the site name associated with this EPA ID changed since 1995? ☐ 1 Yes ☐ 2 No
E. Street name and number. If not applicable, enter industrial park, building name, or other physical location description.	

F. City, town, village, etc.	G. State	H. Zip Code

SECTION II

Mailing address of site. Instruction page 13.

A. Is the mailing address the same as the location address? ☐ 1 Yes (SKIP TO SEC. III) ☐ 2 No (GO TO BOX B)

B. Number and street name of mailing address

C. City, town, village, etc.	D. State	E. Zip Code

SECTION III

Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 10.

A. Please print: Last Name First Name M.I.	B. Title	C. Telephone Extension

SECTION IV

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Please print: Last Name First Name M.I.	B. Title
C. Signature	D. Date of Signature

EPA ID NUMBER _____ NAME _____

Section V - Generator Status. Instruction pages 14

A. 1997 RCRA Generator Status (CHECK ONE BOX BELOW)	B. Reason for not generating (CHECK ALL THAT APPLY)	
☐ 1 LQG ☐ 2 SQG ☐ 3 CESQG ☐ 4 Non generator (Continue to Box B)	SKIP to SEC. IV	☐ 1 Never generated ☐ 2 Out of business ☐ 3 Only excluded or delisted waste ☐ 4 Only non-hazardous waste ☐ 5 Periodic or occasional generator ☐ 6 Waste minimization activity ☐ 7 Other (SPECIFY COMMENTS IN BOX BELOW)

Sec. VI - On-Site Waste Management Status. Instruction pages 16.

A. Storage subject to RCRA permitting requirements	B. Treatment, disposal, or recycling subject to RCRA permitting requirements	C. RCRA-exempt treatment, disposal, or recycling
☐	☐	☐

Sec. VII - Waste Minimization Activity during 1996 or 1997. Instruction pages 18

A. Did this site begin or expand a source reduction activity during 1996 or 1997?	B. Did this site begin or expand a recycling activity during 1996 or 1997?	C. Did this site systematically investigate opportunities for source reduction or recycling during 1996 or 1997?
☐ 1 YES ☐ 2 NO	☐ 1 YES ☐ 2 NO	☐ 1 YES ☐ 2 NO

D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional source reduction activities in 1996 or 1997? (CHECK YES OR NO FOR EACH ITEM)

Yes	No		
☐ 1	☐ 2	a.	Insufficient capital to install new source reduction equipment or implement new source reduction practices
☐ 1	☐ 2	b.	Lack of technical information on source reduction techniques applicable to the specific production processes
☐ 1	☐ 2	c.	Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment
☐ 1	☐ 2	d.	Concern that product quality may decline as a result of source reduction
☐ 1	☐ 2	e.	Technical limitations of the production processes
☐ 1	☐ 2	f.	Permitting burdens
☐ 1	☐ 2	g.	Source reduction previously implemented - additional reduction does not appear to be technically feasible
☐ 1	☐ 2	h.	Source reduction previously implemented - additional reduction does not appear to be economically feasible
☐ 1	☐ 2	i.	Source reduction previously implemented - additional reduction does not appear to be feasible due to permitting requirements
☐ 1	☐ 2	j.	Other (SPECIFY COMMENTS BELOW)

E. Did any of the factors listed below delay or limit the site's ability to initate new or additional on-site or off-site recycling activities during 1996 or 1997? (CHECK YES OR NO FOR EACH ITEM)

Yes	No		Yes	No	
☐ 1	☐ 2	a. Insufficient capital to install new recycling equipment or implement new recycling practice	☐ 1	☐ 2	g. Technical limitations of production processes inhibit shipments off-site for recycling
☐ 1	☐ 2	b. Lack of technical information on recycling techniques applicable to this site's specific production process	☐ 1	☐ 2	h. Technical limitations of production processes inhibit on-site recycling
☐ 1	☐ 2	c. Recycling is not economically feasible: cost savings in waste management will not recover the capital investment	☐ 1	☐ 2	i. Permitting burdens inhibit recycling
☐ 1	☐ 2	d. Concern that product quality may decline as a result of recycling	☐ 1	☐ 2	j. Lack of permitted off-site recycling facilities
☐ 1	☐ 2	e. Requirements to manifest wastes inhibit shipments of off-site for recycling	☐ 1	☐ 2	k. Unable to identify a market for recycled materials
☐ 1	☐ 2	f. Financial liability provisions inhibit shipments off-site for recycling	☐ 1	☐ 2	l. Recycling previously implemented - additional recycling does not appear to be technically feasible
			☐ 1	☐ 2	m. Recycling previously implemented - additional recycling does not appear to be economically feasible
			☐ 1	☐ 2	n. Recycling previously implemented - additional recycling does not appear to be feasible due to permitting requirements
			☐ 1	☐ 2	o. Other (SPECIFY COMMENTS IN BOX BELOW)

Comments _____

_____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

FORM GM

WASTE GENERATION & MANAGEMENT

COUNTY _____

SITE NAME _____

EPA ID NO

INSTRUCTIONS: Read the instructions in the 1997 Hazardous Waste Report booklet before completing this form.

SECTION I

A: Waste Description (p. 22)

B: Hazardous Waste Codes (p. 19)

C. Would you like assistance in reducing this hazardous waste stream? ☐ Yes ☐ No

D. SIC Code (p.23)	E. Origin Code (p.23) System	F. Source Code (p. 24)	G. Point of Measurement (p. 24)	H. Form Code (p.25)	I. RCRA-Radioactive Mixed (p. 25)
	M	A		B	

SECTION II

A. Quantity Generated in 1997 (p. 25)	B. Unit of Measure /Density (p. 25)	C. Did the site treat, dispose, or recycle on site, or discharge to a sewer/POTW? (p. 26)
	☐ 1 lbs/gal ☐ 2 sq	☐ Yes (CONTINUE TO SYSTEM 1) ☐ No (SKIP TO SECTION III)

ON SITE PROCESS SYSTEM 1 (p. 27) System type	Quantity treated, disposed or recycled on site in 1997	ON SITE PROCESS SYSTEM 2 (p. 27) System type	Quantity treated, disposed or recycled on site in 1997
M		M	

SECTION III

A: Was any of this waste shipped off site in 1997 (p. 28) YES ☐ (Go to Box B) NO ☐ (Go to Section IV)

	B: EPA ID of facility waste was shipped to: (p. 28)	C: System type shipped to: (p. 28)	D. Off-site availability Code (p. 28)	E. Total quantity shipped in 1997 (p. 29)
Site 1		M		
Site 2		M		

SECTION IV

A: Did new activities in 1997 result in minimization of this waste? YES ☐ (Go to Box B) NO ☐ (Go to Back of Page)

B: Activity (p. 30)	C: Other effects (p. 30)	D: Quantity recycled in 1997	E. Activity/production index (p. 31)	F. 1997 Source reduction quantity (p. 32)
W W W W	☐ Yes ☐ No			

COMMENTS: _____

Over ☞

EPA ID NUMBER _____ NAME _____

PLEASE NOTE THAT ALL OF THE FOLLOWING QUESTIONS ARE VOLUNTARY PER IC -13-22-11-4.

SECTION V: WASTE REDUCTION

A. Process Name

B. Raw chemical(s) directly related to the production of the hazardous waste stream on the front of this form.

Input material(s)	CAS Number(s)
1.	
2.	
3.	
4.	
5.	
6.	
7.	

C. Output - Product description.

_____

_____

D.	On-Site	Off-Site
Reclaimed		
Recycled		
Reused		

E. Brief description of the process that has created the hazardous waste stream on the front of this form.

_____

_____

_____

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: _____

EPA ID NO: ___ ___ ___ ___

U.S. ENVIRONMENTAL PROTECTION AGENCY

1997 Hazardous Waste Report

FORM IC

IDENTIFICATION AND CERTIFICATION

Instructions: Please see the detailed instructions beginning on page 7 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each section is provided below.

Sec. I Site name and location address. Check the box ☐ in items A, B, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instructions page 7.

A. EPA ID No. Same as label ☐ or → ___ ___ ___ ___	B. County Same as label ☐ or →
C. Site/company name Same as label ☐ or →	D. Has the site name associated with this EPA ID changed since 1995? ☐ 1 Yes ☐ 2 No
E. Street name and number. If not applicable, enter industrial park, building name, or other physical location description. Same as label ☐ or →	

F. City, town, village Same as label ☐ or →	G. State Same as label ☐ or → ___	H. Zip Code Same as label ☐ or → _____ - ____

Sec. II Mailing address of site. Instructions page 7.

A. Is the mailing address the same as the location address? ☐ 1 Yes (SKIP TO SEC. III) ☐ 2 No (CONTINUE TO BOX B)

B. Number and street name of mailing address

C. City, town, village	D. State ___	E. Zip Code _____ - ____

Sec. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instructions page 7.

A. Last Name First name M.I.	B. Title	C. Telephone Number ___ ___ - ____ Extension ____

Sec. IV "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations." Instructions page 8.

A. Last Name First name M.I.	B. Title
C. Signature	D. Date of signature ___ ___ ___ Month Day Year

Over →

EPA ID NO. ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

Sec. V	Generator status. Instructions begin on page 8.
A. 1997 RCRA generator status (CHECK ONE BOX BELOW) ☐ 1 LQG ☐ 2 SQG ☐ 3 CESQG } SKIP TO SEC. VI ☐ 4 Non-generator (CONTINUE TO BOX B)	B. Reason for not generating (CHECK ALL THAT APPLY) ☐ 1 Never generated ☐ 2 Out of business ☐ 3 Only excluded or delisted waste ☐ 4 Only non-hazardous waste ☐ 5 Periodic or occasional generator ☐ 6 Waste minimization activity ☐ 7 Other (SPECIFY IN COMMENTS BOX BELOW)

Sec. VI	On-site waste management status. Instructions page 10.
A. Storage subject to RCRA permitting requirements ☐	B. Treatment, disposal, or recycling subject to RCRA permitting requirements ☐

Comments:

1997 HAZARDOUS WASTE REPORT
SUBMISSION CHECKLIST

Please review the following checklist to make sure that your site's submission is complete and correct. This checklist is for your own use and is not to be returned.

Have you:

- ☐ Included Form IC, answering questions on both the front and back of the form?

- ☐ Prepared a complete and separate Form GM for each RCRA hazardous waste generated on site and subsequently managed on site and/or shipped off site for management in 1997 that was:

  - Generated on site from a production process, service activity, or routine cleanup?
  - Resulted from equipment decommissioning, spill cleanup, or remedial cleanup activity?
  - Received from off site and subsequently shipped off site without being treated or recycled on site?
  - Derived from the management of non-hazardous waste?
  - Derived from the on-site treatment, disposal, or recycling of hazardous waste (i.e., a residual)?

- ☐ Reported all 1997 receipts of RCRA hazardous waste from off site on Form WR?

- ☐ Used the Comments section to clarify or continue entries such as "Other" responses? Checked that "NA" is entered, where noted in the instructions, for items that do not apply to your site?

- ☐ Numbered every page in your submission consecutively so that both the individual page number and the total number of pages appear at the bottom of the page?

- ☐ Right justified all quantity entries?

- ☐ Signed the certification statement in Section IV of Form IC?

- ☐ Made a copy of the completed 1997 Hazardous Waste Report to retain with your records?

INSTRUCTIONS FOR FILLING OUT FORM OI – OFF-SITE IDENTIFICATION

WHO MUST SUBMIT THIS FORM

Sites required to file the 1997 Hazardous Waste Report must submit Form OI if:

- Form OI is required by your State; **AND**
- The site received hazardous waste from off site or sent hazardous waste off site during 1997.

PURPOSE OF THIS FORM

Form OI documents the names and addresses of off-site installations and transporters.

HOW TO FILL OUT THIS FORM

Form OI is divided into five identical parts. You must fill out one part for each off-site installation to which you shipped hazardous waste, each off-site installation from which you received hazardous waste, and each transporter you used to ship hazardous waste during 1997. If these off-site installations and transporters total more than five, you must photocopy and complete additional copies of the form. Prior to photocopying, place the pre-printed site identification label in the top left-hand corner of the form or, if you did not receive pre-printed labels, enter the site name and EPA Identification Number in this space.

Use the Comments section at the end of the form to clarify any entry (e.g., "Other" responses) or to continue any entry. When entering information in the Comments section, cross-reference the site number and box letter to which the comment refers.

ITEM-BY-ITEM INSTRUCTIONS

Complete Boxes A through D for each off-site installation to which you shipped hazardous waste and each off-site installation from which you received hazardous waste during 1997. Complete Boxes A through C for each transporter you used during the year (address in Box D is not required for transporters).

Box A: <u>EPA ID No. of off-site installation or transporter</u>
Enter the 12-digit EPA ID number of the off-site installation to which you shipped hazardous waste or from which you received hazardous waste. Or, enter the EPA ID number of the transporter who shipped hazardous waste to or from your site. Each EPA ID Number should appear only once. If the off-site installation or transporter did not have an EPA ID number during 1997, enter "NA" in Box A and note the reason in the Comments section. For wastes shipped to or received from foreign countries, if the facility does not have an EPA Identification Number, enter "FC" followed by the name of the country for the EPA Identification Number.

Box B: <u>Name of off-site installation or transporter</u>
Enter the name of the off-site installation or transporter reported in Box A.

Box C: <u>Handler type</u>
Check all boxes that apply to the handler type (i.e., generator, transporter, or treatment, storage, or disposal (TSD) facility) of the off-site installation or transporter reported in Box A.

Box D: <u>Address of off-site installation</u>
Enter the address of the off-site installation reported in Box A. If the EPA ID number reported in Box A refers to a transporter, enter "NA" in Box D.

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SITES THAT SHOULD NOT FILE THE HAZARDOUS WASTE REPORT

Do not file the 1997 Hazardous Waste Report if, during 1997, your site was not a RCRA LQG (your site does not meet any of the criteria in the box above) **AND** did not treat, store, or dispose RCRA hazardous wastes on site.

If you are not required to file the 1997 Hazardous Waste Report, please return the postcard found on the back cover to indicate that you are exempt from the reporting requirement. EPA will use the postcards to identify sites that are not required to report.

STATE-SPECIFIC REQUIREMENTS

States may impose reporting requirements above and beyond the Federal requirements. If your State does so, it will attach information to (or delete information from) this booklet. In addition, States may use a modified version of this report or their own instructions and forms for fulfilling the reporting requirements.

The list of State and Regional contacts, on pages 77 through 81, identifies the States that use modified or State-specific reports. Please contact your State or Regional office with any questions on State-specific reporting requirements.

WHO MUST FILE THE 1997 HAZARDOUS WASTE REPORT

SITES REQUIRED TO FILE THE HAZARDOUS WASTE REPORT

You are required by Federal statute to complete and file the 1997 Hazardous Waste Report if your site:

- Met the definition (see box below) of a RCRA Large Quantity Generator (LQG) during 1997; **AND/OR**
- Treated, stored, or disposed RCRA hazardous wastes on site during 1997.

If you are required to report, see **WHICH FORMS TO SUBMIT AND WHAT TO REPORT**, on page 3, to determine which forms you must submit.

Definition of a RCRA Large Quantity Generator

A site is a RCRA Large Quantity Generator (LQG) if, in 1997, the site met **any** of the following criteria:

(a) The site generated in any single month 1,000 kg (2,200 lbs) or more of RCRA hazardous waste; **or**

(b) The site generated in any single month, or accumulated at any time, 1 kg (2.2 lbs) of RCRA acute hazardous waste; **or**

(c) The site generated or accumulated at any time more than 100 kg (220 lbs) of spill cleanup material contaminated with RCRA acute hazardous waste.

NOTE: Wastes treated in units exempt from RCRA permitting requirements are not to be counted in determining whether a site is a Large Quantity Generator.

2 - SQG: SMALL QUANTITY GENERATOR

This site is a Small Quantity Generator if, in 1997, it met **all** the following criteria:

a) In one or more months the site generated more than 100 kg (220 lbs) of hazardous waste, but in no month did the site: (1) generate 1,000 kg (2,200 lbs) or more of hazardous waste; or (2) generate 1 kg (2.2 lbs) or more of acute hazardous waste; or (3) generate 100 kg (220 lbs) or more of material from the cleanup of a spillage of acute hazardous waste; **and**

b) The site accumulated no more than 1 kg (2.2 lbs) of acute hazardous waste **and** no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; **and**

c) The site stored its wastes in tanks or containers in a manner consistent with regulatory provisions.

OR, the site is a Small Quantity Generator if, in 1997,

a) The site met all other criteria for a Conditionally Exempt Small Quantity Generator (CESQG), but

b) The site accumulated 1,000 kg (2,200 lbs) or more of hazardous waste.

NOTE: If you are both an SQG and a TSD facility, you must complete the Biennial Report.

3 - CESQG: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

This site's hazardous waste activities met the definition of a RCRA CESQG every month during 1997. A RCRA CESQG is defined by the following criteria:

a) The site generated no more than 100 kg (220 lbs) of hazardous waste, **and** no more than 1 kg (2.2 lbs) of acute hazardous waste, **and** no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; **and**

b) The site accumulated no more than 1,000 kg (2,200 lbs) of hazardous waste, **and** no more than 1 kg (2.2 lbs) of acute hazardous waste, **and** no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; **and**

c) The site treated or disposed of the hazardous waste in a manner consistent with regulatory provisions (40 CFR 261.5(f)(3) and 261.5(g)(3)).

NOTE: If you are both a CESQG and a TSD facility, you must complete the Biennial Report.

4 - NON GENERATOR: This site did not generate RCRA hazardous waste during 1997.

FORM IC

☞	Continue to Box B, if you checked 4. Skip to Section VI, if you checked 1, 2, or 3.

BOX B: REASON FOR NOT GENERATING

If the site did not generate RCRA hazardous waste during 1997, check as many boxes as necessary to explain the reason. The alternatives are:

- ***Reason for not generating codes***

1	Never generated	The site has never generated RCRA hazardous waste and did not do so during 1997
2	Out of business:	The site has gone out of business and did not generate hazardous waste at this location during 1997.
3	Only excluded or delisted waste	The site generated only excluded or delisted wastes not subject to RCRA regulation during 1997. Wastes not subject to RCRA regulation are delisted wastes and excluded wastes.
4	Only non-hazardous waste	The site did not generate any wastes subject to RCRA regulation. This includes wastes regulated by RCRA Subtitle D wastes (non-hazardous).
5	Periodic or occasional generator	This site generates RCRA hazardous waste only occasionally, and generated none during 1997.
6	Waste minimization activity	This site was previously a generator of RCRA hazardous waste, but did not generate any during 1997 due to an effective waste minimization program.
7	Other	This site had other reasons for not generating in 1997. Specify in the Comments box at the bottom of the form and reference Section V, Box B.

- ***Excluded Wastes list page A-1***

SECTION VI: ON-SITE WASTE MANAGEMENT STATUS

BOX A: STORAGE SUBJECT TO RCRA PERMITTING REQUIREMENTS

Did the site have any on-site storage subject to RCRA permitting requirements during 1997? Select one code from the list below and record in the response space in Box A.

◆ ***Codes for storage subject to RCRA permitting requirements***

1 No storage subject to RCRA permitting requirements

2 Tanks

3 Containers

4 Tanks and containers

5 Other

> Short-term accumulation under the 90, 180, or 270 day rules is exempt from RCRA permitting requirements. If the ONLY type of storage at your site was accumulation of wastes under these rules prior to shipment, answer "1-No storage subject to RCRA permitting requirements."

BOX B: TREATMENT, DISPOSAL, OR RECYCLING SUBJECT TO RCRA PERMITTING REQUIREMENTS

During 1997, was treatment, disposal, or recycling of RCRA hazardous waste conducted on-site in units subject to RCRA permitting requirements? Select one code from the list below and record in the response space in Box B.

◆ ***Treatment, disposal, or recycling subject to RCRA permitting requirements codes***

1 No, the facility did not treat, dispose, or recycle hazardous waste on-site in units subject to RCRA permitting requirements during 1997 and had no plans in 1997 to develop an on-site RCRA permitted treatment, disposal, or recycling system.

2 No, the facility did not treat, dispose, or recycle hazardous waste on-site in units subject to RCRA permitting requirements in 1997, but is planning to develop an on-site RCRA permitted treatment, disposal, or recycling system .

3 Yes, the facility treated, disposed, or recycled on-site in a unit subject to RCRA permitting requirements.

> If you selected code 3, you should fill out one or more Forms PS to describe the existing on-site RCRA-permitted hazardous waste treatment, disposal, or recycling system.

FORM IC

BOX C: RCRA EXEMPT TREATMENT, DISPOSAL, OR RECYCLING

During 1997, was treatment, disposal, or recycling of RCRA hazardous waste conducted on-site in units exempt from RCRA permitting requirements? Select one code from the list below and record in the response space in Box C.

◆ ***RCRA-exempt treatment, disposal, or recycling codes***

1 No, the facility did not treat, dispose, or recycle during the report year and had no plans to develop during the report year an on-site RCRA-exempt treatment, disposal, or recycling system.

2 No, the facility did not treat, dispose, or recycle during the report year but is planning to develop an on-site RCRA-exempt treatment, disposal, or recycling system.

3 Yes, the facility treated, disposed, or recycled on-site in a unit exempt from RCRA permitting requirements pursuant to §264.1(g) or §265.1(c).

> If you selected code 3, you should fill out one or more Forms PS to describe the existing on-site RCRA-exempt hazardous waste treatment, disposal, or recycling system.

SECTION VII: WASTE MINIMIZATION ACTIVITY DURING 1996 OR 1997

Waste minimization means reduction, to the extent feasible, of hazardous waste generated or subsequently treated, stored, or disposed. It includes any source reduction or recycling activity undertaken by a generator resulting in: (1) the reduction of total volume or quantity of hazardous waste; (2) the reduction of toxicity of hazardous waste; or (3) both, as long as the reduction is consistent with the goal of minimizing present and future threats to human health and the environment.

> Treatment (including burning and incineration) of the waste after it has exited the process is not considered waste minimization activity. The following are examples of activities that should not be reported here as waste minimization.
>
> - Sending waste off-site for management (other than recycling).
> - Treatment to reduce volume (after the waste exits the process in which it was generated).
> - Treatment to reduce toxicity (after the waste exits the process in which it was generated).
> - Installation of filter press to reduce water content and volume.
> - Installation of equipment to comply with Clean Water Act.
>
> Bankruptcy or reduction in production volume due to economic factors are not waste minimization activities.

BOX A: DID THIS SITE BEGIN OR EXPAND A SOURCE REDUCTION ACTIVITY DURING 1996 OR 1997?

Check "Yes" or "No" in Box A.

Source reduction means any practice which: (1) reduces the amount of any hazardous substance, pollutant, or contaminant entering any waste or otherwise released into the environment (including fugitive emissions) prior to recycling, treatment, or disposal; and (2) reduces impact on public health and the environment associated with the release of such substances, pollutants, or contaminants. The term includes equipment or technology modifications; process or procedure modifications; reformulation or redesign of products; substitution of raw materials; and improvements in housekeeping, maintenance, training, or inventory control. Source reduction does not include any practice that alters the physical, chemical, or biological characteristics or the volume of a hazardous substance, pollutant, or contaminant through a process or activity which itself is not integral to and necessary for the production of a product or the provision of a service.

BOX B: DID THIS SITE BEGIN OR EXPAND A RECYCLING ACTIVITY DURING 1996 OR 1997?

Check "Yes" or "No" in Box B.

Recycling means the use or reuse of waste as an effective substitute for a commercial product, or as an ingredient or feedstock in an industrial process. It also refers to the reclamation of useful constituent fractions within a waste material or removal of contaminants from a waste to allow it to be reused. As used in this report, recycling implies use, reuse, or reclamation of a waste, either on-site or off-site, after it has been generated. See 40 CFR, Section 261.1 © (4) , (5), and (7).

BOX C: DID THIS SITE SYSTEMATICALLY INVESTIGATE OPPORTUNITIES FOR SOURCE REDUCTION OR RECYCLING DURING 1996 OR 1997?

Check "Yes" or "No" in box C.

BOX D: DID ANY OF THE FACTORS LISTED BELOW DELAY OR LIMIT THIS SITE'S ABILITY TO INITIATE NEW OR ADDITIONAL SOURCE REDUCTION ACTIVITIES DURING 1996 OR 1997?

Check "Yes" or "No" for each item.

FORM IC

BOX E: DID ANY OF THE FACTORS LISTED BELOW DELAY OR LIMIT THIS SITE'S ABILITY TO INITIATE NEW OR ADDITIONAL On-site OR Off-site RECYCLING ACTIVITIES DURING 1996 OR 1997?

Check "Yes" or "No" for each item.

FORM GM - WASTE GENERATION AND MANAGEMENT INSTRUCTIONS

WHO MUST SUBMIT THIS FORM?

A site required to file the 1997 Hazardous Waste Report must submit Form GM if, during 1997, the site generated any quantity of RCRA hazardous waste on-site, and subsequently managed the waste on-site and/or shipped the waste off-site for management. Fill out only **one** GM form for each hazardous wastewater managed onsite and ultimately discharged under one of the following conditions:

- With or without prior pretreatment to a surface water, in accordance with an NPDES permit issued pursuant to Section 402 of the Clean Water Act; or
- With or without pretreatment to a publicly owned treatment works (POTW), in accordance with 307(b) of the Clean Water Act; or
- With or without prior treatment to an underground injection well, in accordance with a permit issued pursuant to the Safe Drinking Water Act.

For these wastewaters, use only System Type codes M134 (Deepwell/underground injection), M135 (discharge to sewer/POTW), or M136 (discharge to surface water under NPDES). Note that the quantity reported for these System Types should be the quantity of wastewater entering the pretreatment system, which may or may not be the quantity actually discharged to the POTW, injection well, or surface water. These codes should be the only management codes used, regardless of what treatment the wastewaters receive prior to discharge. Note that any sludges or other non-wastewaters generated from the treatment of wastewaters should still be reported if they are hazardous. Examples of how to fill out the form are provided in Appendix B.

PURPOSE OF THIS FORM

Form GM summarizes the on-site RCRA hazardous waste generation and management in 1997. Form GM is divided into four sections that together document: the source, characteristics, and quantity of hazardous waste generated on-site; the quantity of hazardous waste managed on-site and the management methods; the quantity of hazardous waste shipped off-site for treatment, disposal, or recycling and the off-site management methods; and the waste minimization activities related to the hazardous waste.

HOW TO FILL OUT THIS FORM

Make and submit a photocopy of Form GM for each RCRA hazardous waste that meets any of the criteria discussed below under Waste to be Reported. Prior to photocopying, enter the site name and the EPA identification number. Use the Comments section at the bottom of the form to clarify or continue any entry. Reference the comment by entering the section number and box letter. After removing the form from the booklet, please trim the ragged edges.

FORM GM

> Refer to the Special Instructions section beginning on page 9 for instructions on how to report lab packs, asbestos, PCBs, waste oils, RCRA-radioactive mixed wastes, and groundwater contaminated by leachate.

WASTES TO BE REPORTED

A separate Form GM must be submitted for **each** RCRA hazardous waste that was:

- Generated on-site and subsequently managed on-site or shipped off-site in 1997;
- Generated on-site in 1997 but not managed on-site or shipped off-site until after 1997; or
- Generated on-site prior to 1997 but either managed on-site or shipped off-site in 1997.

RCRA hazardous wastes to be reported include those that were:

- Generated on-site from a production process, service activity, or routine cleanup;
- The result of equipment decommissioning, spill cleanup, or remedial cleanup activity;
- Derived from the management of non-hazardous waste;
- Shipped off-site, including hazardous waste that was received from off-site(reported on Form WR), and subsequently shipped off-site without being recycled or treated on-site; or
- Derived from the on-site treatment, disposal, or recycling of previously existing hazardous waste (i.e. a residual).
- Radioactive wastes mixed with RCRA hazardous wastes

NOTE: Similar hazardous wastes may be combined onto one Form GM if the wastes have the same Origin code and Form code.

> RCRA hazardous wastes treated in units exempt from RCRA permitting requirements should be reported on this form.

SECTION I: WASTE DESCRIPTION

Section I documents information on each hazardous waste that in 1997 was generated on-site and subsequently treated, disposed or recycled on-site; and/or shipped off-site for management.

> Fill out a separate Form GM whenever a combination of wastes would require more than one:
> - Origin Code (Box I-E) or
> - Form Code (Box I-H).

BOX A: WASTE DESCRIPTION

Provide a short narrative description of the waste, citing:

- General type;
- Source;
- Type of hazard; and
- Generic chemical name or primary hazardous constituents.

EXAMPLE: "Ignitable spent solvent from degreasing operation in tool production; mixture of mineral spirits and kerosene."

In the example, note that the general type (spent solvent), source (degreasing operation in tool production), type of hazard (ignitability), and generic chemical names (mineral spirits and kerosene) have all been cited.

BOX B: EPA HAZARDOUS WASTE CODE

Enter the EPA hazardous waste code(s) that applies to the waste reported in Box A. EPA hazardous waste codes are listed beginning on page A-13. If you need room for additional codes, list the codes in the Comments section and cross-reference Section I, Box B.

◆ *EPA Hazardous Waste Codes, page A-12*

BOX C: ASSISTANCE

Place a check in the yes box if you would like assistance in reducing this hazardous waste stream.

BOX D: SIC CODE

Enter the four-digit Standard Industrial Classification (SIC) Code of the overall production, distribution, or service activity of the site that generated this waste. **Please provide the SIC Code for the overall activity of the site, even if a different code better describes the specific industrial process that generated the waste.** Therefore, you should provide the same SIC code on all of the GM forms.

◆ *SIC Code list, page A-37*

BOX E: ORIGIN CODE AND SYSTEM TYPE

Review the origin codes below. Enter the code that best describes the process or activity which was the source of the hazardous waste reported in Box A. If the waste is a residual from a hazardous waste management system, regardless of the type of the management system, report an Origin code of 5 and report the system type that produced the residual in the space provided. If the hazardous waste was mixed with other materials, report the origin code for only the hazardous waste.

◆ *Origin codes*

1 The hazardous waste was generated on-site from a production process, service activity, or routine cleanup (including off-specification or spent chemicals).

2 The hazardous waste was the result of a spill cleanup, equipment decommissioning, or other remedial cleanup activity.

3 The hazardous waste was derived from the management of a non-hazardous waste.

4 The hazardous waste was received from off-site and was not recycled or treated on-site.

5 The hazardous waste was a residual from the on-site treatment, disposal, or recycling of a previously existing hazardous waste.

☞	Skip to Box F if you selected code 1, 2, 3, or 4. Continue to system type if you selected code 5.

SYSTEM TYPE: If you selected an origin code of 5, you should enter the system type code that best describes the operation from which the waste is a residual.

EXAMPLE: The hazardous waste is incinerator ash generated as a result of on-site thermal treatment of a hazardous waste in a fixed hearth. The Origin Code is 5. The System Type is M042.

◆ *System Type Codes, page A-51*

BOX F: SOURCE CODE

Enter the source code that best describes the production, service, or waste management process serving as the source of waste generation. If more than one source code is needed, continue the entry in Comments section and cross reference to Section I, Box F.

◆ *Source Codes, page A-47*

BOX G: POINT OF MEASUREMENT

Enter the code indicating whether the hazardous waste reported in Box A was mixed with other wastes prior to being measured or estimated.

◆ *Point of measurement codes*

1 The hazardous waste was not mixed with any other waste prior to being measured.
2 The hazardous waste was measured after mixing with other hazardous wastes only.
3 The hazardous waste was measured after mixing with non-hazardous wastes only.
4 The hazardous waste was measured after mixing of multiple hazardous wastes, and with non-hazardous wastes.

BOX H: FORM CODE

Review the form codes beginning on page A-49 and enter the code that best corresponds to the physical form or chemical composition of the hazardous waste reported in Box A.

◆ *Form Code list, page A-49*

BOX I: RCRA-RADIOACTIVE MIXED

Is the hazardous waste reported in Box A mixed with nuclear source, special nuclear, or by-product material?
Enter the code for the appropriate response.

◆ *RCRA-radioactive mixed codes*

1 Yes
2 No

> If nuclear source, special nuclear, or by-product material (see Definitions section, page A-5) as defined by the Atomic Energy Act of 1954, as amended 42 U. S. C. 2011 et seq. from the Atomic Energy Act, is mixed with a RCRA hazardous waste, the material is controlled under RCRA regulation, as well as under the Atomic Energy Act (DOE, NRC, and EPA) regulations, and is to be reported in the 1997 Hazardous Waste Report.

SECTION II: QUANTITIES OF HAZARDOUS WASTE GENERATED

BOX A: QUANTITY GENERATED IN 1997

Enter the total quantity of the hazardous waste described in Section I that was generated during 1997. Right justify the quantity entry. Report the unit of measure (UOM) and density in Box B.

BOX B: UOM AND DENSITY

Enter the unit of measure (UOM) code for the quantity you reported in Box A. Report the quantity in one of the units of measure listed below. ***If you select a volumetric measure (gallons, liters, or cubic yards), you MUST report the density of the waste.***

◆ *Unit of measure codes*

1 Pounds
2 Short tons (2,000 pounds)
3 Kilograms
4 Metric tonnes (1,000 kilograms)
5 Gallons
6 Liters
7 Cubic yards

☞	Skip to Box C if you selected code 1, 2, 3, or 4. Continue to Density if you selected code 5, 6, or 7.

DENSITY: Complete density only if you entered code 5, 6, or 7 in unit of measure. Provide the density in either pounds per gallon (lbs/gal) or specific gravity (sg) and check the box to indicate which measure was used.

BOX C: DID THIS SITE DO ANY OF THE FOLLOWING TO THIS WASTE: TREAT ON-SITE, DISPOSE ON-SITE, RECYCLE ON-SITE, OR DISCHARGE TO A SEWER/POTW?

Check "Yes" or "No" to indicate if the site did any of the following to the waste reported in Box A: treat on-site, dispose on-site, recycle on-site, or discharge to a sewer/POTW. If you checked "Yes", complete the boxes for On-site Process Systems 1 and 2.

☞	Continue to On-site Process System 1 if you checked "Yes". Skip to Section III if you checked "No".

ON-SITE PROCESS SYSTEM TYPE

Enter the code that describes the type of process system in which the waste was managed. (This process system should be reported on a Form PS.) Space is provided to report up to two different system types. The space provided for the second on-site system should be used **only in the special case** of the management of the same waste on-site by more than one process system during 1997. Use the second on-site process system only when:

- A waste is managed in one process system for part of a year and in another process system for the rest of the year; or
- A waste is managed by two different process systems at the same time, i.e. management of the waste is split between different process systems.

The extra space **should not** be used to report the following:

- The on-site management of the treatment residual generated from management of the waste by the first system type. Report on-site management of treatment residuals on a separate Form GM.
- To report treatment in a series of process units. Report only process systems, not process units.

If more than two process systems manage the same waste on-site, you need not complete the entire form again. Simply attach a second copy of Form GM, leaving blank all entries except Section II, System Type. Note in the Comments section of each page "Sec. II, System Type continued on supplemental page." (Refer to page 5 for information on page numbering of supplemental pages.)

QUANTITY TREATED, DISPOSED, OR RECYCLED ON-SITE IN 1997

Enter the quantity of hazardous waste described in Section I that was treated, disposed, or recycled by the reported on-site process system type during 1997. **Report the quantity in the same unit of measure reported in Section II, Box B.**

EXAMPLE: A firm generated 100 tons of F002 solvent waste in 1997. Eighty (80) tons were recycled for reuse in a batch distillation process system generating 5 tons of still bottoms. The remaining 20 tons were burned in an industrial boiler.

On-site Process System 1 would be distillation (M021) with a quantity of 80 tons. On-site Process System 2 would be energy recovery-liquids (M051) with a quantity of 20 tons. The 5 tons of still bottoms should be reported on a separate Form GM.

◆ ***System Type Code list, page A-51***

SECTION III: OFF-SITE SHIPMENT OF HAZARDOUS WASTE

This section requests information on off-site shipment of hazardous waste. **DO** report shipments of previously generated hazardous wastes stored until 1997. **DO** report waste shipped via transfer facility. Space is provided to report shipments of the waste to two different facilities. If the waste you reported in Section I was shipped to more than two facilities during 1997, do not complete the entire form again. Attach a second copy of Form GM leaving blank all entries except Section III, Boxes B, C, D, and E. Note in the Comments section of each page "Sec. III, Box B continued on supplemental page." (Refer to page 5 for information on page numbering of supplemental pages.)

BOX A: WAS ANY OF THIS WASTE SHIPPED Off-site IN 1997?

Check "Yes" or "No" to indicate if any of the waste described in Section I was shipped off-site during 1997.

☞	Continue to Box B if you checked "Yes". Continue to Section IV if you checked "No".

BOX B: EPA ID NUMBER OF FACILITY WASTE WAS SHIPPED TO

Enter the 12-digit EPA Identification Number of the facility to which the waste was shipped. For wastes shipped to foreign countries (if the facility does not have an EPA identification number), enter "FC" followed by the name of the country for the EPA identification number.

BOX C: SYSTEM TYPE SHIPPED TO

Enter the system type code that best describes how the waste was initially managed at the facility reported in Box B.

◆ *System Type Codes, page A-51*

BOX D: OFF-SITE AVAILABILITY CODE

Enter the code that best describes the availability of the off-site facility for commercial hazardous waste management.

◆ *Off-site availability codes*

1 The off-site facility is a commercial treatment, storage, or disposal facility.
2 The off-site facility is available only to firms owned by the same company.

BOX E: TOTAL QUANTITY SHIPPED IN 1997

Enter the total quantity of the waste shipped to the facility during 1997. **Report the quantity in the same unit of measure entered in Section II, Box B.** Shipment quantities should equal the total quantity recorded on Uniform Hazardous Waste Manifests for this site during 1997, unless there were rejections or other complications. The quantity shipped may not necessarily equal the quantity generated (e.g., some waste may be accumulated on-site).

SECTION IV: WASTE MINIMIZATION ACTIVITIES IN 1997

Section IV collects information on any activities undertaken during 1997 which resulted in waste minimization. Definitions of waste minimization, source reduction, and recycling are provided below.

Waste minimization means the reduction, to the extent feasible, of hazardous waste generated or subsequently treated, stored, or disposed. It includes any source reduction or recycling activity undertaken by a generator resulting in: (1) the reduction of total volume or quantity of hazardous waste; (2) the reduction of toxicity of hazardous waste; or (3) both, as long as the reduction is consistent with the goals of minimizing present and future threats to human health and the environment.

Treatment (including burning and incineration) of the waste after it has exited the process is not considered waste minimization activity. The following are examples of activities that should **not** be reported here as waste minimization:

- Sending waste off-site for management (other than recycling);
- Treatment to reduce volume (after the waste exits the process in which it was generated);
- Treatment to reduce toxicity (after the waste exits the process in which it was generated);
- Installation of filter press to reduce water content and volume;
- Installation of equipment to comply with Clean Water Act.

Bankruptcy or reduction in production volume due to economic factors are <u>not</u> waste minimization activities.

Source reduction Any practice which: (1) reduces the amount of any hazardous substance, pollutant, or contaminant entering any waste or otherwise released into the environment (including fugitive emissions) prior to recycling, treatment, or disposal; and (2) reduces the hazards to public health and the environment associated with the release of such substances, pollutants, or contaminants. The term includes equipment or technology modifications, process or procedure modifications, reformulation or redesign of products, substitution of raw materials, and improvements in housekeeping, maintenance, training, or inventory control. Source reduction does not include any practice that alters the physical, chemical or biological characteristics or the volume of a hazardous substance, pollutant, or contaminant through a process or activity which itself is not integral to and necessary for the production of a product or the provision of a service.

Recycling means the use or reuse of waste as an effective substitute for a commercial product, or as an ingredient or feedstock in an industrial process. It also refers to the reclamation of useful constituent fractions within a waste material or the removal of contaminants from a waste to allow it to be reused. As used in this report, recycling implies use, reuse, or reclamation of a waste, either on-site or off-site, after it has been generated.

BOX A: DID ACTIVITIES IN 1997 RESULT IN MINIMIZATION OF THIS WASTE?

During 1997, did you conduct any activities resulting in minimization of the waste described in Section I Box A?

☞	Continue with Box B if you checked "Yes". This form is complete if you checked "No".

BOX B: ACTIVITY

What activities were conducted in 1997 to achieve the waste minimization results for the waste described in Section I. Space is provided for up to four activity codes. If more than four codes are required, continue the entry in Comments, referencing Section IV, Box B.

◆ *Activity codes, page A-53*

BOX C: OTHER EFFECTS

Check "Yes" if the activities that resulted in minimization of the waste either:

- Increased the toxicity of the waste, or
- Increased the quantity or toxicity of emissions into air, water, or land.

BOX D: QUANTITY RECYCLED IN 1997 DUE TO NEW ACTIVITIES

Enter the quantity of hazardous waste recycled during 1997 because of new recycling activities in 1997. Count both on-site and off-site recycling, but do not include quantities recycled in systems operational before 1997. Do not include closed-loop recycling, because that is reported as a source reduction activity. Enter "NA" if no hazardous waste was recycled because of new recycling activities.

BOX E: ACTIVITY/PRODUCTION INDEX

The activity/production index is a measure of changes in economic and other factors affecting the quantity of hazardous waste generated in 1997, compared to 1996. The index is used to distinguish inter-year quantity changes resulting from waste minimization activity from those attributable to economic or other factors.
IDEM understands some sites may find it impractical to calculate a meaningful activity/production index. If you cannot calculate an index for your site, enter "NA" in Box E.

Use the worksheet on page 32 to calculate the activity/production index. Determine the most appropriate measure of production or activity, using product manufactured, raw materials used, number of hours the plant was in operation, the total number of employee hours worked, sales, budget, and any other factor appropriate for the waste. Divide the value of that measure for 1997 by the comparable value for 1996.

EXAMPLE 1: If the firm manufactures tools using a process that generated a hazardous waste, the activity/production index would indicate the change in the number of tools produced in 1997 compared to 1996.

1,200 tools were produced in 1997, and 1,000 tools were produced in 1996. The activity/production index equals 1,200 divided by 1,000.

$$\frac{\text{(1997 production) } 1{,}200}{\text{(1996 production) } 1{,}000} = 1.2 \text{ (activity/production index)}$$

The number "1.2" would be entered in Box E.

EXAMPLE 2: If a firm that manufactures stainless steel food containers is losing market share to competitors making plastic containers, its production might have declined between 1996 and 1997.

88,000 containers were produced in 1997, and 110,000 containers were produced in 1996. The activity/production index equals 88,000 divided by 110,000.

$$\frac{\text{(1997 production) } 88{,}000}{\text{(1996 production) } 110{,}000} = 0.8 \text{ (activity/production index)}$$

The number "0.8" would be entered in Box E.

EXAMPLE 3: If a firm is a dry cleaner that cleaned 2,200 garments in 1997 and 2,000 garments in 1996, the activity/production index would indicate the change in the number of garments cleaned. The activity/production index equals 2,200 divided by 2,000.

$$\frac{\text{(1997 production) } 2{,}200}{\text{(1996 production) } 2{,}000} = 1.1 \text{ (activity/production index)}$$

The number "1.1" would be entered in Box E.

Activity/Production Index Worksheet

Units produced or units of service provided in 1997		(_____)
	divided by	
Units produced or units of service provided in 1996		(_____)
Enter activity/production index in Box E	=	___.__

BOX F: 1997 SOURCE REDUCTION QUANTITY

If you reported a source reduction activity in Box B (codes W11 through W99), enter your best estimate of the reduction in 1997 quantity generated that resulted from the source reduction activities. Report the quantity in the unit of measure reported in Section II, Box B. Enter "NA" in this space if:

- You did not report a source reduction activity, or
- The source reduction activity you reported resulted only in a reduction in toxicity and not a reduction in quantity of waste.

If you completed Section II, Boxes A and B, and Section IV, Box E, calculate "Source Reduction Quantity" using the method described in the examples that follow.

If you did not complete the information requested in Section II, Boxes A and B, and Section IV, Box E, you may estimate the quantity of hazardous waste prevented in 1997 using another method. Review the three examples that follow to consider which approach your site might use. If you do not use this method, you should describe your computation in the Comments section at the end of the form. Reference Section IV, Box F. A blank Source Reduction Quantity Worksheet is included on page 34.

EXAMPLE 1: A firm manufactures tools using a process that generates a hazardous waste. In 1996, the firm produced 1,000 tools and generated 2,000 gallons of waste. In 1997, the firm produced 1,200 tools and generated 1,800 gallons of waste. The activity/production index for the firm is 1.2. In 1997, the firm introduced a new process to minimize the quantity of hazardous waste it generated.

$$\frac{\text{(1997 production)}\ 1{,}200}{\text{(1996 production)}\ 1{,}000} = 1.2 \text{ (activity/production index)}$$

Source Reduction Quantity Worksheet

Step 1: Multiply the waste quantity generated in 1996 by the activity/production index.

	2,000	Quantity generated in 1996
x	1.2	Times activity/production index (from Sec. IV, Box E)
=	2,400	Equals quantity that would have been generated without source reduction

Step 2: Subtract the 1997 waste quantity (Sec. II, Box B) from the quantity that would have been generated without source reduction (Total from Step 1).

	2,400	Quantity without source reduction
-	1,800	Minus quantity generated in 1997 (from Sec. II, Box B)
=	600	Equals quantity of generation prevented by source reduction (enter in Box F)

Step 3: Enter source reduction quantity in Box F.

EXAMPLE 2: A firm manufactures tools using a process that generates a hazardous waste. In 1996, the firm produced 2,000 tools, generating 3,000 gallons of hazardous waste in the process. In 1997, the firm produced 1,400 tools and 2,000 gallons of waste. The activity/production index for the firm is 0.7. In 1997, the firm, wishing to reduce costs for waste management, introduced a new process to minimize the quantity of hazardous waste it generated. The firm calculated its waste minimization results as follows.

$$\frac{\text{(1997 production)}\ 1{,}400}{\text{(1996 production)}\ 2{,}000} = 0.7 \text{ (activity/production index)}$$

Source Reduction Quantity Worksheet

Step 1: Multiply the waste quantity generated in 1996 by the activity/production index.

	3,000	Quantity generated in 1996
x	0.7	Times activity/production index (from Sec. IV, Box E)
=	2,100	Equals quantity that would have been generated without source reduction

Step 2: Subtract the 1997 waste quantity (Sec. II, Box A) from the quantity that would have been generated without source reduction (Total from Step 1).

	2,100	Quantity without source reduction
-	2,000	Minus quantity generated in 1997 (from Sec. II, Box B)
=	100	Equals quantity of generation prevented by source reduction (enter in Box F)

Step 3: Enter source reduction quantity in Box F.

EXAMPLE 3: A firm uses a solvent bath to clean continuous filament wire in a batch process. Since *the firm does not record how much wire passes through the bath before the solvent is* changed, the activity/production index is "NA". The firm does record the number of times the solvent is changed in the year. To reduce the amount of waste exiting the process, the firm replaced the original bath container with a new container in 1997 that holds 20 gallons less solvent per changing.

The quantity of waste generated from the solvent bath in 1996, before the container was replaced, was 2,000 gallons. Note that this number was known through a record keeping system that tracked waste generation by process.

The bath was changed 10 times during 1996, generating 200 gallons of hazardous waste per changing. This number was known through the firm's record keeping system.

Using the new container and changing the solvent bath 10 times in 1997, the firm generated only 180 gallons of waste per changing. Thus, the total quantity of waste generated from the solvent bath in 1997 was 1,800 gallons.

By replacing the bath container, the firm prevented 200 gallons (Sec. II, Box A minus Box B quantities) of hazardous waste from being generated. (Enter in Sec. IV, Box F, source reduction quantity.)

This firm would complete the Comments section as follows:

Comments:
Section IV Box F: Quantity prevented calculated by comparing volume of solvent bath in original container to volume using new container, which holds 20 gallons less.

Source Reduction Quantity Worksheet

Step 1: Multiply the waste quantity generated in 1996 by the activity/production index.

	___	Quantity generated in 1996 (from Sec. II, Box A)
x	___	Times activity/production index (from Sec. IV, Box E)
=	___	Equals quantity generated without source reduction

Step 2: Subtract the 1997 waste quantity (Sec. II, Box B) from the quantity that would have been generated without the waste minimization project or activity (Total from Step 1).

	___	Quantity without source reduction
-	___	Minus quantity generated in 1997 (from Sec. II, Box B)
=	___	Equals quantity of generation prevented by source reduction (enter in Sec. IV, Box F).

Step 3: Enter source reduction quantity in Box F.

SECTION V: WASTE REDUCTION

PLEASE NOTE THAT ALL OF THE QUESTIONS IN SECTION V
ARE VOLUNTARY PER IC-13-22-11-4.

Indiana has entered into a new type of partnership with the U.S. EPA. This partnership is designed to alter and improve the federal-state relationship and our system for managing environmental programs. Indiana wants to be more responsive to our customers' needs, to encourage continuous progress toward environmental goals, and to more effectively involve the public in our decision-making. Your responses to this section will help provide us with the necessary information to meet these goals.

BOX A: PROCESS NAME

Enter a name to describe the process used for waste reduction.

BOX B: RAW CHEMICALS

Enter the names and Chemical Abstract numbers of all chemicals which were used in the production of the hazardous waste stream reported on this form.

BOX C: OUTPUT

Enter a description of the product that was created by this process.

BOX D: WASTE MINIMIZATION ACTIVITY

Place a check mark in each box to indicate the type of waste minimization activity used and whether the activity was performed on-site or off-site.

BOX E: PROCESS DESCRIPTION

Enter a brief description of the process that created the waste stream reported on this form.

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FORM WR - WASTE RECEIVED FROM OFF-SITE INSTRUCTIONS

WHO MUST SUBMIT THIS FORM?

A site required to file the 1997 Hazardous Waste Report must submit this form if, during 1997, it received RCRA hazardous waste from off-site.

PURPOSE OF THIS FORM

Form WR identifies hazardous wastes that were received from other hazardous waste handlers and the method(s) used to manage them. It is divided into three parts labeled Waste 1, Waste 2, and Waste 3 that collect information about the quantities and characteristics of each hazardous waste received from an off-site source during 1997 and managed on-site.

HOW TO FILL OUT THIS FORM

You may report waste received from more than one off-site source on the same page of the form. A separate part must be filled out for each hazardous waste received from each off-site handler. Hazardous waste from the same off-site handler may be aggregated as long as a single form code describes the physical form or chemical composition and all of the waste is managed in a single process system (system type code).

If your site received waste from more than three off-site sources during 1997, photocopy and fill out additional copies of this form. Prior to photocopying enter the county, site name and EPA identification number in the space provided. Use the Comments section at the bottom of the form to clarify or continue any entry. Reference the comment by entering the waste number and box letter.

Refer to the Special Instructions section beginning on page 9 for instructions on reporting wastes received from CESQGs and foreign countries.

BOX A: DESCRIPTION OF HAZARDOUS WASTE

Provide a short narrative description of the waste, citing:

- General type;
- Source;
- Type of hazard; and
- Generic chemical name or primary hazardous constituents.

In the example below, note that the general type (spent solvent), source (degreaser in tool production), type of hazard (ignitability), and generic chemical names (mineral spirits and kerosene) have all been cited.

EXAMPLE: "Ignitable spent solvent used as a degreaser in tool production; mixture of mineral spirits and kerosene."

FORM WR

BOX B: EPA HAZARDOUS WASTE CODE

Enter the EPA hazardous waste code(s) that applies to the waste reported in Box A. If you need room for additional codes, list the codes in the Comments section and cross-reference the comment by entering the applicable waste number in Box B.

- *EPA Hazardous Waste Codes, page A-12.*

BOX C: OFF-SITE SOURCE EPA ID NUMBER

Enter the 12-digit EPA Identification Number of the off-site handler from which the waste was received. If the site does not have an EPA Identification Number, enter "NA" in the space provided and note the reason in the Comments section. Cross-reference the comment by noting the applicable Waste number in Box D.

> Refer to the Special Instructions section, page 9 to report wastes received from foreign countries.

BOX D: QUANTITY RECEIVED IN 1997

Report the total quantity of the hazardous waste (reported in Box A) received from the off-site source (reported in Box C) during 1997. If more than one shipment of this waste was received from the source, add the quantities and report only the sum. Report the unit of measure and density in box E.

BOX E: UOM AND DENSITY

Enter the Unit Of Measure (UOM) code for the quantity received which you reported in Box D. Report quantities in one of the units of measure listed below.

If you select a volumetric measure (gallons, liters, or cubic yards), you MUST report the density of the waste.

- *Unit of measure codes*

1	Pounds
2	Short tons (2,000 pounds)
3	Kilograms
4	Metric tonnes (1,000 kilograms)
5	Gallons
6	Liters
7	Cubic yards

> Skip to Box F if you entered code 1, 2, 3, or 4.
> Continue to Density if you entered code 5, 6, or 7.

DENSITY: Complete density only if you entered code 5, 6, or 7 as a unit of measure. Provide the density in either pounds per gallon (lbs/gal) or specific gravity (sg) and check the appropriate box to indicate which measure was used.

BOX F: WASTE FORM CODE

Review the form codes beginning on page A-49 and enter the code that best corresponds to the physical form or chemical composition of the hazardous waste reported in Box A.

- *Form Code list, page A-49*

BOX G: RCRA-RADIOACTIVE MIXED

Is the waste reported in Box A a hazardous waste mixed with nuclear source, special nuclear, or by-product material? Enter the code for the appropriate response.

- ***RCRA-radioactive mixed codes***

1 Yes
2 No

> If nuclear source, special nuclear, or by-product material (see Definitions section, page 49) as defined by the Atomic Energy Act of 1954, as amended 42 U. S. C 2011 et seq. from the Atomic Energy Act, is mixed with a RCRA hazardous waste, the material is controlled under RCRA regulation, as well as under the Atomic Energy Act (DOE, NRC, and EPA) regulations, and is to be reported in the 1997 Hazardous Waste Report.

BOX H: SYSTEM TYPE

Review the system type codes beginning on page A-55 Enter the code that best describes the process system in which the waste was managed. *(This TDR process system should be reported on a Form PS.)*

- *System Type Codes, page A-51*

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FORM PS: ON-SITE WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEM INSTRUCTIONS

WHO MUST SUBMIT THIS FORM?

Sites required to file the 1997 Hazardous Waste Report should submit a separate Form PS for each on-site hazardous waste treatment, disposal, or recycling process system that, during 1997, existed or was in the closure process.

PURPOSE OF THIS FORM

Form PS is divided into sections that document the type and utilization of a hazardous waste treatment, disposal, or recycling (TDR) process system existing, permitted, or in the closure process.

HOW TO FILL OUT THIS FORM

Complete one Form PS for each TDR process system, even if all the units in the system are exempt from RCRA permitting requirements. Waste storage is not reported on this form. Use the Comments section at the bottom of the form to clarify or continue any entry. Cross-reference the comment by entering the applicable section number and box letter.

> Refer to the Special Instructions section beginning on page 9 for instructions on reporting RCRA hazardous wastes managed in units exempt from RCRA permitting requirements.

WHAT IS A TDR PROCESS SYSTEM?

A TDR process system is one or more processes used to treat, recycle, or dispose of a hazardous waste. A process is defined as one or more units acting together to perform a single operation on hazardous waste. A unit is a single piece of equipment—e.g., one tank, one distillation column, or one surface impoundment—in which a hazardous waste is treated, disposed, or recycled.

IDENTIFICATION OF A TDR PROCESS SYSTEM

A process system begins at the unit where the hazardous waste first enters and consists of all other treatment, recycling, or disposal units downstream from the point of entry except for the following units:

- Incineration/thermal treatment;
- Underground injection;
- Landfills;
- Land treatment/application/farming;
- Surface impoundment to be closed as landfill; and
- Other disposal.

FORM PS

Each of the above processes is always to be identified as a separate process system and reported separately on its own Form PS. **Do not report storage** on this form.

Identify and report incineration and energy recovery (reuse as fuel) process systems on separate Forms PS, depending on the physical form of the waste (i.e., liquids, sludges, or solids) that they burn. For example, a rotary kiln incinerator capable of burning liquid, sludge, and solid wastes should be reported as three separate process systems, one for each different physical form of waste. Two incinerators with the same operational and regulatory status, even if different types (e.g., fluidized bed versus rotary kiln), burning the same physical form of waste, are to have their capabilities for that physical form of waste combined and reported on the same Form PS.

Classify each process system under a system type that uniquely identifies the process system by indicating the primary purpose/operation it performs. For example, a process system to remove dissolved metals from wastewater typically includes equalization, pH adjustment, chemical precipitation, flocculation, clarification/settling, and dewatering of the sludge removed from the bottom of the clarifier. The chemical precipitation process best identifies the primary purpose of the treatment system — to remove metals from the wastewater. Therefore, categorize the process system under the system type of chemical precipitation.

Report single process systems that occur in multiple units as one, aggregating their utilized and maximum operational capacities, if all units have the <u>same</u>:

- Operational status code, and
- Regulatory status code.

If the operational or regulatory status codes are different for any of the units, report that unit as a separate process system on a separate Form PS.

EXAMPLES

The following examples demonstrate process system identification.

FIGURE 1 shows a simple hazardous wastewater treatment system. Hazardous Waste (HW) can enter the three unit processes for treatment at only one point, the chemical precipitation process. Therefore, there is only one hazardous waste treatment process system. The system consists of chemical precipitation, clarification/settling, and sludge dewatering (filter press) processes. The chemical precipitation process best identifies the primary purpose of the treatment system; therefore, the process system should be categorized under chemical precipitation (system type code M077). By this method, recycled and non-hazardous waste do not affect process system identification.

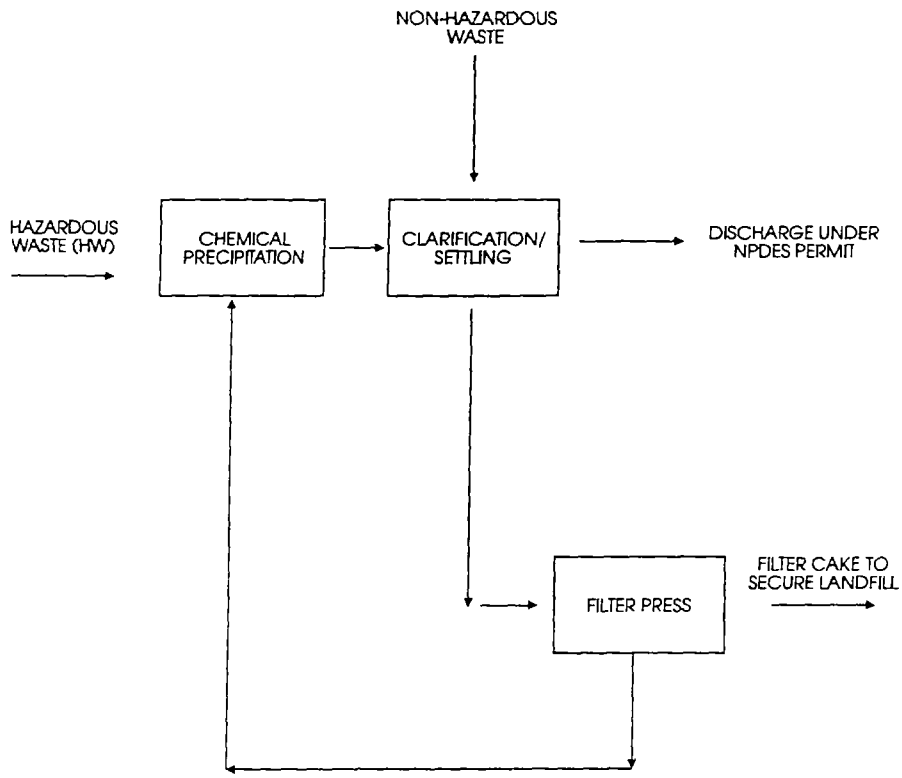


Figure 1. Flow Diagram of a Simple Process System

FIGURE 2 depicts three hazardous waste treatment systems. There are three HW entry points, each to a unit that performs a different process.

- The first waste treatment system consists of chromium reduction (A), chemical precipitation (C), clarification/settling (D), and a sludge dewatering filter press (E). The system type for this unit is chromium reduction followed by chemical precipitation (system type code M071) because the primary purpose of the process system is the treatment and removal of chromium wastes.

- The second waste treatment process system consists of a cyanide oxidation process (B), followed by chemical precipitation (C) of metals, clarification/settling (D), and dewatering in a filter press (E). The system type is cyanide oxidation followed by a chemical precipitation (system type code M074), since the primary purpose of the process system is to destroy cyanide wastes and remove metals from the same waste.

- The third treatment process system is for a general metal-containing waste consisting of chemical precipitation (C) of metals, clarification/settling (D), and sludge dewatering in a filter press (E). The system type is chemical precipitation (system type code M077).

These three process systems share some of the same unit processes and may compete for the capacity of the shared units. Competition for the capacity of a shared unit should be considered when calculating the maximum operational capacity for each process system.

If the treatment of non-hazardous waste generates a hazardous waste sludge, only the management of the sludge is reported on Form PS, and the system type falls under the category of sludge dewatering. If sludge dewatering is a unit process within a hazardous wastewater treatment system, as in the above example, the sludge dewatering is not reported on its own Form PS.

Closed-loop and totally enclosed treatment process systems do not require a Form PS. To be considered a closed-loop recovery system, a recovery unit must meet ALL of the following criteria:

- Secondary materials must be returned to the original process;
- The production process to which these secondary materials are returned must be a **primary production process**; and
- The secondary material must be returned as feedstock to the original production process and must be **recycled as part of the process.**

Additional information on closed-loop recovery can be found in the Federal Register, Volume 50, page 639, January 4, 1985.

A treatment unit is totally enclosed if it is directly connected to an industrial production process and is constructed and operated in a manner that prevents the release of any hazardous waste or any constituent into the environment during treatment.

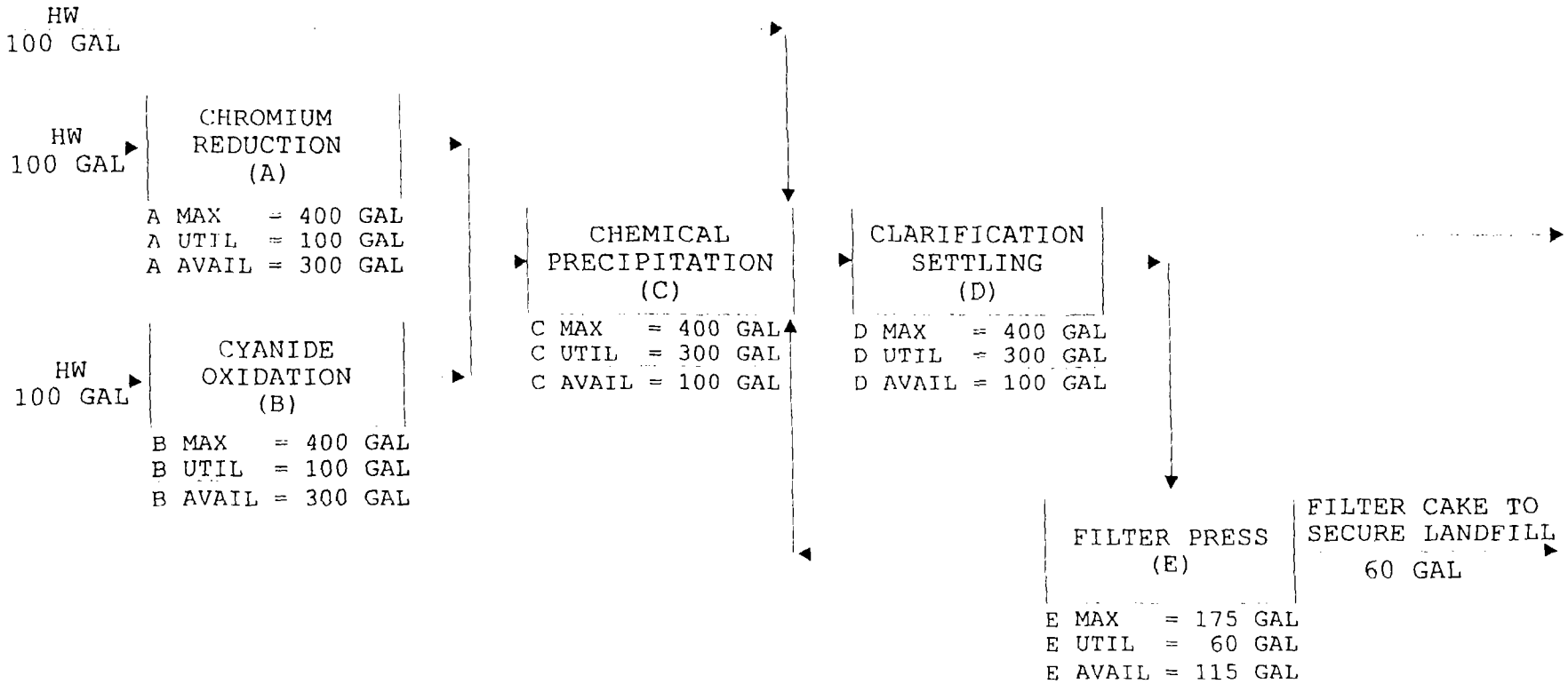


Figure 2. Flow Diagram of Three Process Systems with Unit Capabilities

FORM PS

At first glance, Figure 3 seems to show two process systems because there are two hazardous waste entry points. On closer examination, however, it can be seen that the two wastes feed into two different tanks that conduct the same process in parallel. For purposes of reporting process system capacity, these two units are considered as one process, chromium reduction followed by chemical precipitation (M071), with the utilized and maximum capacities of the "aggregated unit" equal to the sum of the utilized and maximum capacities of both units. Therefore, Figure 3 depicts only one hazardous waste treatment process system.

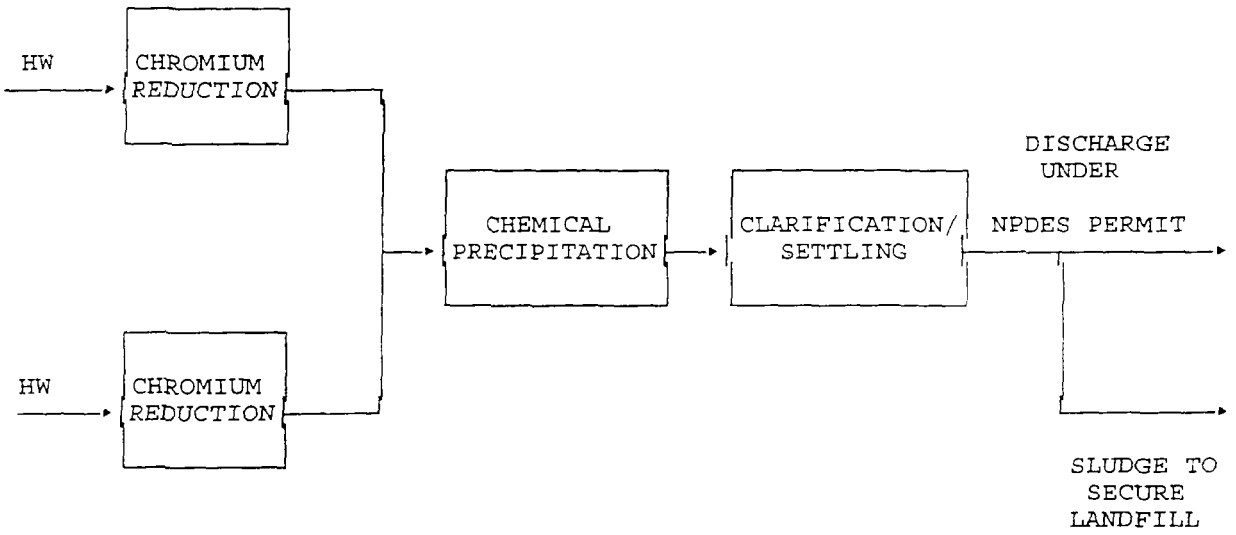


Figure 3. Flow Diagram of One Process System with Two Units Conducting the Same Process

BOX A: WASTE TREATMENT, DISPOSAL, OR RECYCLING SYSTEM DESCRIPTION

Describe the processes in this system, the types of units used to carry out the processes, and the types of wastes managed.

Examples: "Incineration of D001 waste sludge and non-hazardous refuse in two rotary kiln incinerators."

"Solvent recovery and chemical treatment in tanks."

BOX B: SYSTEM TYPE

Review the system type codes and enter the code that best describes the process system. A discussion of process system identification is provided on pages 41 through 42.

System Type Codes, page A-51

BOX C: REGULATORY STATUS

Review the codes listed below and enter the code that best describes the regulatory status of the process system during 1997.

◆ *Regulatory status codes*

01 RCRA regulated; all units are subject to RCRA permitting standards.

02 Not RCRA regulated; no units are subject to RCRA permitting standards but discharge is subject to NPDES permitting standards.

03 Not RCRA regulated; no units are subject to RCRA permitting standards and discharge is subject to POTW permit/approval.

04 Not RCRA regulated; no units are subject to RCRA permitting standards and underground injection process is subject to UIC permitting standards only.

05 Both RCRA regulated and RCRA exempt units and discharge are subject to NPDES permitting standards (can occur only in multiple process systems).

06 Both RCRA regulated and RCRA exempt units and discharge are subject to POTW permit/approval (can occur only in multiple process systems).

07 Both RCRA regulated and RCRA exempt units and the process system are subject to UIC permitting standards.

08 All units in the system are exempt from all Federal and State permitting requirements.

11 Other regulatory status (specify in Comments).

BOX D: OPERATIONAL STATUS

Enter the code below that best describes the operational status of the process system at the end of 1997.

◆ *Operational Status codes*

01 Operational (includes routine downtime for standard operating procedures, slack demand, and normal maintenance).

02 Temporarily idle (e.g., non-routine downtime such as major repair).

03 Permanently closed. For RCRA regulated process systems, permanently closed means formal RCRA closure has taken place or hazardous waste operations have ceased pending formal closure. For process systems exempt from RCRA permit requirements, permanently closed means hazardous waste operations have ceased permanently. Use only if process system operated in 1997.

04 Under construction (includes operational testing and waiting period for permit).

05 Planned but not yet under construction.

06 Other operational status (specify in Comments).

BOX E: UNIT TYPES

Review the codes listed below and enter the codes that best describe the types of units in the process system. If more than two unit types are included in the process system, use the Comments section to continue the entry, and reference Section I, Box E.

◆ *Unit type codes*

01 Tanks (includes distillation columns, filter presses, sumps, clarifiers, and other tanks).
02 Containers
03 Incinerator (e.g., rotary kiln, liquid injection, fluidized bed).
04 Industrial kiln, furnace, or boiler.
05 Waste pile.
06 Underground injection well.
07 Landfill.
08 Land application/land treatment.
09 Surface impoundment.
10 Other type of unit (specify in Comments).

BOX F: COMMERCIAL CAPACITY AVAILABILITY CODE

Review the codes listed below. Enter the code that best describes the availability of the process system for commercial hazardous waste management.

◆ *Commercial capacity availability codes*

1 Available only for management of hazardous waste generated on-site.

2 Available only to generators or facilities owned by the same company or organization.

3 Available to a limited group of generators or facilities for commercial hazardous waste management (specify limitations in the Comments section).

4 Available to any generators or facilities for commercial hazardous waste management.

BOX G: PERCENT CAPACITY COMMERCIALLY AVAILABLE

If the commercial capacity availability code reported in Box F is code 3 or 4, enter in Box G the estimated percentage of the maximum operational capacity commercially available for hazardous waste management. If you entered code 1 or 2 in Box F, enter zero (0) percent in Box G.

Calculate this entry as follows:

_____ (Amount of capacity available for commercial use) divided by

_____ (Maximum operational capacity) equals

_____ x 100 =|_|_|_|_|% **(Enter this number in Box G)**

FORM OI: OFF-SITE IDENTIFICATION INSTRUCTIONS

WHO MUST COMPLETE THIS FORM?

Sites required to file the 1997 Hazardous Waste Report must submit Form OI if the site received hazardous waste from off-site or sent hazardous waste off-site during 1997.

HOW TO COMPLETE THIS FORM

Form OI documents the names and addresses of off-site installations and transporters. It is divided into five identical parts. Fill out one part for each off-site installation to which you shipped hazardous waste, each off-site installation from which you received hazardous waste, and each transporter you used during 1997. If these off-site installations and transporters total more than five, photocopy and complete additional copies of the form. Prior to photocopying, enter the county, site name and EPA identification number in the box at the top.

Complete Boxes A through D for each off-site installation to which you shipped hazardous waste and each off-site installation from which you received hazardous waste during 1997. Complete Boxes A through C for each transporter you used during the year. (The transporter address is not required in Box D). Use the Comments section at the bottom of the form to clarify or continue any entry. Reference the comment by entering the site number and box letter.

BOX A: EPA ID NUMBER OF OFF-SITE INSTALLATION OR TRANSPORTER

Enter the 12-digit EPA ID number of the off-site installation to which you shipped hazardous waste or from which you received hazardous waste. Or, enter the EPA ID number of the transporter who shipped hazardous waste to or from your site. Each EPA ID should appear only once. If the off-site installation or transporter did not have an EPA ID number during 1997, enter "NA" in Box A and note the reason in the Comments section. For wastes shipped to or received from foreign countries, if the facility does not have an EPA identification number, enter "FC" followed by the name of the country for the EPA identification number.

BOX B: NAME OF OFF-SITE INSTALLATION OR TRANSPORTER

Enter the name of the off-site installation or transporter reported in Box A.

BOX C: HANDLER TYPE

Check all boxes that apply to the handler type of the off-site installation or transporter reported in Box A.

BOX D: ADDRESS OF OFF-SITE INSTALLATION

Enter the address of the off-site installation reported in Box A. If the EPA ID number reported in Box A refers to a transporter, enter "NA" in Box D.

FORM UO: USED OIL ACTIVITIES INSTRUCTIONS

SECTION I: AMOUNT

BOX A: QUANTITY

Enter the total quantity of used oil that was processed or re-refined during 1997. Right justify the quantity entry. Report the unit of measure (UOM) and density in Box B.

BOX B: UOM AND DENSITY

Enter the unit of measure (UOM) code for the quantity you reported in Box A. Report the quantity in one of the units of measure listed below. **If you select a volumetric measure (gallons, liters, or cubic yards), you MUST report the density of the waste.**

- *Unit of measure codes*

1	Pounds
2	Short tons (2,000 pounds)
3	Kilograms
4	Metric tonnes (1,000 kilograms)
5	Gallons
6	Liters
7	Cubic yards

SECTION II: PROCESSES

This section contains boxes for two different processes used to process or re-refine the used oil. If you need additional space, photocopy this form. Fill in the county, site name, and EPA identification number before you photocopy.

Enter a name and description for each type of process used.

HAZARDOUS WASTE HANDLER INFORMATION UPDATE FORM INSTRUCTIONS

The preprinted information on this form is the information we currently have on file for your facility. The information was obtained from either the Notification of Regulated Waste Activity form (8700-12) which was submitted by your company in order to obtain an EPA ID number, or from a letter received from your company informing us of changes. We have prepared this update form so that we can correct any outdated or incorrect information in our files. If you have determined that you are not a Large Quantity Generator or a Treatment, Storage, or Disposal facility you must return this form to our office so that we may update our records.

If there are any changes to the printed information, please write the changes in on the blank lines provided. **Do not white out or erase the preprinted information.**

EPA ID NUMBER

This is the number assigned to your facility by the Indiana Department of Environmental Management to conduct hazardous waste activity.

NAME

If the name of the company has changed, please write the new name in the blanks. Do not white out or erase the preprinted name.

If the name has changed due to a change in ownership, you will need to fill out the EPA form 8700-12, Notification of Regulated Waste Activity. Just place an X in the appropriate blank and we will send you the necessary form.

LOCATION ADDRESS

This is the address for the physical location where the hazardous waste is being generated.

If this has changed due to an address change designated by the post office, please mark the appropriate blank. If the facility has moved, you will need to fill out the EPA form 8700-12, Notification of Regulated Waste Activity. A new ID number will be assigned to your new location. Place an X in the appropriate blank and we will send you the correct form to complete.

NOTE: **The EPA ID number is site specific. If your company has moved and you are continuing to manifest hazardous waste under your old EPA ID number, you are doing so illegally. You must apply for a new EPA ID number for your new location.**

HANDLER UPDATE FORM

MAILING ADDRESS This is the address to which any correspondence should be sent.

CONTACT NAME, ADDRESS, AND PHONE

This is the name, phone number, and address of the person who should be contacted regarding hazardous waste activities at this facility. Please include any fax number or E-mail address in the comments.

OWNER NAME, ADDRESS, AND PHONE

This is the name, address, and phone number of the handler's legal owner.

NOTE: **If there has been a change in ownership, you will need to fill out the EPA form 8700-12, Notification of Regulated Waste Activity. Write the new owner's name in the appropriate blank and we will send you the necessary form. Your EPA ID number in this case will remain the same.**

COUNTY The county in which the facility generating hazardous waste is located.

HAZARDOUS WASTE ACTIVITY

This section documents the type of hazardous waste activity conducted by the facility.

DEM COLUMN This column designates all hazardous waste activities currently recorded in IDEM's records as being conducted by this handler.

1997 COLUMN You should indicate in this column what hazardous waste activities were conducted by your facility during 1997. If you were a Large Quantity Generator in any ONE MONTH in 1997, you are considered an LQG and are required to submit a Biennial report.

FUTURE COLUMN You should indicate in this column how you expect to be operating in the future. If you indicate a different activity than the one listed in our records, we will change our database to reflect your new status.

HAZARDOUS WASTE ACTIVITY CATEGORIES

Definitions of hazardous waste activities can be found on page A-57.

GENERATOR STATUS
LQG = Large Quantity Generator
SQG = Small Quantity Generator
CEG = Conditionally Exempt Generator

TRANSPORTER STATUS

S = Your facility transport hazardous waste for yourself only.
C = Your facility transports hazardous waste commercially.
X = Your facility is a transporter; but commercial status is unknown.

NOTE: *You are a Transporter only if you actually transport Hazardous Waste yourself. If you hire other companies to take your waste off-site, you are not considered a Transporter.*

TSD STATUS An X means you are listed as a treatment, storage, or disposal facility with interim status or a permit. It includes handlers who are inactive TSDs but who have not yet completed RCRA closure.

NOTE: *If you are an inactive TSD and are undergoing a RCRA closure, you will remain in our database as a TSD until you complete closure and receive a letter from IDEM stating that total RCRA closure is complete.*

POST CLOSURE STATUS An X means you are listed as having a land disposal unit with post closure activity.

NON-HANDLER

OUT OF BUSINESS

ONE-TIME GENERATOR

If you indicate that you are a non-handler of hazardous waste, are out of business, or were a one-time generator, we will deactivate your EPA ID number. You **may not** use the number for manifesting hazardous waste again until you have sent an EPA form 8700-12, "Notification of Regulated Waste Activity" to IDEM and have received confirmation that your number has been reactivated.

SIC CODES The Standard Industrial Code (SIC) describes the principal product produced or distributed by your company or the type of services rendered. Please consult the SIC codes beginning on page A-37 to find one which best describes your business activities. Enter more than one code if no one description includes the combined activities of the business.

If you cannot find codes that describe your business, just leave this blank.

COMMENTS Use this space for any additional comments.

SIGNATURE The owner, operator, or an authorized representative of your installation must sign and date this form.

HANDLER UPDATE FORM
COMMONLY ASKED QUESTIONS

- **HOW DID WE GET AN EPA ID NUMBER?**

  Your number was assigned when someone from your company submitted a Notification of Regulated Waste Activity form 8700-12 to either the U.S. EPA or to IDEM.

- **WHAT IS THE DIFFERENCE BETWEEN A SQG AND A CEG?**

  SQGs, CEGs, as well as LQGs, TSDs and Transporters are defined on page A-57.

- **WE DIDN'T GENERATE HAZARDOUS WASTE IN 1997. SHOULD WE KEEP OUR EPA ID NUMBER?**

  If you expect to generate hazardous waste in the future, you will want to keep your number. You should check fill out the Handler Update Form and record that you were a "Non-handler" in the "1997" column, but indicate in the "Future" column the status you expect to be in the future. If you do not expect to ever generate hazardous waste again, mark the "Non-handler" blank in the "Future" column and we will deactivate your EPA ID number.

  NOTE: *If we deactivate your EPA ID number, you will have to reapply for it if you need to use it again.*

- **I HAVE TWO LOCATIONS. WHY DID I RECEIVE A FORM FOR ONE LOCATION, BUT NOT THE OTHER?**

  a) If your other location is listed as a SQG or CEG, you will not receive a Hazardous Waste Biennial Report booklet. The Biennial Report is only required for Large Quantity Generators and TSDs.

  b) If your other location is listed as a LQG or TSD, you will be receiving a booklet soon.

- **WE ARE LEASING THE LAND THAT OUR COMPANY'S BUILDING IS ON. HOW DO WE INDICATE THAT ON THE HANDLER UPDATE FORM?**

  Indicate the owner of the land and the owner's phone number in the "Comments" section and explain that you are leasing the land.

- **WE ARE NORMALLY A SQG, BUT FOR ONE MONTH IN 1997 WE WERE A LQG. WHAT SHOULD WE CHECK AS OUR STATUS ON THE HANDLER UPDATE FORM?**

  Check LQG in the "1997" column and in the "Future" column check SQG. If your company acted as a large quantity generator or as a treatment, storage, or disposal facility during **ANY** month in 1997, you are required by 329 IAC 3.1 to complete a Biennial Report.

- **WE WERE A SQG SOME MONTHS AND A CEG OTHER MONTHS IN 1997. WHAT SHOULD OUR STATUS BE?**

  Your status should be what you are most of the time. However, any time that you change generator categories, you should be sure that you are following the appropriate regulations for that category.

- **WE GENERATED WASTE ONE TIME ONLY IN 1997 AND WILL NEVER GENERATE AGAIN. DO I NEED TO FILL OUT THE BIENNIAL REPORT?**

  Yes. If you were a LQG even one month in 1997, you are required to complete the Biennial Report. You should then indicate on the Handler Update Form what your status will be in the future.

  NOTE: *If you check "Non-handler" or "Out of Business" in the "Future" column, we will deactivate your EPA ID number and you will have to reapply for it if you need to use it again.*

- **I HAVE AN EPA ID NUMBER, BUT HAVE NEVER USED IT. SHOULD I KEEP IT OR REQUEST THAT IT BE DEACTIVATED?**

  You may keep the EPA ID number if you wish. Fill out the Handler Update Form and check "Non-handler" in the "1997" column and indicate your desired status in the "Future" column. If you do not expect to ever use it again, you can check the "Non-handler" column and we will deactivate the EPA ID number.

  NOTE: *If you check "Non-handler" in the "Future" column, we will deactivate your EPA ID number and you will have to reapply for it if you need to use it again.*

QUESTIONS

- **HOW DID YOU GET MY NAME AS THE CONTACT PERSON?**

  Your name was indicated as the contact person on either the Notification of Regulated Waste Activity form 8700-12 or a letter from your company.

- **WE MOVED AND GOT A NEW EPA ID NUMBER, BUT THE OLD NUMBER WAS NOT DEACTIVATED IN YOUR RECORDS. WHAT DO WE DO ABOUT THE OLD EPA ID NUMBER?**

  Please indicate this in the "Comments" section so that we can correct our records.

- **I SOLD MY BUSINESS. DO I NEED TO FILL OUT THE BIENNIAL REPORT FORM?**

  If you acted as a LQG during any month in 1997, you are required to complete the Biennial Report. You should then fill out the Handler Update Form and indicate in the "Future" column that you are "Out of business."

INSTRUCTIONS FOR FILING THE 1997 HAZARDOUS WASTE REPORT

INTRODUCTION

The instructions and forms for the 1997 Hazardous Waste Report, commonly known as the 1997 Biennial Report, are prepared by the U.S. Environmental Protection Agency (EPA) for generators and treatment, storage, and disposal (TSD) facilities to report their hazardous waste activities for 1997.

AUTHORITY

The authority for the 1997 Hazardous Waste Report is contained in Sections 3002 and 3004 of the Resource Conservation and Recovery Act of 1976, as amended by the Hazardous and Solid Waste Amendments of 1984 (HSWA). Section 3002 requires hazardous waste generators to report to EPA or authorized States, at least every two years, the quantities, nature, and disposition of generated hazardous waste. Under the authority of Section 3004, EPA requires reporting by treatment, storage, and disposal facilities for the wastes they receive.

OVERVIEW OF THE 1997 HAZARDOUS WASTE REPORT

To determine if you are required to file the Biennial Report, read **WHO MUST FILE THE 1997 HAZARDOUS WASTE REPORT** on page i. If you are not required to file the Biennial Report, return the postcard provided on the back cover to your State or Regional office (list of addresses begins on page 77).

CHANGES TO THE 1997 BIENNIAL REPORT, on page 2, summarizes the changes that have been made to the 1997 Hazardous Waste Report instructions and forms.

WHICH FORMS TO SUBMIT AND WHAT TO REPORT, on page 3, describes circumstances and situations under which each of the forms should be completed.

General guidelines for filling out the Biennial Report forms are provided on pages 3 through 6, **FILLING OUT THE FORMS**, including the telephone number for the RCRA, Superfund & EPCRA hotline, which you can call with questions on completing the Biennial Report.

WHEN AND WHERE TO FILE, on page 6, provides the filing date and details the procedures for obtaining an extension of the filing date for your site's Biennial Report. The address for the State or Region to which you should send the Biennial Report is specified beginning on page 77.

Detailed instructions for filling out each of the forms begin on page 7. Beginning on page 23, relevant code lists and other reference information are provided including the following: a list of excluded wastes; definitions of key terms; a section of special instructions that explains how to report certain types of wastes (e.g., lab packs, PCBs); lists of codes that are too long to include in the text of instructions (e.g., EPA hazardous waste codes); and a list of State and Regional office addresses and contact information.

The **1997 HAZARDOUS WASTE REPORT SUBMISSION CHECKLIST**, on the last page of this booklet, will help you determine if your submission is complete.

CHANGES TO THE 1997 BIENNIAL REPORT

Please carefully review the entire 1997 Hazardous Waste Report instructions and forms booklet. EPA has made a significant effort to clarify the instructions in numerous places. In addition, the Agency has made the following changes to the 1997 Biennial Report:

- For each hazardous wastewater managed onsite and ultimately discharged:
  - With or without prior treatment to a surface water, in accordance with an NPDES permit issued pursuant to Section 402 of the Clean Water Act; or
  - With or without pretreatment to a publicly owned treatment works (POTW), in accordance with 307(b) of the Clean Water Act: or
  - With or without prior treatment to an underground injection well, in accordance with a permit issued pursuant to the Safe Drinking Water Act,

  fill out only **one** GM form, and use only System Type codes M134 (Deepwell/underground injection), M135 (discharge to sewer/POTW), or M136 (Discharge to surface water under NPDES). *Note that the quantity reported for these System Types should be the quantity of* wastewater entering the pretreatment system, which may or may not be the quantity actually discharged to the POTW, injection well, or surface water. These codes should be the only management codes used, regardless of what treatment the wastewaters receive prior to discharge. Note that any sludges or other non-wastewaters generated from the treatment of wastewaters should still be reported if they are hazardous.

- The entire Waste Treatment, Disposal, or Recycling Process System (PS) form has been eliminated from the 1997 Biennial Report.

- The waste minimization questions have been eliminated from the Identification and Certification (IC) form and the Generation and Management (GM) form.

- All "Don't Know" responses have been eliminated from the Biennial Report. The following data elements were affected: Form IC, Section IV, Box A (Storage subject to RCRA permitting requirements); Form GM, Section I, Box G (Point of measurement) and Box I (RCRA-radioactive mixed); Form GM, Section III, Box D (Off-site availability code); and Waste Received from Off Site (WR) form, Box H (RCRA-radioactive mixed).

- Space for reporting an additional off-site facility for hazardous waste shipped off site has been added to Section III of Form GM.

- The code options for the point of measurement question (Form GM, Section I, Box G) have been revised.

- The exclusions, definitions, and special instructions have been updated. In addition, the exclusions and definitions have been modified to more closely paraphrase the Code of Federal Regulations (CFR), where applicable.

- The examples in Appendix A have been updated and clarified.

WHICH FORMS TO SUBMIT AND WHAT TO REPORT

The 1997 Hazardous Waste Report contains the following four forms:

Form IC All sites required to file the 1997 Hazardous Waste Report must submit Form IC. Instructions for Form IC begin on page 7.

Form GM A separate Form GM must be submitted for **each** RCRA hazardous waste that was:

- Generated on site and subsequently managed on site or shipped off site in 1997;
- Generated on site in 1997 but not managed on site or shipped off site until after 1997; or
- Generated on site prior to 1997 but either managed on site or shipped off site in 1997.

RCRA hazardous wastes to be reported include those that were:

- Generated on site from a production process, service activity, or routine cleanup;
- Resulted from equipment decommissioning, spill cleanup, or remedial cleanup activity;
- Shipped off site, including hazardous waste that was received from off site (reported on Form WR) and subsequently shipped off site without being treated or recycled on site;
- Derived from the management of non-hazardous waste; or
- Derived from the on-site treatment, disposal, or recycling of previously existing hazardous waste (i.e., a residual).

Radioactive wastes mixed with RCRA hazardous wastes should also be reported, as well as hazardous wastes regulated only by your State (if required by your State).

Instructions for Form GM begin on page 11.

Form WR A site required to file the 1997 Hazardous Waste Report must submit Form WR if, during 1997, it received RCRA hazardous waste from off site and managed the waste on site.

Instructions for Form WR begin on page 19.

Form OI Complete Form OI **only if your State requires it**. Instructions for Form OI are on the back of the form.

FILLING OUT THE FORMS

RCRA, SUPERFUND & EPCRA HOTLINE

To obtain assistance in filling out the 1997 Biennial Report forms, please call the EPA RCRA, Superfund & EPCRA Hotline at 1-800-424-9346 (703-412-9810 in the Washington, D.C., metropolitan area). The Hotline operates Monday through Friday from 9:00 a.m. to 6:00 p.m. (Eastern Standard Time), and is closed on Federal holidays.

In addition to calling the Hotline, you may want to contact your State or Regional office. Some States' reporting requirements differ from the Federal requirements. See pages 77 through 81 for State and Regional office addresses, contact names, and telephone numbers.

COPIES OF BIENNIAL REPORT INSTRUCTIONS AND FORMS

Additional copies of 1997 Biennial Report instructions and forms can be obtained from the contact provided for your State or Region beginning on page 77 of this booklet. If your State uses EPA's version of the instructions and forms, this information is also available on the Internet through the EPA home page at the following URL (or address):

http://www.epa.gov/epaoswer/hazwaste/data/brsforms.htm

DOCUMENTS HELPFUL IN FILLING OUT THE FORMS

To prepare the 1997 Biennial Report, you should consult your records on quantities and types of hazardous waste that your site generated, managed, shipped, or received in 1997. Some records that may be helpful are:

- Hazardous Waste Manifest forms;
- Biennial Report forms submitted in previous years;
- Records of quantities of hazardous waste generated or accumulated on site;
- Results of laboratory analyses of your wastes;
- Contracts or agreements with off-site facilities managing your wastes; and
- Copies of permits for on-site waste management systems.

SITE IDENTIFICATION LABELS

If you received pre-printed site identification labels with your 1997 Hazardous Waste Report instructions and forms booklet, please review the labels to verify that the information is accurate and mark any changes directly on the labels. Attach one label to each form in the Biennial Report. If you did not receive labels with your booklet, enter the site name and EPA Identification Number on each form in the space provided for the label (i.e., the top left-hand corner of the form). Before making copies of the forms in order to complete them, be sure that you have either attached a pre-printed label to each form or, if you did not receive labels, have entered the site's name and EPA Identification Number in the top left-hand corner of each form.

CODE LISTS

This symbol denotes references to the page numbers of relevant code lists. Please use **only** the codes included in the instructions or in the lists of codes that begin on page 39. Please minimize the use of "Other" and "Unknown" codes. If you do use an "Other" or "Unknown" code, please provide an explanation in the Comments section of the form.

SKIP INSTRUCTIONS

This symbol denotes directions to skip to the next appropriate section or box to be completed, given certain responses to some questions.

NOTES

This symbol denotes explanatory text or definitions of terms used in the instructions.

RIGHT JUSTIFICATION OF QUANTITIES

Right justify all quantities reported on the forms. For example, enter a quantity of 12,000 tons on the form as follows: |_|_|_|_|1|2|0|0|0| . |0| . Enter a quantity of 29,599.5 tons as follows: |_|_|_|_|2|9|5|9|9| |5| .

COMMENTS SECTION OF FORMS

Use the Comments section at the bottom of the forms to clarify or continue any entry. For each comment, reference the section number and box letter of the entry that is being continued. For example, if a hazardous waste generated on site has six EPA hazardous waste codes, enter the first five in Section I, Box B of Form GM. Enter the sixth waste code in the Comments section and cross-reference Section I, Box B: "Sec. I, Box B, continued: D001."

PAGE NUMBERING OF FORMS

When you have filled out all the appropriate forms in your Biennial Report submission, number the pages consecutively throughout your submission. **Do not** number each set of forms separately. The individual page number and the total number of pages in your submission should appear in the bottom right-hand corner of each page (e.g., Page 1 of 7, Page 2 of 7).

If it is necessary to continue information from one form onto another page, make additional copies of the form and number the additional pages with the same page number as the first page, followed by a letter (e.g., page 27, page 27a; page 28, page 28a, 28b). When continuing information on a supplemental page, enter only the information that is being continued.

PHOTOCOPIES OF FORMS

A single copy of each form is included in this booklet. Photocopy as many forms as you need to complete your Biennial Report. Make copies **after** you have attached the pre-printed site identification label or entered the site name and EPA Identification Number in the top left-hand corner of the form, but **before** you begin filling out the form.

After you have finished filling out the forms, photocopy the entire Biennial Report for your records.

EXAMPLE 1997 HAZARDOUS WASTE REPORT FORMS FOR HYPOTHETICAL SITES

Appendix A provides updated and improved examples of hypothetical sites that illustrate the Biennial Report forms that each site should submit and how these forms should be completed.

ELECTRONIC REPORTING

EPA encourages electronic reporting of Biennial Reports. To obtain instructions on how to file electronically, call the RCRA, Superfund & EPCRA Hotline at 1-800-424-9346 (703-412-9810 in the Washington, D.C., metropolitan area). In addition to calling the Hotline, you should contact your State or Regional office, as some States' may have different policies and procedures for electronic reporting.

CONFIDENTIAL BUSINESS INFORMATION (CBI)

You may **not** withhold information from the Administrator of EPA because it is confidential. However, when the Administrator is requested to consider information confidential, it must be treated according to EPA regulations contained in Title 40 of the CFR, Part 2, Subpart B. These regulations provide that a business may, if it desires,

assert a claim of business confidentiality covering all or part of the information furnished to EPA. 40 CFR 2.203(b) explains how to assert a claim.

The Agency will treat information covered by such a claim in accordance with the procedures set forth in Subpart B. If someone requests release of information covered by a claim of confidentiality, or if the EPA otherwise decides to make a determination as to whether such information is entitled to confidential treatment, the Agency will notify the business. EPA will not disclose information as to when a claim of confidentiality has been made except to the extent of and in accordance with 40 CFR Part 2, Subpart B. However, if the business does not claim confidentiality when it furnishes the information, EPA may make the information available to the public without notice to the business.

WHEN AND WHERE TO FILE

The 1997 Hazardous Waste Report is due to your State or Regional office by March 1, 1998. Return your completed Biennial Report to the address listed for your State or Regional contact beginning on page 77.

If you need more time to fill out the Biennial Report, send a written request to your State or Regional office before March 1, 1998 for a **site-specific extended due date**. Specify the date you are requesting, **which in no case shall be after April 1, 1998**, and the reason for the request. Attach one of the pre-printed site identification labels, if you received them. Otherwise include the site's name, location, and EPA Identification Number with your request.

IF YOU NEED ASSISTANCE

To obtain assistance in filling out the 1997 Biennial Report forms, please call the EPA RCRA, Superfund & EPCRA Hotline at 1-800-424-9346 (703-418-9810 in the Washington, D.C., metropolitan area). The Hotline operates Monday through Friday from 9:00 a.m. to 6:00 p.m. (Eastern Standard Time), and is closed on Federal holidays.

In addition to calling the Hotline, you may want to contact your State or Regional office. Some States' reporting requirements differ from the Federal requirements. See pages 77 through 81 for State and Regional office addresses, contact names, and telephone numbers.

INSTRUCTIONS FOR FILLING OUT FORM IC – IDENTIFICATION AND CERTIFICATION

WHO MUST SUBMIT THIS FORM

All sites required to file the 1997 Hazardous Waste Report must submit Form IC. See page i to determine whether you are required to file. Examples of how to fill out the form are provided in Appendix A.

PURPOSE OF THIS FORM

Form IC identifies large quantity generators (LQGs) and treatment, storage, and disposal (TSD) facilities engaging in hazardous waste generation and management activities for the reporting year. The form is divided into six sections. Sections I through III identify the site. Section IV certifies that the information reported throughout is truthful, accurate, and complete. Sections V and VI provide information as to whether you are a generator, a TSD facility, or both.

HOW TO FILL OUT THIS FORM

Please fill out all six sections. Please print or type all information. In the top left-hand corner of the first page of the form, place the pre-printed site identification label or, if you did not receive pre-printed labels, enter the site name and EPA Identification Number. On the second page of the form, enter the site's EPA Identification Number in the top right-hand corner. Use the Comments section at the end of the form to clarify any entry (e.g., "Other" responses) or to continue any entry. When entering information in the Comments section, cross-reference the section number and box letter to which the comment refers.

ITEM-BY-ITEM INSTRUCTIONS

Section I: Site Name and Location Address
Fill out Boxes A through H. Check the box "Same as label" if the address information provided on a pre-printed label is correct. In Box B, enter the county, borough, or parish in which the site is located, unless that information is present and correct on any label provided.

In Box D, check "Yes" or "No" to indicate whether the site/company name associated with this EPA Identification Number has changed since 1995. The EPA Identification Number is address specific and cannot be transferred to a new location.

Boxes A, C, E, F, G, and H must be filled out. Boxes B and D request non-mandatory information.

Section II: Mailing Address of Site
Check "Yes" or "No" in Box A to indicate if the site's mailing address is the same as the location address listed in Section I. If you checked "No," you must enter the site's mailing address in Boxes B through E. Boxes B, C, D, and E must be filled out. *While responding to Box A is not mandatory, providing the mailing address in Boxes B through E is required.*

☞	**Skip to Section III** if you checked "Yes" in Box A. **Continue to Box B** if you checked "No" in Box A

Section III: Contact Information
Enter the full name, title, and telephone number of the person who should be contacted if questions arise regarding the information provided in the 1997 Hazardous Waste Report submitted by your site.

Boxes A, B, and C must be filled out.

Section IV: Certification
Boxes A, B, C, and D must be filled out. **Do not** fill out this section until all required forms are present, complete, and accurate. The *1997 Hazardous Waste Report Submission Checklist at the back of this booklet is provided to* assist you. After all required forms have been completed, print or type the full name and title of the person certifying the submission, and the date. The person certifying the Biennial Report should read the certification statement and sign the form. Photocopy your submission and send to the appropriate State or Regional office (see pages 77 through 81 for the list of mailing addresses).

Section V: Generator Status
Complete Box A and follow the instructions to either fill out Box B or skip to Section VI. Box A must be filled out.

Box A: 1997 RCRA generator status
Check one box to indicate the site's RCRA hazardous waste generator status in 1997. For the purposes of the Biennial Report, generator status should be based on the Federal definition, **not** State definitions. If the site generated any quantity of RCRA hazardous waste during 1997, review the definitions of LQG, SQG, and CESQG (see explanation of codes below) to determine your generator status. Then check the appropriate box. If your site did **not** generate any quantity of RCRA hazardous waste during 1997, check "4 Non-generator" and proceed to Box B.

Code 1997 RCRA generator status

1 LQG: Large Quantity Generator
This site is a Large Quantity Generator if, in 1997, the site met **any** of the following criteria:

a) The site generated in one or more months 1,000 kg (2,200 lbs) or more of RCRA hazardous waste; **or**

b) The site generated in one or more months, or accumulated at any time, 1 kg (2.2 lbs) of RCRA acute hazardous waste; **or**

c) The site generated or accumulated at any time more than 100 kg (220 lbs) of spill cleanup material contaminated with RCRA acute hazardous waste.

2 SQG: Small Quantity Generator
This site is a Small Quantity Generator if, in 1997, the site did **all** of the following:

a) In one or more months generated more than 100 kg (220 lbs) of hazardous waste, but in no month did the site generate: (1) 1,000 kg (2,200 lbs) or more of hazardous waste; or (2) 1 kg (2.2 lbs) or more of acute hazardous waste; or (3) 100 kg (220 lbs) or more of material from the cleanup of a spillage of acute hazardous waste; **and**

b) Accumulated no more than 1 kg (2.2 lbs) of acute hazardous waste **and** no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; **and**

c) Stored its wastes in tanks or containers in a manner consistent with regulatory provisions.

OR, the site is a Small Quantity Generator if, in 1997, the site:

a) Met all other criteria for a Conditionally Exempt Small Quantity Generator (CESQG), but

b) Accumulated 1,000 kg (2,200 lbs) or more of hazardous waste.

If you are both a SQG and a TSD facility, you must complete the Biennial Report.

Code 1997 RCRA generator status (continued)

3 CESQG: Conditionally Exempt Small Quantity Generator
This site is a CESQG if, in **every month** during 1997, the site did **all** of the following:

a) Generated no more than 100 kg (220 lbs) of hazardous waste, **and** no more than 1 kg (2.2 lbs) of acute hazardous waste, **and** no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; **and**

b) Accumulated no more than 1,000 kg (2,200 lbs) of hazardous waste, **and** no more than 1 kg (2.2 lbs) of acute hazardous waste, **and** no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; **and**

c) Treated or disposed of the hazardous waste in a manner consistent with regulatory provisions (40 CFR 261.5(f)(3) and 261.5(g)(3)).

If you are both a CESQG and a TSD facility, you must complete the Biennial Report.

4 Non-generator
This site is a non-generator if it did not generate any quantity of RCRA hazardous waste during 1997. **If you are both a non-generator and a TSD facility, you must complete the Biennial Report.**

Skip to Section VI if you checked 1, 2, or 3 in Box A.
Continue to Box B if you checked 4 in Box A.

Box B: Reason for not generating
If the site did not generate RCRA hazardous waste during 1997, check as many boxes as necessary to explain the reason. The alternatives are:

Code Reason for not generating

1 Never generated: The site has never generated RCRA hazardous waste and did not do so during 1997.

2 Out of business: The site has gone out of business and did not generate hazardous waste at this location during 1997.

3 Only excluded or delisted waste: The site generated only excluded or delisted wastes not subject to RCRA Subtitle C regulation during 1997. See page 29 for definitions of excluded and delisted wastes. A partial list of excluded wastes is provided beginning on page 25.

4 Only non-hazardous waste: The site did not generate any wastes subject to RCRA Subtitle C regulation (e.g., wastes regulated as hazardous only by your State, wastes regulated as non-hazardous under RCRA Subtitle D).

5 Periodic or occasional generator: This site did not generate any RCRA hazardous waste during 1997, although it has done so in the past or will do so in the future.

6 Waste minimization activity: This site was previously a generator of RCRA hazardous waste, but did not generate any during 1997 due to an effective waste minimization program.

7 Other: This site had other reasons for not generating in 1997. Specify reason(s) in the Comments box at the bottom of the form and cross-reference Section V, Box B.

Excluded Wastes, page 25.

Section VI: On-site Waste Management Status
Boxes A and B must be filled out.

Box A: Storage subject to RCRA permitting requirements
Did the site have any on-site storage subject to RCRA permitting requirements during 1997? Select one code from the list below and record it in the space provided in Box A.

✍	**NOTE**: Short-term accumulation under the 90, 180, or 270-day rules is exempt from RCRA permitting requirements (40 CFR 262.34). If the **only** type of storage at your site was accumulation of wastes under these rules prior to shipment, answer "1-No storage subject to RCRA permitting requirements" in Box A.

Code	Storage subject to RCRA permitting requirements
1	No storage subject to RCRA permitting requirements
2	Tanks
3	Containers
4	Tanks and containers
5	Other (Specify in Comments)

Box B: Treatment, disposal, or recycling subject to RCRA permitting requirements
During 1997, was treatment, disposal, or recycling of RCRA hazardous waste conducted on site in units subject to RCRA permitting requirements? Select one code from the list below and record it in the space provided in Box B.

Code	Treatment, disposal, or recycling subject to RCRA permitting requirements
1	No, the facility did not treat, dispose, or recycle hazardous waste on site in units subject to RCRA permitting requirements during 1997, and had no plans in 1997 to develop an on-site RCRA-permitted treatment, disposal, or recycling system.
2	No, the facility did not treat, dispose, or recycle hazardous waste on site in units subject to RCRA permitting requirements during 1997, but is planning to develop an on-site RCRA-permitted treatment, disposal, or recycling system.
3	Yes, the facility treated, disposed, or recycled hazardous waste on site in units subject to RCRA permitting requirements during 1997.

INSTRUCTIONS FOR FILLING OUT FORM GM – WASTE GENERATION AND MANAGEMENT

WHO MUST SUBMIT THIS FORM

A site required to file the 1997 Hazardous Waste Report must submit Form GM if, during 1997, the site generated any quantity of RCRA hazardous waste on site, and subsequently managed the waste on site and/or shipped the waste off site for management. Fill out only **one** GM form for each hazardous wastewater managed onsite and ultimately discharged under one of the following conditions:

- With or without prior treatment to a surface water, in accordance with an NPDES permit issued pursuant to Section 402 of the Clean Water Act; or
- With or without pretreatment to a publicly owned treatment works (POTW), in accordance with 307(b) of the Clean Water Act: or
- With or without prior treatment to an underground injection well, in accordance with a permit issued pursuant to the Safe Drinking Water Act.

For these wastewaters, use only System Type codes M134 (Deepwell/underground injection), M135 (discharge to sewer/POTW), or M136 (Discharge to surface water under NPDES). Note that the quantity reported for these System Types should be the quantity of wastewater entering the pretreatment system, which may or may not be the quantity actually discharged to the POTW, injection well, or surface water. These codes should be the only management codes used, regardless of what treatment the wastewaters receive prior to discharge. Note that any sludges or other non-wastewaters generated from the treatment of wastewaters should still be reported if they are hazardous.

Examples of how to fill out the form are provided in Appendix A.

PURPOSE OF THIS FORM

Form GM summarizes on-site RCRA hazardous waste generation and management in 1997. Form GM is divided into three sections that together document the source, characteristics, and quantity of hazardous waste generated on site; the quantity of hazardous waste managed on site and the management methods; and the quantity of hazardous waste shipped off site for treatment, disposal, or recycling and the off-site management methods.

HOW TO FILL OUT THIS FORM

Make and submit a photocopy of Form GM for **each** RCRA hazardous waste that meets any of the criteria discussed below under **WASTES TO BE REPORTED**. Prior to photocopying, place the pre-printed site identification label in the top left-hand corner of the form or, if you did not receive pre-printed labels, enter the site name and EPA Identification Number in this space.

Use the Comments section at the end of the form to clarify any entry (e.g., "Other" responses) or to continue any entry. When entering information in the Comments section, cross-reference the section number and box letter to which the comment refers.

✍	**NOTE**: Refer to the Special Instructions beginning on page 35 for reporting lab packs, asbestos, PCBs, waste oils, groundwater contaminated by leachate, and RCRA-radioactive mixed wastes.

WASTES TO BE REPORTED

A separate Form GM must be submitted for **each** RCRA hazardous waste that was:

- Generated on site and subsequently managed on site or shipped off site in 1997;
- Generated on site in 1997 but not managed on site or shipped off site until after 1997; or
- Generated on site prior to 1997 but either managed on site or shipped off site in 1997.

RCRA hazardous wastes to be reported include those that were:

- Generated on site from a production process, service activity, or routine cleanup;
- Resulted from equipment decommissioning, spill cleanup, or remedial cleanup activity;
- Shipped off site, including hazardous waste that was received from off site (reported on Form WR) and subsequently shipped off site without being treated or recycled on site;
- Derived from the management of non-hazardous waste; or
- Derived from the on-site treatment, disposal, or recycling of previously existing hazardous waste (i.e., a residual).

Radioactive wastes mixed with RCRA hazardous wastes should also be reported, as well as hazardous wastes regulated only by your State (if required by your State).

Similar hazardous wastes may be combined onto one Form GM if the wastes have the same Origin code (Section I, Box E) and Form code (Section I, Box H).

ITEM-BY-ITEM INSTRUCTIONS

Section I: Waste Characteristics
Section I requests information on each RCRA hazardous waste that in 1997 was generated on site and subsequently treated, disposed, or recycled on site and/or shipped off site for management.

Boxes A and B must be filled out. The remaining boxes request non-mandatory information.

Box A: Waste description
Provide a short narrative description of the waste, citing:

- General type;
- Source;
- Type of hazard; and
- Generic chemical name or primary hazardous constituents.

Example: "Ignitable spent solvent from degreasing operation in tool production; mixture of mineral spirits and kerosene."

In the example, note that the general type (spent solvent), source (degreasing operation in tool production), type of hazard (ignitability), and generic chemical names (mineral spirits and kerosene) have all been cited.

Box B: EPA hazardous waste code
Enter the four-character EPA hazardous waste code(s) that applies to the waste reported in Box A. EPA hazardous waste codes are listed beginning on page 39. If you need room for additional codes, list the codes in the Comments section and cross-reference Section I, Box B. If fewer than five EPA hazardous waste codes are applicable, enter "NA" in the remaining spaces. If the waste is regulated only by your State, enter "NA" in Box B and report the State hazardous waste codes in Box C.

EPA Hazardous Waste Codes, page 39.

Box C: State hazardous waste code

Enter the State hazardous waste code(s) that applies to the waste reported in Box A, if:

- Your State regulates hazardous wastes not regulated as RCRA hazardous wastes, and requires these wastes to be reported in the 1997 Hazardous Waste Report; or
- Your State uses a hazardous waste code system **other** than the EPA hazardous waste codes listed on pages 39 through 60 of this booklet that applies to the waste described in Box A.

Otherwise, leave Box C blank. If you need space for additional State hazardous waste codes, list the codes in the Comments section and cross-reference Section I, Box C.

Box D: SIC code

Enter the four-digit Standard Industrial Classification (SIC) code of the overall production, distribution, or service activity of the site that generated this waste. ***Please provide the SIC code for the overall activity of the site, even if a different code better describes the specific process that generated the waste***. Therefore, you should provide the same SIC code on all of your GM forms. The SIC code list begins on page 61.

SIC Codes, page 61.

Box E: Origin code and System Type

Review the Origin codes below. Enter the code that best describes how the hazardous waste reported in Box A originated. If the waste is a hazardous residual from a hazardous waste management system, regardless of the type of that management system, report an Origin code of 5 **and** report the type of system that produced the residual in the space provided. If the hazardous waste was mixed with other materials, report the Origin code for only the hazardous waste.

Code	Origin
1	The hazardous waste was generated on site from a production process, service activity, or routine cleanup (including off-specification or spent chemicals).
2	The hazardous waste was the result of a spill cleanup, equipment decommissioning, or other remedial cleanup activity.
3	The hazardous waste was derived from the management of a non-hazardous waste.
4	The hazardous waste was received from off site and was not recycled or treated on site.
5	The hazardous waste was a residual from the on-site treatment, disposal, or recycling of a previously existing hazardous waste.

Skip to Box F if you selected Origin code 1, 2, 3, or 4.
Continue to System Type if you selected Origin code 5.

System Type

If you selected an Origin code of 5, enter the four-character System Type code that best describes the operation from which the residual was generated.

System Type Codes, page 75.

Example: The hazardous waste is incinerator ash generated as a result of on-site thermal treatment of a hazardous waste sludge in a fixed hearth. The Origin code is 5 and the System Type is M042.

Box F: Source code
Enter the Source code that best describes the production, service, or waste management process serving as the source of waste generation. If more than one Source code is needed, continue the entry in the Comments section.

Source Codes, page 71.

Box G: Point of measurement
Enter the code indicating whether the hazardous waste reported in Box A was mixed with other wastes prior to being measured or estimated.

Code	Point of measurement
1	The hazardous waste was not mixed with any other waste prior to being measured
2	The hazardous waste was measured after mixing with other hazardous wastes only
3	The hazardous waste was measured after mixing with non-hazardous wastes only
4	The hazardous waste was measured after mixing with other hazardous wastes and with non-hazardous wastes

Box H: Form code
Review the Form codes beginning on page 73 and enter the code that best corresponds to the physical form or chemical composition of the hazardous waste reported in Box A.

Form Codes, page 73.

Box I: RCRA-radioactive mixed
Is the hazardous waste reported in Box A mixed with nuclear source, special nuclear, or by-product material? Enter the code for the appropriate response.

Code	RCRA-radioactive mixed
1	Yes
2	No

NOTE: If nuclear source, special nuclear, or by-product material (see Definitions section beginning on page 29) as defined by the Atomic Energy Act of 1954, as amended by 42 U.S.C. 2011 et seq. from the Atomic Energy Act, is mixed with a RCRA hazardous waste, the material is controlled under RCRA regulation, as well as under the Atomic Energy Act (DOE, NRC, and EPA) regulations, and is to be reported in the 1997 Hazardous Waste Report.

Section II: On-site Generation and Management of Hazardous Waste During 1997
Boxes A and B must be completed. For each on-site process system, you must also report the System Type and quantity treated, disposed, or recycled on site during 1997. For each hazardous wastewater managed onsite and ultimately discharged:

- With or without prior treatment to a surface water, in accordance with an NPDES permit issued pursuant to Section 402 of the Clean Water Act; or
- With or without pretreatment to a publicly owned treatment works (POTW), in accordance with 307(b) of the Clean Water Act: or
- With or without prior treatment to an underground injection well, in accordance with a permit issued pursuant to the Safe Drinking Water Act,

use only System Type codes M134 (Deepwell/underground injection), M135 (discharge to sewer/POTW), or M136 (Discharge to surface water under NPDES). *These codes should be the only management codes used, regardless of* what treatment the wastewaters receive prior to discharge. Note that any sludges or other non-wastewaters generated from the treatment of wastewaters should still be reported if they are hazardous.

Box A: Quantity generated in 1997
Enter the total quantity of the hazardous waste described in Section I that was generated during 1997. Right justify the quantity entry. Report the UOM and density for this quantity in Box B.

Box B: UOM and Density
Enter the unit of measure (UOM) code for the quantity you reported in Box A. Report the quantity in one of the units of measure listed on the next page. ***If you select a volumetric measure (gallons, liters, or cubic yards), you must also report the density of the waste.***

Code	Unit of Measure
1	Pounds
2	Short tons (2,000 pounds)
3	Kilograms
4	Metric tonnes (1,000 kilograms)
5	Gallons
6	Liters
7	Cubic yards

☞	**Skip to Box C** if you selected code 1, 2, 3, or 4. **Continue to Density** if you selected code 5, 6, or 7.

Density
Report the density only if you entered code 5, 6, or 7 for the unit of measure. Provide the density in either pounds per gallon (lbs/gal) or specific gravity (sg) and check the appropriate box to indicate which measure was used.

Box C: Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW?
Check "Yes" or "No" to indicate if the site did any of the following to the waste reported in Box A: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW. If you checked "Yes," complete the blocks for On-site Process Systems 1 and 2. *While responding to Box C is not mandatory, providing certain information for on-site process systems is required.*

☞	**Continue to On-site Process System 1** if you checked "Yes." **Skip to Section III** if you checked "No."

On-site Process Systems 1 and 2:

On-site process system type
Enter the code that describes the type of process system (see definition on page 32) in which the waste was managed. Space is provided to report up to two different System Types. If you did not use a second on-site process system to manage the waste, enter "NA" in the space for reporting the System Type code under On-site Process System 2.

📖	System Type Codes, page 75.

The space provided for the second on-site process system should be used **only in the special case** of management of the same waste on site by more than one process system during 1997. Use the second on-site process system only when:

- A waste is managed in one process system for part of a year and in another process system for the rest of the year; or
- A waste is managed by two different process systems at the same time (i.e., management of the waste is split between different process systems).

If more than two on-site process systems meet one of the above conditions, you need not complete the entire form again. Simply attach a second copy of Form GM, leaving blank all entries except Section II, On-site Process System Type. Note in the Comments section of each page "Sec. II, on-site process system type continued on supplemental page." (Refer to page 5 for instructions on page numbering of supplemental pages.)

The space provided for the second on-site process system **should not** be used to report the following:

- The on-site management of the treatment residual generated from management of the waste by the first System Type (on-site management of treatment residuals should be reported on a separate Form GM); or
- To report treatment in a series of process units (see definition on page 32). Report only process systems, not process units.

Quantity treated, disposed, or recycled on site in 1997
Enter the quantity of hazardous waste described in Section I that was treated, disposed, or recycled by the reported on-site process system type during 1997. ***Report the quantity in the same unit of measure reported in Section II, Box B.***

Example: A firm generated 100 tons of F002 solvent waste in 1997. Eighty (80) tons were recycled for reuse in a batch distillation process system generating 5 tons of still bottoms. The remaining 20 tons were burned in an industrial boiler.

Under On-site Process System 1, the site enters the System Type code for distillation (M021) and a quantity of 80 tons. Under On-site Process System 2, the site enters the System Type code for energy recovery of liquids (M051) and a quantity of 20 tons. The 5 tons of still bottoms should be reported on a separate Form GM.

Section III: Off-site Shipment of Hazardous Waste
This section requests information on the off-site shipment of hazardous waste. **Do** report shipments of previously generated hazardous wastes stored until 1997. **Do** report waste shipped via transfer facility. Boxes B and E are required for each off-site shipment. The remaining boxes request non-mandatory information.

Space is provided to report shipments of the waste to three different off-site facilities. If the waste was shipped to less than three facilities during 1997, enter "NA" in the space provided for the EPA Identification Number for the remaining sites and leave the rest of the row blank. If the waste you reported in Section I was shipped to more than three off-site facilities during 1997, you need not complete the entire form again. Simply attach a second copy of Form GM leaving blank all entries except Section III, Boxes B, C, D, and E. Note in the Comments section of each page "Sec. III, Box B continued on supplemental page." (Refer to page 5 for instructions on page numbering of supplemental pages.)

Box A: Was any of this waste shipped off site in 1997 for treatment, disposal, or recycling?
Check "Yes" or "No" to indicate if any of the waste described in Section I was shipped off site for treatment, disposal, or recycling during 1997. *While responding to Box A is not mandatory, providing certain information for waste shipped off site is required.*

☞	**Continue to Box B** if you checked "Yes" in Box A. **This Form GM is complete** if you checked "No" in Box A.

Box B: EPA ID No. of facility waste was shipped to
Enter the 12-digit EPA Identification Number of the facility to which the waste was shipped. For wastes shipped to foreign countries, if the facility does not have an EPA Identification Number, enter "FC" followed by the name of the country for the EPA Identification Number.

Box C: System type shipped to
Review the System Type codes beginning on page 75. Enter the System Type code that best describes how the waste was initially managed at the facility reported in Box B.

📖	System Type Codes, page 75.

Box D: Off-site availability code
Enter the code that best describes the availability of the off-site facility for commercial hazardous waste management.

Code	Off-site availability
1	The off-site facility is a commercial treatment, storage, or disposal facility.
2	The off-site facility is available only to firms owned by the same company.

Box E: Total quantity shipped in 1997
Enter the total quantity of the waste shipped to the off-site facility during 1997. ***Report the quantity in the same unit of measure entered in Section II, Box B***. Shipment quantities should equal the total quantity recorded on Uniform Hazardous Waste Manifests for this site during 1997, unless there were rejections or other complications. The quantity shipped may not necessarily equal the quantity generated (e.g., because some waste is accumulated on site).

INSTRUCTIONS FOR FILLING OUT FORM WR – WASTE RECEIVED FROM OFF SITE

WHO MUST SUBMIT THIS FORM

A site required to file the 1997 Hazardous Waste Report must submit this form if, during 1997, it received RCRA hazardous waste from off site.

Examples of how to fill out the form are provided in Appendix A.

PURPOSE OF THIS FORM

Form WR identifies hazardous wastes that were received from other hazardous waste handlers and the method(s) used to manage them. Form WR is divided into three identical parts (i.e., waste blocks), labeled Waste 1, Waste 2, and Waste 3, that collect information on the quantities and characteristics of each hazardous waste received from an off-site source during 1997 and managed on site.

HOW TO FILL OUT THIS FORM

You may report waste received from more than one off-site handler on the same page of the form. A separate waste block (e.g., Waste 1) must be filled out for each hazardous waste received from each off-site handler. Hazardous waste from the same off-site handler may be aggregated as long as a single Form code describes the physical form or chemical composition and all of the waste is managed in a single process system (System Type code).

If your site received more than three RCRA hazardous wastes from off-site handlers during 1997, photocopy and fill out additional copies of this form. Prior to photocopying, place the pre-printed site identification label in the top left-hand corner of the form or, if you did not receive pre-printed labels, enter the site name and EPA Identification Number in the space provided.

Use the Comments section at the end of the form to clarify any entry (e.g., "Other" responses) or to continue any entry. When entering information in the Comments section, cross-reference the waste block and box letter to which the comment refers.

✍	**NOTE**: Refer to the Special Instructions beginning on page 35 for reporting wastes received from CESQGs and from foreign countries.

ITEM-BY-ITEM INSTRUCTIONS

For each waste reported, Boxes A, B, D, E, F, and I must be filled out. Boxes C, G, and H request non-mandatory information.

Box A: Description of hazardous waste
Provide a short narrative description of the waste, citing:

- General type;
- Source;
- Type of hazard; and
- Generic chemical name or primary hazardous constituents.

Example: "Ignitable spent solvent used as a degreaser in tool production; mixture of mineral spirits and kerosene."

In the example, note that the general type (spent solvent), source (degreaser in tool production), type of hazard (ignitability), and generic chemical names (mineral spirits and kerosene) have all been cited.

Box B: EPA hazardous waste code
Enter the EPA hazardous waste code(s) that applies to the waste reported in Box A. If you need room for additional codes, list the codes in the Comments section and cross-reference the applicable waste block number (e.g., Waste 1) and Box B. If fewer than four EPA hazardous waste codes are applicable, enter "NA" in the remaining spaces. If the waste is regulated only by your State, enter "NA" in Box B and report the State hazardous waste codes in Box C.

EPA Hazardous Waste Codes, page 39.

Box C: State hazardous waste code
Enter the State hazardous waste code(s) that applies to the waste reported in Box A, if:

- Your State regulates hazardous wastes not regulated as RCRA hazardous wastes, and requires these wastes to be reported in the 1997 Hazardous Waste Report; or
- Your State uses a hazardous waste code system **other** than the EPA hazardous waste codes listed on pages 39 through 60 of this booklet that applies to the waste described in Box A.

Otherwise, leave Box C blank. If you need space for additional State hazardous waste codes, list the codes in the Comments section and cross-reference the applicable waste block number (e.g., Waste 1) and Box C.

Box D: Off-site handler EPA ID number
Enter the 12-digit EPA Identification Number of the off-site handler from which the waste was received. If the site does not have an EPA Identification Number, enter "NA" in the space provided and note the reason in the Comments section. Cross-reference the applicable waste block number (e.g., Waste 1) and Box D.

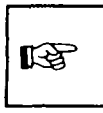
If the waste reported under Waste 2 is received from the same off-site handler as the waste reported under Waste 1, check the box to indicate that the EPA ID number is the same as the one reported in Waste 1; if *Waste 3 is received from the same off-site handler as Waste 2, check the box to indicate that the EPA ID* number is the same as the one reported under Waste 2.

NOTE: Refer to the Special Instructions beginning on page 35 for reporting wastes received from CESQGs and from foreign countries.

Box E: Quantity received in 1997
Report the total quantity of the hazardous waste reported in Box A that was received from the off-site handler reported in Box D during 1997. If more than one shipment of this waste was received from the same off-site handler, add the quantities and report only the sum. Report the unit of measure and density in Box F.

Box F: UOM and Density
Enter the unit of measure (UOM) code for the quantity you reported in Box E. Report quantities in one of the units of measure listed on the next page. ***If you select a volumetric measure (gallons, liters, or cubic yards), you must also report the density of the waste.***

Code	Unit of Measure
1	Pounds
2	Short tons (2,000 pounds)
3	Kilograms
4	Metric tonnes (1,000 kilograms)
5	Gallons
6	Liters
7	Cubic yards



Skip to Box G if you entered code 1, 2, 3, or 4.
Continue to Density if you entered code 5, 6, or 7.

Density
Complete density only if you entered code 5, 6, or 7 as a unit of measure. Provide the density in either pounds per gallon (lbs/gal) or specific gravity (sg) and check the appropriate box to indicate which measure was used.

Box G: Form code
Review the Form codes beginning on page 73 and enter the code that best corresponds to the physical form or chemical composition of the hazardous waste reported in Box A.

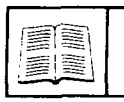
Form Codes, page 73.

Box H: RCRA-radioactive mixed
Is the hazardous waste reported in Box A mixed with nuclear source, special nuclear, or by-product material? Enter the code for the appropriate response.

Code	RCRA-radioactive mixed
1	Yes
2	No

NOTE: If nuclear source, special nuclear, or by-product material (see Definitions section beginning on page 29) as defined by the Atomic Energy Act of 1954, as amended by 42 U.S.C. 2011 et seq. from the Atomic Energy Act, is mixed with a RCRA hazardous waste, the material is controlled under RCRA regulation, as well as under the Atomic Energy Act (DOE, NRC, and EPA) regulations, and is to be reported in the 1997 Hazardous Waste Report.

Box I: System type
Enter the code that describes the type of process system (see definition on page 32) in which the waste was managed.



System Type Codes, page 75.

CODE LISTS AND OTHER REFERENCE INFORMATION

EXCLUDED WASTES

This section presents a partial listing of excluded wastes. The wastes listed here are excluded from the definition of a solid waste in 40 CFR 261.4(a) or are solid wastes excluded from the definition of a hazardous waste in §261.4(b).

Waste Category	Waste Description
Acid, Sulfuric	Spent sulfuric acid used to produce virgin sulfuric acid, unless it is accumulated speculatively as defined in 40 CFR 261.1(c).
Agriculture, Irrigation	Irrigation return flow.
Cement Kiln Dust	Cement kiln dust waste, except as provided by 40 CFR 266.112 for facilities that burn or process hazardous waste. Requirements for generators and managers of cement kiln dust, including reporting requirements, are currently being determined by EPA. Contact the RCRA, Superfund & EPCRA Hotline (see page 3 for number) for further guidance.
Chromium, Leather Tanning	A waste that is considered hazardous because it is listed due to the presence of chromium or it has failed the Toxicity Characteristic leaching procedure due only to chromium's presence, if it is shown by the waste generator that: (1) the chromium in the waste is exclusively, or nearly exclusively, trivalent chromium; (2) the waste is generated from an industrial process that uses trivalent chromium exclusively, or nearly exclusively, and the process does not generate hexavalent chromium; and (3) the waste is typically and frequently managed in non-oxidizing environments. Specific waste types that meet the exclusion are listed in 40 CFR 261.4(b)(6)(ii).
Coking By-products	EPA hazardous waste codes K060, K087, K141, K142, K143, K144, K145, K147, and K148, and any wastes from coke by-products processes that are hazardous only because they exhibit the Toxicity Characteristic specified in 40 CFR 261.24 when, subsequent to generation, these materials are recycled to coke ovens, to the tar recovery process as a feedstock to produce coal tar, or mixed with coal tar prior to the tar's sale or refining. This exclusion is conditioned on there being no land disposal of the wastes from the point they are generated to the point they are recycled to coke ovens, tar recovery, or refining processes, or are mixed with coal tar.
Condenser Residue	Non-wastewater splash condenser dross residue from the treatment of K061 in high temperature metals recovery units, provided it is shipped in drums (if shipped) and not land disposed before recovery.
Distillation Bottoms	Used oil re-refining distillation bottoms that are used as feedstock to manufacture asphalt products.
Drilling Fluid	A drilling fluid, produced water, or other waste associated with the exploration for or the development or production of crude oil, natural gas, or geothermal energy.
Emission Control Waste	Fly ash waste, bottom ash waste, slag waste, or flue gas emission control waste generated primarily from the combustion of coal or other fossil fuels, except as provided in 40 CFR 266.112 for facilities that burn or process hazardous waste.
Fertilizer	Solid waste generated from growing and harvesting of agriculture crops or raising of animals (including production of manure), where the waste is returned to the soil as a fertilizer.
Filters, Oil	Non-terne plated used oil filters that are not mixed with wastes listed in subpart D of 40 CFR Part 261 if these oil filters have been gravity hot-drained using one of the following methods: (1) puncturing the filter anti-drain back valve or the filter dome end and

EXCLUDED WASTES
(Continued)

Waste Category	Waste Description
	hot-draining; (2) hot-draining and crushing; (3) dismantling and hot-draining; or (4) any other equivalent hot-draining method that will remove used oil.
Household	Household waste, including household waste that has been collected, transported, stored, treated, disposed, recovered (e.g., refuse-derived fuel), or reused. "Household waste" means any waste material (including garbage, trash, and sanitary wastes in septic tanks) derived from households (including single and multiple residences, hotels and motels, bunkhouses, ranger stations, crew quarters, campgrounds, picnic grounds, and day use recreation areas). A resource recovery facility managing municipal solid waste shall not be deemed to be treating, storing, disposing, or otherwise managing hazardous wastes for the purposes of regulation under RCRA if that facility: (1) receives and burns only household wastes (defined above) and commercial or industrial solid waste that does not contain hazardous waste; and (2) does not accept hazardous wastes and the owner or operator of the facility has established contractual requirements or other appropriate notification or inspection procedures to assure that hazardous wastes are neither received nor burned in the facility.
***Groundwater*, Injected**	Injected groundwater that is hazardous only because it exhibits the Toxicity Characteristic (EPA hazardous waste codes D018 through D043 only) in 40 CFR 261.24. Additional details for this exclusion are provided in 40 CFR 261.4(b)(11).
Mining	Solid waste from the extraction, beneficiation, and processing of ores and minerals (including coal, phosphate rock, and overburden from the mining of uranium ore), except as provided in 40 CFR 266.112 for facilities that burn or process hazardous waste. Details on the specific wastes and activities excluded are provided in §261.4(b)(7).
Mining, *In situ*	Material subjected to in situ mining techniques that is not removed from the ground as part of the extraction process.
Mining, Overburden	Mining overburden returned to the mine site.
Nuclear	Source, special nuclear, or by-product material are defined by the Atomic Energy Act of 1954, as amended by 42 U.S.C. 2011 et seq. from the Atomic Energy Act, as follows: "Source material" means: (1) uranium, thorium, or any other material, determined by the Commission pursuant to the provisions of Section 2091 of this title, to be source material; or (2) ores containing one or more of the foregoing materials in such concentration as the Commission may by regulation determine from time to time. "Special nuclear material" means: (1) plutonium, uranium enriched in the isotope 233 or in the isotope 235, and any other material which the Commission, pursuant to the provisions of Section 2071 of this title, determines to be special nuclear material, but does not include source material; or (2) any material artificially enriched by any of the foregoing, but does not include source material. "By-product material" means: (1) any radioactive material (except special nuclear material) yielded in or made radioactive by exposure to radiation incident to the process of producing or utilizing special nuclear material; and (2) the tailings or wastes produced by the extraction or concentration of uranium or thorium from any ore processed primarily for its source material content.

Waste Category	Waste Description

	NOTE: If the material described by the above exclusion is mixed with a hazardous waste, the material is regulated under RCRA as well as under the Nuclear Regulatory Act and is to be reported in the 1997 Hazardous Waste Report.

Petroleum-contaminated Media and Debris	Petroleum-contaminated media and debris that fail the Toxicity Characteristic in 40 CFR 261.24 for EPA hazardous waste codes D018 through D043 only and are subject to the corrective action regulations under 40 CFR Part 280.
Petroleum Refining, Recovered Oil	Recovered oil from petroleum refining, exploration and production, and from transportation incident thereto, which is to be inserted into the petroleum refining process (SIC code 2911) at or before a point (other than direct insertion into a coker) where contaminants are removed. This exclusion applies to recovered oil stored or transported prior to insertion, except that the oil must not be stored in a manner involving placement on the land, and must not be accumulated speculatively, before being so recycled. "Recovered oil" is oil that has been reclaimed from secondary materials (such as wastewater) generated from normal petroleum refining, exploration and production, and transportation practices. Recovered oil includes oil that is recovered from refinery wastewater collection and treatment systems, oil recovered from oil and gas drilling operations, and oil recovered from wastes removed from crude oil storage tanks. Recovered oil does not include (among other things) oil-bearing hazardous wastes listed in 40 CFR Part 261 (e.g., K048-K052, F037, F038). However, oil recovered from such wastes may be considered recovered oil. Recovered oil also does not include used oil as defined in 40 CFR 279.1.
Pulping Liquor	Potentially recyclable pulping liquor (i.e., black liquor) that is reclaimed in a pulping liquor recovery furnace and then reused in the pulping process, unless it is accumulated speculatively as defined in 40 CFR 261.1(c).
Refrigerants	Used chlorofluorocarbon refrigerants from totally enclosed heat transfer equipment, including mobile air conditioning systems, mobile refrigeration, and commercial and industrial air conditioning and refrigeration systems that use chlorofluorocarbons as the heat transfer fluid in a refrigeration cycle, provided the refrigerant is reclaimed for further use.
Secondary Materials	Secondary materials that are reclaimed and returned to the original process or processes in which they were generated where they are reused in the production process provided: (1) only tank storage is involved and the entire process through completion of reclamation is closed by being entirely connected with pipes or other comparable enclosed means of conveyance; (2) reclamation does not involve controlled flame combustion (such as occurs in boilers, industrial furnaces, or incinerators); (3) the secondary materials are never accumulated in such tanks for over twelve months without being reclaimed; and (4) the reclaimed material is not used to produce a fuel or to produce products that are used in a manner constituting disposal.
Sewage, Domestic	Any untreated sanitary wastes that pass through a sewer system.
Sewage Mixture	Any mixture of domestic sewage and other wastes that passes through a sewer system to a publicly owned treatment works (POTW) for treatment.
Wastewater, Point Source Discharge	Industrial wastewater discharge subject to regulation under section 402 of the Clean Water Act, as amended. This exclusion applies only to the actual point source discharge. It does

EXCLUDED WASTES
(Continued)

Waste Category	Waste Description
	not exclude industrial wastewaters while they are being collected, stored, or treated before discharge, nor does it exclude sludges generated by industrial wastewater treatment.
Wood, Wood Products	Solid waste consisting of discarded arsenical-treated wood or wood products that fail the Toxicity Characteristic for EPA hazardous waste codes D004 through D017, are not considered hazardous for any other reason, and are generated by persons who utilize the arsenical-treated wood and wood products for the materials' intended end uses. Also, spent wood preserving solutions that are reclaimed and reused for their original intended purpose; and wastewaters from the wood preserving processes that have been reclaimed and are used to treat wood.

DEFINITIONS

This section contains definitions of terms helpful for completing the Biennial Report. For terms defined in the Code of Federal Regulations (CFR), the appropriate citation is provided.

Accumulation

A site that does not hold RCRA Interim Status or a RCRA permit may accumulate hazardous waste for a short period of time before shipping it off site. The waste must be accumulated in either tanks or containers; it may not be accumulated in surface impoundments.

Generators of more than 1,000 kg (2,200 lbs) of hazardous waste per month may accumulate their waste for up to 90 days before shipping it off site. Generators of 100 kg (220 lbs) to 1,000 kg (2,200 lbs) of hazardous waste per month may accumulate their waste for up to 180 days before shipping it off site. If the nearest treatment, storage, disposal, or recycling facility to which they can send their waste is more than 200 miles away, they may accumulate their waste for 270 days. See 40 CFR 262.34.

Acute Hazardous Waste

Any hazardous waste with an EPA hazardous waste code beginning with the letter "P" (40 CFR 261.33(e)) or any of the following "F" codes: F020, F021, F022, F023, F026, and F027 (40 CFR 261.31). These wastes are subject to stringent quantity standards for accumulation and generation (40 CFR 261.5(e)).

Authorized State

A State that has obtained authorization from EPA to direct its own RCRA program.

By-product Material

For purposes of the Biennial Report, a by-product material is (1) any radioactive material (except special nuclear material) yielded in or made radioactive by exposure to the radiation incident to the process of producing or utilizing special nuclear material; and (2) the tailings or wastes produced by the extraction or concentration of uranium or thorium from any ore processed primarily for its source material content (defined in the Atomic Energy Act of 1954).

Confidential Business Information (CBI)

Information a facility does not wish to make available to the general public for competitive business reasons. Confidential Business Information (CBI) may be claimed for certain information in your report. A claim may be made in accordance with 40 CFR Part 2, Subpart B.

Conditionally Exempt Small Quantity Generator (CESQG)

A CESQG is a generator that meets the following criteria:

(a) In every single month during 1997, the site generated no more than 100 kg (220 lbs) of hazardous waste, **and** no more than 1 kg (2.2 lbs) of acute hazardous waste, **and** no more than 100 kg (220 lbs) of material from the cleanup spillage of acute hazardous waste; and

(b) the site accumulated at any time during 1997 no more than 1,000 kg (2,200 lbs) of hazardous waste, **and** no more than 1 kg (2.2 lbs) of acute hazardous waste, **and** no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; and

© the site treated or disposed of the hazardous waste in a manner consistent with regulatory provisions.

Code of Federal Regulations (CFR)

Codification of the general and permanent rules published in the Federal Register by the Executive departments and agencies of the Federal Government. The Code is divided into 50 titles which represent broad areas subject to Federal regulation. Each title is divided into chapters that usually bear the name of the

issuing agency. Each chapter is further subdivided into parts covering specific regulatory areas. The CFR title applicable for the Biennial Report is "40," as in "40 CFR 262.34."

Delisted Wastes

Site-specific wastes excluded from reporting under 40 CFR 260.20 and 260.22. A waste at a particular generating site may be excluded by petitioning the EPA Administrator for a regulatory amendment. These wastes are listed in Appendix IX of 40 CFR Part 261.

Disposal

As defined in 40 CFR 260.10, the discharge, deposit, injection, dumping, spilling, leaking, or placing of any solid waste or hazardous waste into or on any land or water so that such solid waste or hazardous waste or any constituent thereof may enter the environment or be emitted into the air or discharged into any waters, including ground waters. For purposes of the Biennial Report, disposal generally refers to the hazardous waste management methods defined by System Type codes M131 through M134, and M137.

Environmental Protection Agency (EPA)

EPA, also called U.S. EPA, means the United States Environmental Protection Agency. Some State environmental authorities may be called EPA also, as in "Illinois EPA."

EPA Identification Number

A 12-character number assigned by EPA to each generator, transporter, and treatment, disposal, or storage facility (40 CFR 260.10). Facilities that are not generators, but that anticipate generation activities may also apply for and receive an EPA Identification Number. The first two characters are the two-letter abbreviation for the State in which the site is physically located. The third character can be either alphabetical or numeric. The remaining nine characters are always numeric.

Excluded Wastes

Wastes exempted from regulation under 40 CFR 261.3 and 261.4. See page 25 for a partial listing.

Facility

As defined in 40 CFR 260.10, all contiguous land, and structures, other appurtences, and improvements on the land, used for treating, storing, or disposing of hazardous waste. A facility may consist of several treatment, storage, or disposal units (e.g., one or more landfills, surface impoundments, or combinations of them).

Generator

Any person, by site, whose act or process produces hazardous waste identified in 40 CFR Part 261 or whose act first causes a hazardous waste to become subject to regulation (40 CFR 260.10). See also the definitions for conditionally exempt small quantity generator, large quantity generator, and small quantity generator.

Handler

A generator, transfer facility, TSD facility, or other entity that handles hazardous waste.

Hazardous Waste

Solid waste that possesses at least one of four hazardous characteristics (ignitability, corrosivity, reactivity, and toxicity) or appears on special EPA lists. A hazardous waste is regulated under Subtitle C of RCRA. The regulatory definition of hazardous waste is found in 40 CFR 261.3.

Hazardous Waste Number or Code, EPA

The number (or code) assigned by EPA to each hazardous waste listed in 40 CFR Part 261, Subpart D and to each characteristic identified in 40 CFR Part

261, Subpart C. The codes consist of one letter (D, F, P, U, or K) and three numbers. The list of EPA hazardous waste codes begins on page 39.

Incineration

Burning of certain types of solid, liquid, or gaseous materials; or a treatment technology involving destruction of waste by controlled burning at high temperatures (e.g., burning sludge to remove the water and reduce the remaining residues to a safe, non-burnable ash that can be disposed safely on land, in some waters, or in underground locations).

Interim (Permit) Status

Period during which the owner/operator of an existing TSD facility is treated as having been issued a RCRA permit even though he/she has not yet received a final determination. An existing facility should have automatically qualified for interim status if the owner/operator filed both timely "notification" and the first part (Part A) of the RCRA permit application. Interim status continues until a final determination is made to issue or deny the permit. Owners/operators of new facilities cannot by definition qualify for interim status; rather, they need a RCRA permit prior to beginning construction of a hazardous waste management facility.

Large Quantity Generator (LQG)

A site is an LQG if it met **any** of the following criteria during the year:

(a) The site generated in one or more months 1,000 kg (2,200 lbs) or more of RCRA hazardous waste; **or**

(b) the site generated in one or more months, or accumulated at any time, 1 kg (2.2 lbs) of RCRA acute hazardous waste; **or**

© the site generated or accumulated at any time more than 100 kg (220 lbs) of spill cleanup material contaminated with RCRA acute hazardous waste.

RCRA hazardous wastes managed in systems regulated under the Clean Water Act or the Safe Drinking Water Act, or wastes that are recycled or reclaimed, or wastes regulated only by your State are not to be counted in determining whether a site is a LQG.

Management, or Hazardous Waste Management

Systematic control of the collection, source separation, storage, transportation, processing, treatment, recovery, or disposal of hazardous waste (40 CFR 260.10).

Manifest, Uniform Hazardous Waste

The shipped document EPA form 8700-22 and, if necessary, Form 8700-22A, originated and signed by a generator in accordance with the instructions included in the appendix to 40 CFR Part 262. The "cradle-to-grave" paperwork must accompany a shipment of hazardous waste as it moves from the generator to the transporter and eventually to the hazardous waste management facility.

Off-site Facility

A hazardous waste treatment, storage, disposal, or recycling area located at a place away from the generating site.

On-site Facility

A hazardous waste treatment, storage, disposal, or recycling area located on the generating site.

Operator

Person responsible for the overall operation of a facility (40 CFR 260.10).

Owner

Person who owns a facility or part of a facility (40 CFR 260.10).

Process System

For purposes of the Biennial Report, a process system refers to one or more units used together to treat, recover, or dispose a hazardous waste. The process system begins at the unit where the hazardous waste first enters and consists of all other treatment, recovery, or disposal units downstream from the point of entry. Note that storage is **not** considered a process system.

Classify each process system with a System Type code that best identifies the primary purpose/operation it performs. For example, a process system to remove dissolved metals from wastewater typically includes equalization, pH adjustment, chemical precipitation, flocculation, clarification/settling, and dewatering of the sludge removed from the bottom of the clarifier. The chemical precipitation process best identifies the primary purpose of this treatment system – to remove metals from the wastewater. Therefore, categorize the process system under the System Type of chemical precipitation (M077). A listing of System Type codes begins on page 75.

Process Unit

For purposes of the Biennial Report, a process unit refers to a single type of treatment (e.g., tank, distillation column, surface impoundment) in which hazardous waste is treated, disposed, or recycled.

Resource Conservation and Recovery Act (RCRA)

The Solid Waste Disposal Act as amended by the Resource Conservation and Recovery Act (RCRA) (40 CFR 270.2). It is the Federal statute that regulates the generation, treatment, storage, disposal, recycling, and/or transportation of solid and hazardous waste.

RCRA Interim (Permit) Status

Refer to "Interim (Permit) Status" definition on page 31.

RCRA Permit

A complete RCRA permit is comprised of an operating permit for hazardous waste treatment, storage, and disposal, and a corrective action permit addressing releases from solid waste management unit (SWMUs). To apply for a permit, a site must file a two-part application (Part A and Part B). A facility is not considered to have a complete RCRA permit until both parts have been issued.

Recycling

Use, reuse, or reclamation of a material (40 CFR 261.1(c)(7)). "Reclamation" is the processing or regeneration of a material to recover a usable product (e.g., recovery of lead values from spent batteries, regeneration of spent solvents) (40 CFR 261.1(c)(4)). A material is "used or reused" if it is either: (1) employed as an ingredient (including use as an intermediate) in an industrial process to make a product (e.g., distillation bottoms from one process used as feedstock in another process) (40 CFR 261.1(c)(5)). However, a material will not satisfy this condition if distinct components of the material are recovered as separate end products (as when metals are recovered from metal-containing secondary materials); or (2) employed in a particular function or application as an effective substitute for a commercial product (e.g., spent pickle liquor used as phosphorous precipitant and sludge conditioner in wastewater treatment).

Residual

A hazardous waste derived from the treatment, disposal, or recycling of a previously existing hazardous waste (e.g., the sludge remaining after initial wastewater treatment).

Site

For purposes of the Biennial Report, any holder of an EPA Identification Number. A site may be a generator, a transfer facility, a TSD facility, or a

combination of the three, or a non-regulated facility that, even though it is not required to, has requested and received an EPA Identification Number.

Sludge

Any solid, semi-solid, or liquid waste generated from a municipal, commercial, or industrial wastewater treatment plant, water supply treatment plant, or air pollution control facility exclusive of the treated effluent from a wastewater treatment plant (40 CFR 260.10).

Small Quantity Generator (SQG)

An SQG is defined by **all** the following criteria:

(a) In one or more months of the year the site generated more than 100 kg (220 lbs) of hazardous waste, but in no month did the site generate: (1) 1,000 kg (2,200 lbs) or more of hazardous waste, or (2) 1 kg (2.2 lbs) or more of acute hazardous waste, or (3) 100 kg (220 lbs) or more of material from the cleanup of a spillage of acute hazardous waste; and

(b) the site accumulated at any time during the year no more than 1 kg (2.2 lbs) of acute hazardous waste and no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; and

(c) the site stored its wastes in tanks or containers in a manner consistent with regulatory provisions.

OR, the site is a Small Quantity Generator if during the year:

(a) The site met all other criteria for a Conditionally Exempt Small Quantity Generator (CESQG), but

(b) the site accumulated 1,000 kg (2,200 lbs) or more of hazardous waste.

Solid Waste

Any garbage, refuse, or sludge, or other materials not excluded under 40 CFR 261.4(a). Exclusions include domestic sewage and any mixture of other wastes that pass through a sewer system to a publicly owned treatment works (POTWs); industrial wastewater discharges that are point source discharges subject to regulation under the Clean Water Act; irrigation return flows; nuclear materials defined by the Atomic Energy Act; and in situ mining materials (see also page 25). Wastewaters being collected, stored, or treated before discharge and sludges generated by wastewater treatment are not excluded. EPA defines hazardous waste as a subset of solid waste.

Source Material

As defined by the Atomic Energy Act of 1954: (1) Uranium, thorium, or any other material determined by the Commission pursuant to the provisions of Section 2091 of this title to be source material; or (2) ores containing one or more of the foregoing materials in such concentration as the Commission may by regulation determine from time to time.

Special Nuclear Material

As defined by the Atomic Energy Act of 1954: (1) plutonium, uranium enriched in the isotope 233 or in the isotope 235, and any other material which the Commission, pursuant to the provisions of Section 2071 of this title, determines to be special nuclear material, but does not include source material; or (2) any material artificially enriched by any of the foregoing, but does not include source material.

DEFINITIONS
(Continued)

Standard Industrial Classification (SIC) Code	A four-digit coding system, developed by the Census Bureau and the Office of Management and Budget (OMB), that categorizes the principal product or group of products produced or distributed, or services rendered, at a site's physical location.
Storage	Temporary holding of hazardous waste until it is treated, disposed, or stored elsewhere (40 CFR 260.10). Storage methods include containers, tanks, and surface impoundments.
Superfund	The program operated under the legislative authority of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and Superfund Amendment Reauthorization Act (SARA) that funds and carries out the solid waste emergency response and long-term remedial activities of EPA.
Surface Impoundment	A natural topographic depression, man-made excavation, or diked area formed primarily from earthen materials (though it may be lined with man-made materials) that is designed to accumulate liquid wastes or wastes containing free liquids, and that is not an injection well (40 CFR 260.10).
Transfer Facility	Any transportation related facility including loading docks, parking areas, storage areas, and other similar areas where shipments of hazardous waste are held during the normal course of transportation (40 CFR 260.10).
Transporter	A person that transports hazardous waste off site, by air, rail, road, or water (40 CFR 260.10). Transporters must comply with 40 CFR Part 263.
Treatment	Any method, technique, or process, including neutralization, designed to: (1) change the physical, chemical, or biological character or composition of any hazardous waste so as to neutralize such waste; (2) recover energy or material resources from the waste; or (3) render such waste non-hazardous or less hazardous, safer to transport, store, or dispose, or amenable to recovery, storage, or reduction in volume (40 CFR 260.10).
Treatment, Storage, and Disposal (TSD) Facility	A facility that treats, stores, or disposes hazardous waste.
Unit	Refer to "Process Unit" definition on page 32.

SPECIAL INSTRUCTIONS

These instructions explain how to complete the 1997 Hazardous Waste Report for wastes and waste handlers with unique regulatory or reporting requirements.

Asbestos, PCBs, waste oils

In most cases, **do not** report asbestos, PCBs, and waste oils. However, you **must** report them **if any** of the following conditions exist:

(1) If your State specifically requires that these wastes be reported;

(2) If a listed RCRA hazardous waste (i.e., EPA hazardous waste code that begins with "F," "K," "P," or "U") is mixed with asbestos, PCBs, or waste oil, in which case the entire mixture is a hazardous waste; or

(3) If the waste possesses one or more of the characteristics that result in assigning an EPA hazardous waste code beginning with "D."

Do not report "used oil that exhibits one or more of the characteristics of hazardous waste (criterion 3 above) but is recycled in some other manner than being burned for energy recovery" (40 CFR 261.6 (a)(3)(iii)). **Do** report it if the waste oil is burned or disposed.

Lab packs

The following rules apply to the reporting of lab pack wastes in the 1997 Hazardous Waste Report:

(1) You may aggregate lab pack waste containers in most cases. However, you must report them as separate wastes under the following conditions:

- If they contain **RCRA acute hazardous wastes** (i.e., EPA hazardous waste codes F020, F021, F022, F023, F026, F027, and all "P" waste codes). Report separately from lab packs containing other RCRA hazardous wastes (all other EPA hazardous waste codes).

- If they are managed differently from each other. For example, report lab packs shipped to landfills separately from those incinerated.

(2) Enter a form code (see page 73) indicating lab packs (i.e., B001, B002, B003, B004, or B009) in Section I, Box H of Form GM, or Box G of Form WR. These Form codes are to be used with any lab pack, whether the wastes are gaseous, liquid, solid, or sludge.

(3) It is **not** necessary to report every EPA hazardous waste code included in a batch of lab packs. Record one, or a few predominant, EPA hazardous waste codes in Section I, Box B of Form GM, or Box B of Form WR. If there are many EPA hazardous waste codes associated with the batch of lab packs, enter "LABP" in the first four-character field in Section I, Box B of Form GM, or Box B of Form WR; then enter "NA" in the remaining spaces for EPA hazardous waste codes.

(4) When reporting quantities for lab packs:

- **Include** the weight of the containers if they are disposed (e.g., landfilled) or treated (e.g., incinerated) with the waste.

- **Exclude** the weight of the containers if the waste is removed from the containers before treatment or disposal.

(5) Origin codes for lab packs vary depending on the situation. Review the Origin codes carefully (see page 13) to determine which is most appropriate in your case.

Groundwater contaminated by leachate

Groundwater contaminated by RCRA hazardous waste leachate is not considered a solid waste and is, therefore, not classified as a hazardous waste. However, because hazardous waste is "contained in" the groundwater, it must be treated "as if" it were a RCRA hazardous waste. When reporting groundwater contaminated by leachate in the 1997 Hazardous Waste Report, observe the following conventions:

(1) **Do not** report generation quantities for contaminated groundwater. Enter "NA" in Form GM, Section II, Box A. Explain in the Comments section that it is groundwater, not a hazardous waste, that was generated on site.

(2) **Do** report quantities managed on site (Form GM, Section II, On-site Process Systems 1 and 2); quantities shipped off site for management (Form GM, Section III); and quantities received from off site and managed on site (Form WR, Box E).

RCRA-radioactive mixed wastes

By themselves, source material, special nuclear material, or by-product materials (See Definitions section beginning on page 29), as defined by the Atomic Energy Act of 1954 and amended by 42 U.S.C. 2011 et. seq., are not classified as hazardous wastes under RCRA. However, if these materials are mixed with a RCRA hazardous waste, the material is controlled under RCRA regulation, as well as under the Atomic Energy Act (DOE, NRC, and EPA) regulations, and is to be reported in the 1997 Hazardous Waste Report.

Wastes received from Conditionally Exempt Small Quantity Generators (CESQGs)

Waste management facilities sometimes receive hazardous wastes from large numbers of Conditionally Exempt Small Quantity Generators (CESQGs) or other handlers that do not have RCRA EPA Identification Numbers. To minimize the response burden for filling out the WR form for these wastes, you may aggregate the wastes across generating sites, in accordance with the following guidelines:

(1) All the wastes must have the same EPA hazardous waste code (Box B), State hazardous waste code (Box C), Form code (Box G), RCRA-radioactive mixed code (Box H), and System Type code (Box I).

(2) Wastes received from different States must be reported separately. For the off-site handler EPA ID number (Box D), the entry should include the two letter postal code of the originating State, followed by the letters "CESQG."

For example, wastes received from several CESQGs in the State of Alaska (AK) that share a common EPA hazardous waste code, State hazardous waste code, Form code, RCRA-radioactive mixed code, and System Type code could be aggregated in a single waste block of Form WR (e.g., Waste 1). In Box D, the off-site handler EPA ID number is entered as "AKCESQG."

Wastes received from foreign countries

Report on Form WR all wastes received by your facility from a foreign site that were managed on site. If the foreign site has an EPA Identification (ID) Number, report receipts from that site just as you would report receipts from a domestic site. If the site does not have an EPA ID Number, report the code "FC" for foreign country followed by the name of the country in the space for

the EPA ID number. Report on Form OI the name and address of all foreign generators, if this form is required by your State.

EPA HAZARDOUS WASTE CODES

Code	Waste description
CHARACTERISTICS OF HAZARDOUS WASTE *(SEE 40 CFR 261.24)*	
D001	Ignitable waste
D002	Corrosive waste
D003	Reactive waste
D004	Arsenic
D005	Barium
D006	Cadmium
D007	Chromium
D008	Lead
D009	Mercury
D010	Selenium
D011	Silver
D012	Endrin
D013	Lindane
D014	Methoxychlor
D015	Toxaphene
D016	2,4-D
D017	2,4,5-TP Silvex
D018	Benzene
D019	Carbon tetrachloride
D020	Chlordane
D021	Chlorobenzene
D022	Chloroform
D023	o-Cresol
D024	m-Cresol
D025	p-Cresol
D026	Cresol
D027	1,4-Dichlorobenzene
D028	1,2-Dichloroethane
D029	1,1-Dichloroethylene
D030	2,4-Dinitrotoluene
D031	Heptachlor (and its epoxide)
D032	Hexachlorobenzene
D033	Hexachlorobutadiene
D034	Hexachloroethane
D035	Methyl ethyl ketone
D036	Nitrobenzene
D037	Pentachlorophenol
D038	Pyridine
D039	Tetrachloroethylene
D040	Trichlorethylene
D041	2,4,5-Trichlorophenol
D042	2,4,6-Trichlorophenol
D043	Vinyl chloride
HAZARDOUS WASTE FROM NONSPECIFIC SOURCES *(SEE 40 CFR 261.31)*	
F001	The following spent halogenated solvents used in degreasing: tetrachloroethylene, trichlorethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
F002	The following spent halogenated solvents: tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2, trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F001, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F003	The following spent non-halogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/ blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F004	The following spent nonhalogenated solvents: cresols, cresylic acid, and nitrobenzene; and the still bottoms from the recovery of these solvents; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F005	The following spent nonhalogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F006	Wastewater treatment sludges from electroplating operations except from the following processes: (1) sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc, and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum.
F007	Spent cyanide plating bath solutions from electroplating operations.
F008	Plating bath residues from the bottom of plating baths from electroplating operations in which cyanides are used in the process.
F009	Spent stripping and cleaning bath solutions from electroplating operations in which cyanides are used in the process.
F010	Quenching bath residues from oil baths from metal heat treating operations in which cyanides are used in the process.
F011	Spent cyanide solutions from slat bath pot cleaning from metal heat treating operations.
F012	Quenching wastewater treatment sludges from metal heat treating operations in which cyanides are used in the process.
F019	Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.
F020	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- or tetrachlorophenol or of intermediates used to produce their pesticide derivatives. (This

Code	Waste description
	listing does not include wastes from the production of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
F021	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol, or of intermediates used to produce derivatives.
F022	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions.
F023	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
F024	Process wastes including, but not limited to, distillation residues, heavy ends, tars, and reactor clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludge, spent catalysts, and wastes listed in Sections 261.31, or 261.32.)
F025	Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one, to and including five, with varying amounts and positions of chlorine substitution.
F026	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzene under alkaline conditions.
F027	Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component.)
F028	Residues resulting from the incineration or thermal treatment of soil contaminated with EPA hazardous waste nos. F020, F021, F022, F023, F026, and F027.
F032	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that currently use, or have previously used, chlorophenolic formulations [except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with Section 261.35 (i.e., the newly promulgated equipment cleaning or replacement standards), and where the generator does not resume or initiate use of chlorophenolic formulations]. (This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.)
F034	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
	preserving processes that use creosote and/or pentachlorophenol.
F035	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.
F037	Petroleum refinery primary oil/water/solids separation sludge - Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited to, those generated in oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and storm water units receiving dry weather flow. Sludges generated in storm water units that do not receive dry weather flow, sludges generated in aggressive biological treatment units as defined in Section 261.31(b)(2)(including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units), and K051 wastes are exempted from this listing.
F038	Petroleum refinery secondary (emulsified) oil/water/solids separation sludge - Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated in aggressive biological treatment units as defined in Section 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units), and F037, K048, and K051 wastes are exempted from this listing.
F039	Leachate resulting from the treatment, storage, or disposal of wastes classified by more than one waste code under Subpart D, or from a mixture of wastes classified under Subparts C and D of this part. (Leachate resulting from the management of one or more of the following EPA Hazardous Wastes and no other hazardous wastes retains its hazardous waste code(s): F020, F021, F022, F023, F026, F027, and/or F028.)

HAZARDOUS WASTE FROM SPECIFIC SOURCES *(SEE 40 CFR 261.32)*

Code	Waste description
K001	Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.
K002	Wastewater treatment sludge from the production of chrome yellow and orange pigments.
K003	Wastewater treatment sludge from the production of molybdate orange pigments.
K004	Wastewater treatment sludge from the production of zinc yellow pigments.
K005	Wastewater treatment sludge from the production of chrome green pigments.
K006	Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated).
K007	Wastewater treatment sludge from the production of iron blue pigments.
K008	Oven residue from the production of chrome oxide green pigments.
K009	Distillation bottoms from the production of acetaldehyde from ethylene.
K010	Distillation side cuts from the production of acetaldehyde from ethylene.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
K011	Bottom stream from the wastewater stripper in the production of acrylonitrile.
K013	Bottom stream from the acetonitrile column in the production of acrylonitrile.
K014	Bottoms from the acetonitrile purification column in the production of acrylonitrile.
K015	Still bottoms from the distillation of benzyl chloride.
K016	Heavy ends or distillation residues from the production of carbon tetrachloride.
K017	Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.
K018	Heavy ends from the fractionation column in ethyl chloride production.
K019	Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.
K020	Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.
K021	Aqueous spent antimony catalyst waste from fluoromethane production.
K022	Distillation bottom tars from the production of phenol/acetone from cumene.
K023	Distillation light ends from the production of phthalic anhydride from naphthalene.
K024	Distillation bottoms from the production of phthalic anhydride from naphthalene.
K025	Distillation bottoms from the production of nitrobenzene by the nitration of benzene.
K026	Stripping still tails from the production of methyl ethyl pyridines.
K027	Centrifuge and distillation residues from toluene diisocyanate production.
K028	Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.
K029	Waste from the product steam stripper in the production of 1,1,1-trichloroethane.
K030	Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene.
K031	By-product salts generated in the production of MSMA and cacodylic acid.
K032	Wastewater treatment sludge from the production of chlordane.
K033	Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane.
K034	Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane.
K035	Wastewater treatment sludges generated in the production of creosote.
K036	Still bottoms from toluene reclamation distillation in the production of disulfoton.
K037	Wastewater treatment sludges from the production of disulfoton.
K038	Wastewater from the washing and stripping of phorate production.
K039	Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate.
K040	Wastewater treatment sludge from the production of phorate.
K041	Wastewater treatment sludge from the production of toxaphene.
K042	Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T.
K043	2,6-dichlorophenol waste from the production of 2,4-D.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
K044	Wastewater treatment sludges from the manufacturing and processing of explosives.
K045	Spent carbon from the treatment of wastewater containing explosives.
K046	Wastewater treatment sludges from the manufacturing, formulation, and loading of lead-based initiating compounds.
K047	Pink/red water from TNT operations.
K048	Dissolved air flotation (DAF) float from the petroleum refining industry.
K049	Slop oil emulsion solids from the petroleum refining industry.
K050	Heat exchanger bundle cleaning sludge from the petroleum refining industry.
K051	API separator sludge from the petroleum refining industry.
K052	Tank bottoms (leaded) from the petroleum refining industry.
K060	Ammonia still lime sludge from coking operations.
K061	Emission control dust/sludge from the primary production of steel in electric furnaces.
K062	Spent pickle liquor from steel finishing operations of plants that produce iron or steel.
K064	Acid plant blowdown slurry/sludge resulting from the thickening of blowdown slurry from primary copper production.
K065	Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities.
K066	Sludge from treatment of process wastewater and/or acid plant blowdown from primary zinc production.
K069	Emission control dust/sludge from secondary lead smelting.
K071	Brine purification muds from the mercury cell process in chlorine production, in which separately prepurified brine is not used.
K073	Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production.
K083	Distillation bottoms from aniline production.
K084	Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K085	Distillation or fractionation column bottoms from the production of chlorobenzenes.
K086	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.
K087	Decanter tank tar sludge from coking operations.
K088	Spent potliners from primary aluminum reduction.
K090	Emission control dust or sludge from ferrochromiumsilicon production.
K091	Emission control dust or sludge from ferrochromium production.
K093	Distillation light ends from the production of phthalic anhydride from ortho-xylene.
K094	Distillation bottoms from the production of phthalic anhydride from ortho-xylene.
K095	Distillation bottoms from the production of 1,1,1-trichloroethane.
K096	Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.

Code	Waste description
K097	Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.
K098	Untreated process wastewater from the production of toxaphene.
K099	Untreated wastewater from the production of 2,4-D.
K100	Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.
K101	Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K102	Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K103	Process residues from aniline extraction from the production of aniline.
K104	Combined wastewaters generated from nitrobenzene/aniline production.
K105	Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.
K106	Wastewater treatment sludge from the mercury cell process in chlorine production.
K107	Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.
K108	Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K109	Spent filter cartridges from product purification from the product of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K110	Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K111	Product washwaters from the production of dinitrotoluene via nitration of toluene.
K112	Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.
K113	Condensed liquid light ends from purification of toluenediamine in production of toluenediamine via hydrogenation of dinitrotoluene.
K114	Vicinals from the purification of toluenediamine in production of toluenediamine via hydrogenation of dinitrotoluene.
K115	Heavy ends from purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.
K116	Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.
K117	Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.
K118	Spent adsorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
K123	Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenebisdithiocarbamic acid and its salts.
K124	Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts.

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
K125	Filtration, evaporation, and centrifugation solids from the production of ethylenebisdithiocarbamic acid and its salts.
K126	Baghouse dust and floor sweepings in milling and packaging operations from production or formulation of ethylenebisdithiocarbamic acid and its salts.
K131	Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of methyl bromide.
K132	Spent absorbent and wastewater separator solids from the production of methyl bromide.
K136	Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
K141	Process residues from the recovery of coal tar, including, but not limited to, tar collecting sump residues from the production of coke from coal or the recovery of coke by-products produced from coal. This listing does not include K087 (decanter tank sludge from coking operations).
K142	Tank storage residues from the production of coke from coal or from the recovery of coke by-products from coal.
K143	Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.
K144	Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products produced from coal.
K145	Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.
K147	Tar storage residues from coal tar refining.
K148	Residues from coal tar distillation, including, but not limited to, still bottoms.
K149	Distillation bottoms from the production of alpha (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. [This waste does not include still bottoms from the distillation of benzoyl chloride]
K150	Organic residuals excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha (or methyl-) chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.
K151	Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of wastewaters from the production of alpha (or methyl-) chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.

DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUALS, AND SPILL RESIDUES THEREOF – ACUTE HAZARDOUS WASTE *(SEE 40 CFR 261.33 FOR AN ALPHABETIZED LISTING)*

P001	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present at concentrations greater than 0.3%
P001	Warfarin, & salts, when present at concentrations greater than 0.3%
P002	1-Acetyl-2-thiourea
P002	Acetamide, N-(aminothioxomethyl)-
P003	2-Propenal
P003	Acrolein
P004	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a,-

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
	hexahydro-, (1alpha, 4alpha, 4abeta, 5alpha, 8alpha, 8abeta)-
P004	Aldrin
P005	2-Propen-1-ol
P005	Allyl alcohol
P006	Aluminum phosphide (R,T)
P007	3(2H)-Isoxazolone, 5-(aminomethyl)-
P007	5-(Aminomethyl)-3-isoxazolol
P008	4-Aminopyridine
P008	4-Pyridinamine
P009	Ammonium picrate (R)
P009	Phenol, 2,4,6-trinitro-, ammonium salt (R)
P010	Arsenic acid H_3AsO_4
P011	Arsenic oxide As_2O_5
P011	Arsenic pentoxide
P012	Arsenic oxide As_2O_3
P012	Arsenic trioxide
P013	Barium cyanide
P014	Benzenethiol
P014	Thiophenol
P015	Beryllium powder
P016	Dichloromethyl ether
P016	Methane, oxybis[chloro-
P017	2-Propanone, 1-bromo-
P017	Bromoacetone
P018	Brucine
P018	Strychnidin-10-one, 2,3-dimethoxy-
P020	Dinoseb
P020	Phenol, 2-(1-methylpropyl)-4,6-dinitro-
P021	Calcium cyanide
P021	Calcium cyanide $Ca(CN)_2$
P022	Carbon disulfide
P023	Acetaldehyde, chloro-
P023	Chloroacetaldehyde
P024	Benzenamine, 4-chloro-
P024	p-Chloraniline
P026	1-(o-Chlorophenyl)thiourea
P026	Thiourea, (2-chlorophenyl)-
P027	3-Chloropropionitrile
P027	Propanenitrile, 3-chloro-
P028	Benzene, (chloromethyl)-
P028	Benzyl chloride
P029	Copper cyanide
P029	Copper cyanide Cu(CN)
P030	Cyanides (soluble cyanide salts), not otherwise specified
P031	Cyanogen
P031	Ethanedinitrile
P033	Cyanogen chloride
P033	Cyanogen chloride (CN)Cl
P034	2-Cyclohexyl-4,6-dinitrophenol
P034	Phenol, 2-cyclohexyl-4,6-dinitro-
P036	Arsonous dichloride, phenyl-
P036	Dichlorophenylarsine

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
P037	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2aalpha, 3beta, 6beta, 6aalpha, 7beta, 7aalpha)-
P037	Dieldrin
P038	Arsine, diethyl-
P038	Diethylarsine
P039	Disulfoton
P039	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester
P040	O,O-Diethyl O-pyrazinyl phosphorothioate
P040	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester
P041	Diethyl-p-nitrophenyl phosphate
P041	Phosphoric acid, diethyl 4-nitrophenyl ester
P042	1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]-, (R)-
P042	Epinephrine
P043	Diisopropylfluorophosphate (DFP)
P043	Phosphorofluoridic acid, bis(1-methylethyl) ester
P044	Dimethoate
P044	Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino)-2-oxoethyl] ester
P045	2-Butanone, 3,3-dimethyl-1-(methylthio)-, O-[methylamino)carbonyl] oxime
P045	Thiofanox
P046	alpha,alpha-Dimethylphenethylamine
P046	Benzeneethanamine, alpha, alpha-dimethyl-
P047	4,6-Dinitro-o-cresol, & salts
P047	Phenol, 2-methyl-4,6-dinitro-, & salts
P048	2,4-Dinitrophenol
P048	Phenol, 2,4-dinitro-
P049	Dithiobiuret
P049	Thioimidodicarbonic diamide $[(H_2N)C(S)]_2NH$
P050	6,9-Methano-2,4,3-benzodioxathiepin,6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-,3-oxide
P050	Endosulfan
P051	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2abeta, 3alpha, 6alpha, 6abeta, 7beta, 7aalpha)- & metabolites
P051	Endrin
P051	Endrin, & metabolites
P054	Aziridine
P054	Ethyleneimine
P056	Fluorine
P057	Acetamide, 2-fluoro-
P057	Fluoroacetamide
P058	Acetic acid, fluoro-, sodium salt
P058	Fluoroacetic acid, sodium salt
P059	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-
P059	Heptachlor
P060	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a,-hexahydro-, (1alpha, 4alpha, 4abeta, 5beta, 8beta, 8abeta)-
P060	Isodrin
P062	Hexaethyl tetraphosphate

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
P062	Tetraphosphoric acid, hexaethyl ester
P063	Hydrocyanic acid
P063	Hydrogen cyanide
P064	Methane, isocyanato-
P064	Methyl isocyanate
P065	Fulminic acid, mercury(2+) salt (R,T)
P065	Mercury fulminate (R,T)
P066	Ethanimidothioic acid, N-[[(methylamino)carbonyl]oxy]-, methyl ester
P066	Methomyl
P067	1,2-Propylenimine
P067	Aziridine, 2-methyl-
P068	Hydrazine, methyl-
P068	Methyl hydrazine
P069	2-Methyllactonitrile
P069	Propanenitrile, 2-hydroxy-2-methyl-
P070	Aldicarb
P070	Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime
P071	Methyl parathion
P071	Phosphorothioic acid, O,O,-dimethyl O-(4-nitrophenyl) ester
P072	alpha-Naphthylthiourea
P072	Thiourea, 1-naphthalenyl-
P073	Nickel carbonyl
P073	Nickel carbonyl $Ni(CO)_4$, (T-4)-
P074	Nickel cyanide
P074	Nickel cyanide $Ni(CN)_2$
P075	Nicotine, & salts
P075	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-,(S)-, & salts
P076	Nitric oxide
P076	Nitrogen oxide NO
P077	Benzenamine, 4-nitro-
P077	p-Nitroaniline
P078	Nitrogen dioxide
P078	Nitrogen oxide NO_2
P081	1,2,3-Propanetriol, trinitrate (R)
P081	Nitroglycerine (R)
P082	Methanimine, N-methyl-N-nitroso-
P082	N-Nitrosodimethylamine
P084	N-Nitrosomethylvinylamine
P084	Vinylamine, N-methyl-N-nitroso-
P085	Diphosphoramide, octamethyl-
P085	Octamethylpyrophosphoramide
P087	Osmium oxide OsO_4, (T-4)-
P087	Osmium tetroxide
P088	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
P088	Endothall
P089	Parathion
P089	Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester
P092	Mercury, (acetato-O)phenyl-
P092	Phenylmercury acetate
P093	Phenylthiourea

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
P093	Thiourea, phenyl-
P094	Phorate
P094	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester
P095	Carbonic dichloride
P095	Phosgene
P096	Hydrogen phosphide
P096	Phosphine
P097	Famphur
P097	Phosphorothioic acid O-[4-[(dimethylamino)sulfonyl]phenyl] O,O-dimethyl ester
P098	Potassium cyanide
P098	Potassium cyanide K(CN)
P099	Argentate (1-), bis(cyano-C)-, potassium
P099	Potassium silver cyanide
P101	Ethyl cyanide
P101	Propanenitrile
P102	2-Propyn-1-ol
P102	Propargyl alcohol
P103	Selenourea
P104	Silver cyanide
P104	Silver cyanide Ag(CN)
P105	Sodium azide
P106	Sodium cyanide
P106	Sodium cyanide Na(CN)
P108	Strychnidin-10-one, & salts
P108	Strychnine, & salts
P109	Tetraethyldithiopyrophosphate
P109	Thiodiphosphoric acid, tetraethyl ester
P110	Plumbane, tetraethyl-
P110	Tetraethyl lead
P111	Diphosphoric acid, tetraethyl ester
P111	Tetraethyl pyrophosphate
P112	Methane, tetranitro- (R)
P112	Tetranitromethane (R)
P113	Thallic oxide
P113	Thallium oxide Tl_2O_3
P114	Selenious acid, dithallium (1+) salt
P114	Thallium(I) selenite
P115	Sulfuric acid, dithallium (1+) salt
P115	Thallium(I) sulfate
P116	Hydrazinecarbothioamide
P116	Thiosemicarbazide
P118	Methanethiol, trichloro-
P118	Trichloromethanethiol
P119	Ammonium vanadate
P119	Vanadic acid, ammonium salt
P120	Vanadium oxide V_2O_5
P120	Vanadium pentoxide
P121	Zinc cyanide
P121	Zinc cyanide $Zn(CN)_2$
P122	Zinc phosphide Zn_3P_2, when present at concentrations greater than 10% (R,T)
P123	Toxaphene

Code	Waste description
	DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF – TOXIC WASTES *(SEE 40 CFR 261.33 FOR AN ALPHABETIZED LISTING)*
	2,3,4,6-Tetrachlorophenol
	2,4,5-T
	2,4,5-Trichlorophenol
	2,4,6-Trichlorophenol
	Acetic acid, (2,4,5-trichlorophenoxy)-
	Pentachlorophenol
See F027 ⇐	Phenol, 2,3,4,6-tetrachloro-
	Phenol, 2,4,5-trichloro-
	Phenol, 2,4,6-trichloro-
	Phenol, pentachloro-
	Propanoic acid, 2-(2,4,5-trichlorophenoxy)-
	Silvex (2,4,5-TP)
U001	Acetaldehyde (I)
U001	Ethanal (I)
U002	2-Propanone (I)
U002	Acetone (I)
U003	Acetonitrile (I,T)
U004	Acetophenone
U004	Ethanone, 1-phenyl-
U005	2-Acetylaminofluorene
U005	Acetamide, N-9H-fluoren-2-yl
U006	Acetyl chloride (C,R,T)
U007	2-Propenamide
U007	Acrylamide
U008	2-Propenoic acid (I)
U008	Acrylic acid (I)
U009	2-Propenenitrile
U009	Acrylonitrile
U010	Azirino [2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8-[[(aminocarbonyl)oxy] methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha, 8beta, 8aalpha, 8balpha)]-
U010	Mitomycin C
U011	1H-1,2,4-Triazol-3-amine
U011	Amitrole
U012	Aniline (I,T)
U012	Benzenamine (I,T)
U014	Auramine
U014	Benzenamine, 4,4'-carbonimidoylbis[N,N-dimethyl-
U015	Azaserine
U015	L-Serine, diazoacetate (ester)
U016	Benz[c]acridine
U017	Benzal chloride
U017	Benzene, (dichloromethyl)-
U018	Benz[a]anthracene
U019	Benzene (I,T)
U020	Benzenesulfonic acid chloride (C,R)
U020	Benzenesulfonyl chloride (C,R)
U021	[1,1'-Biphenyl]-4,4'-diamine

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
U021	Benzidine
U022	Benzo[a]pyrene
U023	Benzene, (trichloromethyl)-
U023	Benzotrichloride (C,R,T)
U024	Dichloromethoxy ethane
U024	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-
U025	Dichloroethyl ether
U025	Ethane, 1,1'-oxybis[2-chloro-
U026	Chlornaphazin
U026	Naphthalenamine, N,N'-bis(2-chloroethyl)-
U027	Dichloroisopropyl ether
U027	Propane, 2,2'-oxybis[2-chloro-
U028	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester
U028	Diethylhexyl phthalate
U029	Methane, bromo-
U029	Methyl bromide
U030	4-Bromophenyl phenyl ether
U030	Benzene, 1-bromo-4-phenoxy-
U031	1-Butanol (I)
U031	n-Butyl alcohol (I)
U032	Calcium chromate
U032	Chromic acid H_2CrO_4, calcium salt
U033	Carbon oxyfluoride (R,T)
U033	Carbonic difluoride
U034	Acetaldehyde, trichloro-
U034	Chloral
U035	Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-
U035	Chlorambucil
U036	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-
U036	Chlordane, alpha & gamma isomers
U037	Benzene, chloro-
U037	Chlorobenzene
U038	Benzeneacetic acid, 4-chloro-alpha-(4-chlorophenyl)-alpha-hydroxy-, ethyl ester
U038	Chlorobenzilate
U039	p-Chloro-m-cresol
U039	Phenol, 4-chloro-3-methyl-
U041	Epichlorohydrin
U041	Oxirane, (chloromethyl)-
U042	2-Chloroethyl vinyl ether
U042	Ethene, (2-chloroethoxy)-
U043	Ethene, chloro-
U043	Vinyl chloride
U044	Chloroform
U044	Methane, trichloro-
U045	Methane, chloro- (I,T)
U045	Methyl chloride (I,T)
U046	Chloromethyl methyl ether
U046	Methane, chloromethoxy-
U047	beta-Chloronaphthalene
U047	Naphthalene, 2-chloro-

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
U048	o-Chlorophenol
U048	Phenol, 2-chloro-
U049	4-Chloro-o-toluidine, hydrochloride
U049	Benzenamine, 4-chloro-2-methyl-, hydrochloride
U050	Chrysene
U051	Creosote
U052	Cresol (Cresylic acid)
U052	Phenol, methyl-
U053	2-Butenal
U053	Crotonaldehyde
U055	Benzene, (1-methylethyl)- (I)
U055	Cumene (I)
U056	Benzene, hexahydro- (I)
U056	Cyclohexane (I)
U057	Cyclohexanone (I)
U058	2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide
U058	Cyclophosphamide
U059	5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy)-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-
U059	Daunomycin
U060	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-
U060	DDD
U061	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-
U061	DDT
U062	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester
U062	Diallate
U063	Dibenz[a,h]anthracene
U064	Benzo[rst]pentaphene
U064	Dibenzo[a,i]pyrene
U066	1,2-Dibromo-3-chloropropane
U066	Propane, 1,2-dibromo-3-chloro-
U067	Ethane, 1,2-dibromo-
U067	Ethylene dibromide
U068	Methane, dibromo-
U068	Methylene bromide
U069	1,2-Benzenedicarboxylic acid, dibutyl ester
U069	Dibutyl phthalate
U070	Benzene, 1,2-dichloro-
U070	o-Dichlorobenzene
U071	Benzene, 1,3-dichloro-
U071	m-Dichlorobenzene
U072	Benzene, 1,4-dichloro-
U072	p-Dichlorobenzene
U073	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-
U073	3,3'-Dichlorobenzidine
U074	1,4-Dichloro-2-butene (I,T)
U074	2-Butene, 1,4-dichloro- (I,T)
U075	Dichlorodifluoromethane
U075	Methane, dichlorodifluoro-
U076	Ethane, 1,1-dichloro-

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
U076	Ethylidene dichloride
U077	Ethane, 1,2-dichloro-
U077	Ethylene dichloride
U078	1,1-Dichloroethylene
U078	Ethene, 1,1-dichloro-
U079	1,2-Dichloroethylene
U079	Ethene, 1,2-dichloro-,(E)-
U080	Methane, dichloro-
U080	Methylene chloride
U081	2,4-Dichlorophenol
U081	Phenol, 2,4-dichloro-
U082	2,6-Dichlorophenol
U082	Phenol, 2,6-dichloro-
U083	Propane, 1,2-dichloro-
U083	Propylene dichloride
U084	1,3-Dichloropropene
U084	1-Propene, 1,3-dichloro-
U085	1,2:3,4-Diepoxybutane (I,T)
U085	2,2'-Bioxirane
U086	Hydrazine, 1,2-diethyl-
U086	N,N'-Diethylhydrazine
U087	O,O-Diethyl S-methyl dithiophosphate
U087	Phosphorodithioic acid, O,O-diethyl S-methyl ester
U088	1,2-Benzenedicarboxylic acid, diethyl ester
U088	Diethyl phthalate
U089	Diethylstilbesterol
U089	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis, (E)-
U090	1,3-Benzodioxole, 5-propyl-
U090	Dihydrosafrole
U091	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-
U091	3,3'-Dimethoxybenzidine
U092	Dimethylamine (I)
U092	Methanamine, N-methyl- (I)
U093	Benzenamine, N,N-dimethyl-4-(phenylazo)-
U093	p-Dimethylaminoazobenzene
U094	7,12-Dimethylbenz[a]anthracene
U094	Benz[a]anthracene, 7,12-dimethyl-
U095	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-
U095	3,3'-Dimethylbenzidine
U096	alpha,alpha-Dimethylbenzylhydroperoxide (R)
U096	Hydroperoxide, 1-methyl-1-phenylethyl- (R)
U097	Carbamic chloride, dimethyl-
U097	Dimethylcarbamoyl chloride
U098	1,1-Dimethylhydrazine
U098	Hydrazine, 1,1-dimethyl-
U099	1,2-Dimethylhydrazine
U099	Hydrazine, 1,2-diphenyl-
U101	2,4-Dimethylphenol
U101	Phenol, 2,4-dimethyl-
U102	1,2-Benzenedicarboxylic acid, dimethyl ester

Code	Waste description
U102	Dimethyl phthalate
U103	Dimethyl sulfate
U103	Sulfuric acid, dimethyl ester
U105	2,4-Dinitrotoluene
U105	Benzene, 1-methyl-2,4-dinitro-
U106	2,6-Dinitrotoluene
U106	Benzene, 2-methyl-1,3-dinitro-
U107	1,2-Benzenedicarboxylic acid, dioctyl ester
U107	Di-n-octyl phthalate
U108	1,4-Diethyleneoxide
U108	1,4-Dioxane
U109	1,2-Diphenylhydrazine
U109	Hydrazine, 1,2-diphenyl-
U110	1-Propanimine, N-propyl-(I)
U110	Dipropylamine (I)
U111	1-Propanamine, N-nitroso-N-propyl-
U111	Di-n-propylnitrosamine
U112	Acetic acid, ethyl ester (I)
U112	Ethyl acetate (I)
U113	2-Propenoic acid, ethyl ester (I)
U113	Ethyl acrylate (I)
U114	Carbamodithioic acid, 1,2-ethanediylbis-, salts & esters
U114	Ethylenebisdithiocarbamic acid, salts & esters
U115	Ethylene oxide (I,T)
U115	Oxirane (I,T)
U116	2-Imidazolidinethione
U116	Ethylenethiourea
U117	Ethane, 1,1'-oxybis-(I)
U117	Ethyl ether (I)
U118	2-Propenoic acid, 2-methyl-, ethyl ester
U118	Ethyl methacrylate
U119	Ethyl methanesulfonate
U119	Methanesulfonic acid, ethyl ester
U120	Fluoranthene
U121	Methane, trichlorofluoro-
U121	Trichloromonofluoromethane
U122	Formaldehyde
U123	Formic acid (C,T)
U124	Furan (I)
U124	Furfuran (I)
U125	2-Furancarboxaldehyde (I)
U125	Furfural (I)
U126	Glycidylaldehyde
U126	Oxiranecarboxyaldehyde
U127	Benzene, hexachloro-
U127	Hexachlorobenzene
U128	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-
U128	Hexachlorobutadiene
U129	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)-
U129	Lindane

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
U130	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
U130	Hexachlorocyclopentadiene
U131	Ethane, hexachloro-
U131	Hexachloroethane
U132	Hexachlorophene
U132	Phenol, 2,2'-methylenebis[3,4,6-trichloro-
U133	Hydrazine (R,T)
U134	Hydrofluoric acid (C,T)
U134	Hydrogen fluoride (C,T)
U135	Hydrogen sulfide
U135	Hydrogen sulfide H_2S
U136	Arsinic acid, dimethyl-
U136	Cacodylic acid
U137	Indeno[1,2,3-cd]pyrene
U138	Methane, iodo-
U138	Methyl iodide
U140	1-Propanol, 2-methyl- (I,T)
U140	Isobutyl alcohol (I,T)
U141	1,3-Benzodioxole, 5-(1-propenyl)-
U141	Isosafrole
U142	1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-
U142	Kepone
U143	2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z), 7(2S*,3R*), 7aalpha]]-
U143	Lasiocarpine
U144	Acetic acid, lead(2+) salt
U144	Lead acetate
U145	Lead phosphate
U145	Phosphoric acid, lead(2+) salt (2:3)
U146	Lead subacetate
U146	Lead, bis(acetato-O)tetrahydroxytri-
U147	2,5-Furandione
U147	Maleic anhydride
U148	3,6-Pyridazinedione, 1,2-dihydro-
U148	Maleic hydrazide
U149	Malononitrile
U149	Propanedinitrile
U150	L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-
U150	Melphalan
U151	Mercury
U152	2-Propenenitrile, 2-methyl- (I,T)
U152	Methacrylonitrile (I,T)
U153	Methanethiol (I,T)
U153	Thiomethanol (I,T)
U154	Methanol (I)
U154	Methyl alcohol (I)
U155	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-
U155	Methapyrilene
U156	Carbonochloridic acid, methyl ester, (I,T)

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
U156	Methyl chlorocarbonate (I,T)
U157	3-Methylcholanthrene
U157	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-
U158	4,4'-Methylenebis(2-chloroaniline)
U158	Benzenamine, 4,4'-methylenebis[2-chloro-
U159	2-Butanone (I,T)
U159	Methyl ethyl ketone (MEK) (I,T)
U160	2-Butanone, peroxide (R,T)
U160	Methyl ethyl ketone peroxide (R,T)
U161	4-Methyl-2-pentanone (I)
U161	Methyl isobutyl ketone (I)
U161	Pentanol, 4-methyl-
U162	2-Propenoic acid, 2-methyl-, methyl ester (I,T)
U162	Methyl methacrylate (I,T)
U163	Guanidine, N-methyl-N'-nitro-N-nitroso-
U163	MNNG
U164	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-
U164	Methylthiouracil
U165	Naphthalene
U166	1,4-Naphthalenedione
U166	1,4-Naphthoquinone
U167	1-Napthalenamine
U167	alpha-Naphthylamine
U168	2-Napthalenamine
U168	beta-Naphthylamine
U169	Benzene, nitro-
U169	Nitrobenzene (I,T)
U170	p-Nitrophenol (I,T)
U170	Phenol, 4-nitro-
U171	2-Nitropropane (I,T)
U171	Propane, 2-nitro- (I,T)
U172	1-Butanamine, N-butyl-N-nitroso-
U172	N-Nitrosodi-n-butylamine
U173	Ethanol, 2,2'-(nitrosoimino)bis-
U173	N-Nitrosodiethanolamine
U174	Ethanamine, N-ethyl-N-nitroso-
U174	N-Nitrosodiethylamine
U176	N-Nitroso-N-ethylurea
U176	Urea, N-ethyl-N-nitroso-
U177	N-Nitroso-N-methylurea
U177	Urea, N-methyl-N-nitroso-
U178	Carbamic acid, methylnitroso-, ethyl ester
U178	N-Nitroso-N-methylurethane
U179	N-Nitrosopiperidine
U179	Piperidine, 1-nitroso-
U180	N-Nitrosopyrrolidine
U180	Pyrrolidine, 1-nitroso-
U181	5-Nitro-o-toluidine
U181	Benzenamine, 2-methyl-5-nitro
U182	1,3,5-Trioxane, 2,4,6-trimethyl-
U182	Paraldehyde

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description
U183	Benzene, pentachloro-
U183	Pentachlorobenzene
U184	Ethane, pentachloro-
U184	Pentachloroethane
U185	Benzene, pentachloronitro-
U185	Pentachloronitrobenzene (PCNB)
U186	1,3-Pentadiene (I)
U186	1-Methylbutadiene (I)
U187	Acetamide, N-(4-ethoxyphenyl)-
U187	Phenacetin
U188	Phenol
U189	Phosphorus sulfide (R)
U189	Sulfur phosphide (R)
U190	1,3-Isobenzofurandione
U190	Phthalic anhydride
U191	2-Picoline
U191	Pyridine, 2-methyl-
U192	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-
U192	Pronamide
U193	1,2-Oxathiolane, 2,2-dioxide
U193	1,3-Propane sultone
U194	1-Propanamine (I,T)
U194	n-Propylamine (I,T)
U196	Pyridine
U197	2,5-Cyclohexadiene-1,4-dione
U197	p-Benzoquinone
U200	Reserpine
U200	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl) oxy]-, methyl ester, (3beta, 16beta, 17alpha, 18beta, 20alpha)-
U201	1,3-Benzenediol
U201	Resorcinol
U202	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, & salts
U202	Saccharin, & salts
U203	1,3-Benzodioxole, 5-(2-propenyl)-
U203	Safrole
U204	Selenious acid
U204	Selenium dioxide
U205	Selenium sulfide
U205	Selenium sulfide SeS_2 (R,T)
U206	D-Glucose, 2-deoxy-2-[[(methylnitrosoamino)-carbonyl]amino]-
U206	Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-,D-
U206	Streptozotocin
U207	1,2,4,5-Tetrachlorobenzene
U207	Benzene, 1,2,4,5-tetrachloro-
U208	1,1,1,2-Tetrachloroethane
U208	Ethane, 1,1,1,2-tetrachloro-
U209	1,1,2,2-Tetrachloroethane
U209	Ethane, 1,1,2,2-tetrachloro-
U210	Ethene, tetrachloro-
U210	Tetrachloroethylene

Code	Waste description
U211	Carbon tetrachloride
U211	Methane, tetrachloro-
U213	Furan, tetrahydro-(I)
U213	Tetrahydrofuran (I)
U214	Acetic acid, thallium(1+) salt
U214	Thallium(I) acetate
U215	Carbonic acid, dithallium(1+) salt
U215	Thallium(I) carbonate
U216	Thallium chloride Tlcl
U216	Thallium(I) chloride
U217	Nitric acid, thallium(1+) salt
U217	Thallium(I) nitrate
U218	Ethanethioamide
U218	Thioacetamide
U219	Thiourea
U220	Benzene, methyl-
U220	Toluene
U221	Benzenediamine, ar-methyl-
U221	Toluenediamine
U222	Benzenamine, 2-methyl-, hydrochloride
U222	o-Toluidine hydrochloride
U223	Benzene, 1,3-diisocyanatomethyl- (R,T)
U223	Toluene diisocyanate (R,T)
U225	Bromoform
U225	Methane, tribromo-
U226	Ethane, 1,1,1-trichloro-
U226	Methyl chloroform
U227	1,1,2-Trichloroethane
U227	Ethane, 1,1,2-trichloro-
U228	Ethene, trichloro-
U228	Trichloroethylene
U234	1,3,5-Trinitrobenzene (R,T)
U234	Benzene, 1,3,5-trinitro-
U235	1-Propanol, 2,3-dibromo-, phosphate (3:1)
U235	Tris(2,3,-dibromopropyl) phosphate
U236	2,7-Naphthalenedisulfonic acid,3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)bis[5-amino-4-hydroxy]-, tetrasodium salt
U236	Trypan blue
U237	2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-
U237	Uracil mustard
U238	Carbamic acid, ethyl ester
U238	Ethyl carbamate (urethane)
U239	Benzene, dimethyl- (I,T)
U239	Xylene (I)
U240	2,4-D, salts & esters
U240	Acetic acid, (2,4-dichlorophenoxy)-, salts & esters
U240	Dichlorophenoxyacetic acid 2,4-D
U243	1-Propene, 1,1,2,3,3,3-hexachloro-
U243	Hexachloropropene
U244	Thioperoxydicarbonic diamide $[(H_2N)C(S)]_2S_2$, tetramethyl-

EPA HAZARDOUS WASTE CODES
(Continued)

Code	Waste description	Code	Waste description
U244	Thiram		
U246	Cyanogen bromide (CN)Br		
U247	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-		
U247	Methoxychlor		
U248	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl)-, & salts, when present at concentrations of 0.3% or less		
U248	Warfarin, & salts, when present at concentrations of 0.3% or less		
U249	Zinc phosphide Zn_3P_2, when present at concentrations of 10% or less		
U328	Benzenamine, 2-methyl-		
U328	o-Toluidine		
U353	Benzenamine, 4-methyl-		
U353	p-Toluidine		
U359	Ethanol, 2-ethoxy-		
U359	Ethylene glycol monoethyl ether		

SIC Code Industry

AGRICULTURE

AGRICULTURAL PRODUCTION – CROPS

0111 Wheat
0112 Rice
0115 Corn
0116 Soybeans
0119 Cash grains, nec
0131 Cotton
0132 Tobacco
0133 Sugar cane and sugar beets
0134 Irish potatoes
0139 Field crops, except cash grains, nec
0161 Vegetables and melons
0171 Berry crops
0172 Grapes
0173 Tree nuts
0174 Citrus fruits
0175 Deciduous tree fruits
0179 Fruits and tree nuts, nec
0181 Ornamental floriculture and nursery products
0182 Food crops grown under cover
0191 General farms, primarily crops

AGRICULTURAL PRODUCTION – LIVESTOCK

0211 Beef cattle feedlots
0212 Beef cattle, except feedlots
0213 Hogs
0214 Sheep and goats
0219 General livestock, except dairy and poultry
0241 Dairy farms
0251 Broiler, fryer, and roaster chickens
0252 Chicken eggs
0253 Turkeys and turkey eggs
0254 Poultry hatcheries
0259 Poultry and eggs, nec
0271 Fur-bearing animals and rabbits
0272 Horses and other equines
0273 Animal aquaculture
0279 Animal specialties, nec
0291 General farms, primarily livestock and animal specialities

AGRICULTURAL SERVICES

0711 Soil preparation services
0721 Crop planting, cultivating, and protecting
0722 Crop harvesting, primarily by machine
0723 Crop preparation services for market, except cotton ginning
0724 Cotton ginning
0741 Veterinary services for livestock
0742 Veterinary services for animal specialties
0751 Livestock services, except veterinary
0752 Animal specialty services, except veterinary
0761 Farm labor contractors and crew leaders
0762 Farm management services
0781 Landscape counseling and planning
0782 Lawn and garden services
0783 Ornamental shrub and tree services

FORESTRY

0811 Timber tracts
0831 Forest nurseries and gathering of forest products
0851 Forestry services

FISHING, HUNTING, AND TRAPPING

0912 Finfish
0913 Shellfish
0919 Miscellaneous marine products
0921 Fish hatcheries and preserves
0971 Hunting, trapping, game and propagation

MINING

METAL MINING

1011 Iron ores
1021 Copper ores
1031 Lead and zinc ores
1041 Gold ores
1044 Silver ores
1061 Ferroalloy ores, except vanadium
1081 Metal mining services
1094 Uranium-radium-vanadium ores
1099 Metal ores, nec

COAL MINING

1221 Bituminous coal and lignite surface mining
1222 Bituminous coal underground mining
1231 Anthracite mining
1241 Coal mining services

OIL AND GAS EXTRACTION

1311 Crude petroleum and natural gas
1321 Natural gas liquids
1381 Drilling oil and gas wells
1382 Oil and gas field exploration services
1389 Oil and gas field services, nec

NONMETALLIC MINERALS, EXCEPT FUELS

1411 Dimension stone
1422 Crushed and broken limestone
1423 Crushed and broken granite
1429 Crushed and broken stone, nec
1442 Construction sand and gravel
1446 Industrial sand
1455 Kaolin and ball clay
1459 Clay, ceramic, and refractory minerals, nec
1474 Potash, soda, and borate minerals
1475 Phosphate rock
1479 Chemical and fertilizer mineral mining, nec
1481 Nonmetallic minerals services, except fuels
1499 Miscellaneous nonmetallic minerals, except fuels, nec

CONSTRUCTION

GENERAL BUILDING CONTRACTORS

1521 Single-family houses
1522 Residential building construction, nec
1531 Operative builders
1541 Industrial buildings and warehouses
1542 Nonresidential building construction, nec

HEAVY CONSTRUCTION, EXCLUDING BUILDINGS

1611 Highway and street construction, except elevated highway
1622 Bridge, tunnel, and elevated highway
1623 Water, sewer, and utility lines
1629 Heavy construction, nec

SPECIAL TRADE CONTRACTORS

1711 Plumbing, heating, air conditioning
1721 Painting and paper hanging
1731 Electrical work
1741 Masonry, stone setting, and other stonework
1742 Plastering, drywall, acoustical and insulation work
1743 Terrazzo, tile, marble, mosaic work
1751 Carpentry work
1752 Floor laying and floor work, nec
1761 Roofing, siding, and sheet metal work
1771 Concrete work
1781 Water well drilling
1791 Structural steel erection
1793 Glass and glazing work
1794 Excavation work
1795 Wrecking and demolition work
1796 Installing building equipment, nec
1799 Special trade contractors, nec

MANUFACTURING

FOOD AND KINDRED PRODUCTS

2011 Meat packing plants
2013 Sausages and other prepared meats
2015 Poultry slaughtering and processing
2021 Creamery butter

Note: nec = not elsewhere classified.

SIC CODES
(Continued)

SIC Code	Industry
2022	Natural, processed, and imitation cheese
2023	Dry, condensed, evaporated dairy products
2024	Ice cream and frozen desserts
2026	Fluid milk
2032	Canned specialties
2033	Canned fruits, vegetables, preserves, jams, and jellies
2034	Dried and dehydrated fruits, vegetables, and soup mixes
2035	Pickled fruits and vegetables, sauces, and salad dressings
2037	Frozen fruits, fruit juices, and vegetables
2038	Frozen specialties, nec
2041	Flour and other grain mill products
2043	Cereal breakfast foods
2044	Rice milling
2045	Prepared flour mixes and doughs
2046	Wet corn milling
2047	Dog and cat food
2048	Prepared feed and feed ingredients for animals and fowl, nec
2051	Bread and other bakery products, except cookies and crackers
2052	Cookies and crackers
2053	Frozen bakery products, except bread
2061	Raw cane sugar
2062	Cane sugar refining
2063	Beet sugar
2064	Candy and other confectionery products
2066	Chocolate and cocoa products
2067	Chewing gum
2068	Salted and roasted nuts and seeds
2074	Cottonseed oil mills
2075	Soybean oil mills
2076	Vegetable oil mills, nec
2077	Animal and marine fats and oils
2079	Edible fats and oils, nec
2082	Malt beverages
2083	Malt
2084	Wines, brandy, and brandy spirits
2085	Distilled and blended liquors
2086	Bottled and canned soft drinks and carbonated waters
2087	Flavoring extracts and syrups, nec
2091	Canned and cured fish and seafood
2092	Fresh or frozen prepared fish
2095	Roasted coffee
2096	Potato chips and similar snacks
2097	Manufactured ice
2098	Macaroni, spaghetti, related products
2099	Food preparations, nec
TOBACCO PRODUCTS	
2111	Cigarettes
2121	Cigars
2131	Chewing and smoking tobacco
2141	Tobacco stemming and redrying
TEXTILE MILL PRODUCTS	
2211	Broadwoven fabric mills, cotton
2221	Broadwoven fabric mills, man-made
2231	Broadwoven fabric mills, wool
2241	Narrow fabric and other smallware mills
2251	Women's hosiery, except socks
2252	Hosiery, nec
2253	Knit outerwear mills
2254	Knit underwear and nightwear mills
2257	Weft knit fabric mills
2258	Lace and warp knit fabric mills
2259	Knitting mills, nec
2261	Finishing plants, cotton fabric
2262	Finishing plants, man-made fabric
2269	Textile finishing plants, nec
2273	Carpets and rugs
2281	Yarn spinning mills
2282	Yarn texturizing, throwing, twisting, and winding mills
2284	Thread mills
2295	Coated fabrics, not rubberized
2296	Tire cord and fabrics
2297	Nonwoven fabrics
2298	Cordage and twine
2299	Textile goods, nec
APPAREL AND OTHER TEXTILE PRODUCTS	
2311	Men's and boys' suits, coats, and overcoats
2321	Men's and boys' shirts, except work shirts
2322	Men's and boys' underwear and nightwear
2323	Men's and boys' neckwear
2325	Men's and boys' trousers and slacks
2326	Men's and boys' work clothing
2329	Men's and boys' clothing, nec
2331	Women's, misses' and juniors' blouses and shirts
2335	Women's, misses', and juniors' dresses
2337	Women's misses', and juniors' suits, skirts, and coats
2339	Women's, misses' and juniors' outerwear, nec
2341	Women's, misses', children's, and infants' underwear and nightwear
2342	Brassieres, girdles, and allied garments
2353	Hats, caps, and millinery
2361	Girls', children's' and infants' dresses, blouses, and shirts
2369	Girls', children's, and infants' outerwear, nec
2371	Fur goods
2381	Fabric dress and work gloves
2384	Robes and dressing gowns
2385	Waterproof outerwear
2386	Leather and sheep-lined clothing
2387	Apparel belts
2389	Apparel and accessories, nec
2391	Curtains and draperies
2392	House furnishings, nec
2393	Textile bags
2394	Canvas and related products
2395	Pleating, stitching, and tucking for trade
2396	Automotive trimmings, apparel findings, and related products
2397	Schiffli machine embroideries
2399	Fabricated textile products, nec
LUMBER AND WOOD PRODUCTS	
2411	Logging
2421	Sawmills and planing mills, general
2426	Hardwood dimension and flooring mills
2429	Special product sawmills, nec
2431	Millwork
2434	Wood kitchen cabinets
2435	Hardwood veneer and plywood
2436	Softwood veneer and plywood
2439	Structural wood members, nec
2441	Nailed and lock corner wood boxes and shook
2448	Wood pallets and skids
2449	Wood containers, nec
2451	Mobile homes
2452	Prefabricated wood buildings and components
2491	Wood preserving
2493	Reconstituted wood products
2499	Wood products, nec
FURNITURE AND FIXTURES	
2511	Wood household furniture, except upholstered
2512	Upholstered household furniture
2514	Metal household furniture
2515	Mattresses, foundations, and convertible beds
2517	Wood TV, radio, phonograph, and sewing machine cabinets
2519	Household furniture, nec
2521	Wood office furniture
2522	Office furniture, except wood
2531	Public building and related furniture
2541	Wood partitions and fixtures
2542	Partitions and fixtures, except wood
2591	Drapery hardware and window blinds and shades
2599	Furniture and fixtures, nec
PAPER AND ALLIED PRODUCTS	
2611	Pulp mills
2621	Paper mills
2631	Paperboard mills

Note: nec = not elsewhere classified.

SIC Code	Industry
2652	Set-up paperboard boxes
2653	Corrugated and solid fiber boxes
2655	Fiber cans, tubes, drums, and similar products
2656	Sanitary food containers, except folding
2657	Folding paperboard boxes, including sanitary
2671	Packaging paper and plastics film, coated and laminated
2672	Coated and laminated paper, nec
2673	Plastics, foil, and coated paper bags
2674	Uncoated paper and multiwall bags
2675	Die-cut paper and paperboard
2676	Sanitary paper products
2677	Envelopes
2678	Stationery and related products
2679	Converted paper products, nec
PRINTING AND PUBLISHING	
2711	Newspapers: publishing, or publishing and printing
2721	Periodicals: publishing, or publishing and printing
2731	Books: publishing, or publishing and printing
2732	Book printing
2741	Miscellaneous publishing
2752	Commercial printing, lithographic
2754	Commercial printing, gravure
2759	Commercial printing, nec
2761	Manifold business forms
2771	Greeting cards
2782	Blankbooks and looseleaf binders
2789	Bookbinding and related work
2791	Typesetting
2796	Platemaking and related services
CHEMICALS AND ALLIED PRODUCTS	
2812	Alkalies and chlorine
2813	Industrial gases
2816	Inorganic pigments
2819	Industrial inorganic chemicals, nec
2821	Plastics materials and resins
2822	Synthetic rubber
2823	Cellulosic man-made fibers
2824	Man-made organic fibers, except cellulosic
2833	Medicinal chemicals and botanical products
2834	Pharmaceutical preparations
2835	In vitro and in vivo diagnostic substances
2836	Biological products, except diagnostic
2841	Soap and other detergents, except specialty cleaning
2842	Specialty cleaners, polishes, and sanitation preparations
2843	Surface active agents and related products
2844	Perfumes, cosmetics, and other toilet preparations
2851	Paints and allied products
2861	Gum and wood chemicals
2865	Cyclic organic crudes, intermediates, dyes and pigments
2869	Industrial organic chemicals, nec
2873	Nitrogenous fertilizers
2874	Phosphatic fertilizers
2875	Fertilizers, mixing only
2879	Pesticides and agricultural chemicals, nec
2891	Adhesives and sealants
2892	Explosives
2893	Printing ink
2895	Carbon black
2899	Chemical preparations, nec
PETROLEUM AND COAL PRODUCTS	
2911	Petroleum refining
2951	Asphalt paving mixtures and blocks
2952	Asphalt felts and coatings
2992	Lubricating oils and greases
2999	Petroleum and coal products, nec
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	
3011	Tires and inner tubes
3021	Rubber and plastics footwear
3052	Rubber and plastics hose and belting
3053	Gaskets, packing and sealing devices
3061	Mechanical rubber goods
3069	Fabricated rubber products, nec
3081	Unsupported plastics film and sheet
3082	Unsupported plastics, profile shapes
3083	Laminated plastics plate, sheet, and profile shapes
3084	Plastics, pipe
3085	Plastics, bottles
3086	Plastics, foam products
3087	Custom compounding of purchased plastic resins
3088	Plastics, plumbing fixtures
3089	Plastics products, nec
LEATHER AND LEATHER PRODUCTS	
3111	Leather tanning and finishing
3131	Footwear, cut stock and findings
3142	House slippers
3143	Men's footwear, except athletic
3144	Women's footwear, except athletic
3149	Footwear, except rubber, nec
3151	Leather gloves and mittens
3161	Luggage
3171	Women's handbags and purses
3172	Personal leather goods, nec
3199	Leather goods, nec
STONE, CLAY, AND GLASS PRODUCTS	
3211	Flat glass
3221	Glass containers
3229	Pressed and blown glass, nec
3231	Products made of purchased glass
3241	Cement, hydraulic
3251	Brick and structural clay tile
3253	Ceramic wall and floor tile
3255	Clay refractories
3259	Structural clay products, nec
3261	Vitreous china plumbing fixtures, china and earthenware fittings and bathroom accessories
3262	Vitreous china table and kitchenware
3263	Fine earthenware (whiteware) table and kitchenware
3264	Porcelain electrical supplies
3269	Pottery products, nec
3271	Concrete block and brick
3272	Concrete products, nec
3273	Ready-mixed concrete
3274	Lime
3275	Gypsum products
3281	Cut stone and stone products
3291	Abrasive products
3292	Asbestos products
3295	Minerals and earths, ground or otherwise treated
3296	Mineral wool
3297	Nonclay refractories
3299	Nonmetallic mineral products, nec
PRIMARY METAL INDUSTRIES	
3312	Steel works, blast furnaces, and rolling mills
3313	Electrometallurgical products, except steel
3315	Steel wire and related products
3316	Cold finishing of steel shapes
3317	Steel pipe and tubes
3321	Gray and ductile iron foundries
3322	Malleable iron foundries
3324	Steel investment foundries
3325	Steel foundries, nec
3331	Primary copper smelting and refining
3334	Primary aluminum production
3339	Primary smelting and refining of nonferrous metals, nec
3341	Secondary smelting and refining of nonferrous metals
3351	Copper rolling, drawing, extruding
3353	Aluminum sheet, plate, and foil
3354	Aluminum extruded products
3355	Aluminum rolling and drawing, nec
3356	Nonferrous rolling, drawing, and extruding, nec
3357	Nonferrous wire drawing and insulating
3363	Aluminum die-castings

Note. nec = not elsewhere classified.

SIC CODES
(Continued)

SIC Code	Industry
3364	Nonferrous die-castings, except aluminum
3365	Aluminum foundries
3366	Copper foundries
3369	Nonferrous foundries, nec
3398	Metal heat treating
3399	Primary metal products, nec
FABRICATED METAL PRODUCTS	
3411	Metal cans
3412	Metal barrels, drums, and pails
3421	Cutlery
3423	Hand and edge tools, nec
3425	Saw blades and handsaws
3429	Hardware, nec
3431	Enameled iron and metal sanitary ware
3432	Plumbing fixture fittings and trim
3433	Heating equipment, except electric and warm air furnaces
3441	Fabricated structural metal
3442	Metal doors, sash, and trim
3443	Fabricated plate work (boiler shops)
3444	Sheet metal work
3446	Architectural and ornamental metal work
3448	Prefabricated metal buildings and components
3449	Miscellaneous structural metal work
3451	Screw machine products
3452	Bolts, nuts, screws, rivets, and washers
3462	Iron and steel forgings
3463	Nonferrous forgings
3465	Automotive stampings
3466	Crowns and closures
3469	Metal stampings, nec
3471	Plating and polishing
3479	Metal coating and allied services
3482	Small arms ammunition
3483	Ammunition, nec
3484	Small arms
3489	Ordnance and accessories, nec
3491	Industrial valves
3492	Fluid power valves and hose fittings
3493	Steel springs, except wire
3494	Valves and pipe fittings, nec
3495	Wire springs
3496	Miscellaneous fabricated wire products
3497	Metal foil and leaf
3498	Fabricated pipe and fittings
3499	Fabricated metal products, nec
INDUSTRIAL MACHINERY AND EQUIPMENT	
3511	Turbines and turbine generator sets
3519	Internal combustion engines, nec
3523	Farm machinery and equipment
3524	Lawn and garden equipment
3531	Construction machinery
3532	Mining machinery
3533	Oil and gas field machinery
3534	Elevators and moving stairways
3535	Conveyors and conveying equipment
3536	Hoists, cranes, and monorails
3537	Industrial trucks, tractors, trailers, and stackers
3541	Machine tools, metal cutting types
3542	Machine tools, metal forming types
3543	Industrial patterns
3544	Special dies, tools, jigs and fixtures, and industrial molds
3545	Cutting tools and machine tool accessories
3546	Power driven hand tools
3547	Rolling mill machinery
3548	Welding and soldering equipment
3549	Metalworking machinery, nec
3552	Textile machinery
3553	Woodworking machinery
3554	Paper industries machinery
3555	Printing trades machinery
3556	Food products machinery
3559	Special industry machinery, nec
3561	Pumps and pumping equipment
3562	Ball and roller bearings
3563	Air and gas compressors
3564	Blowers, fans, and air purification equipments
3565	Packaging machinery
3566	Speed changers, drives, and gears
3567	Industrial furnaces and ovens
3568	Power transmission equipment, nec
3569	General industrial machinery, nec
3571	Electronic computers
3572	Computer storage devices
3575	Computer terminals
3577	Computer peripheral equipment, nec
3578	Calculating and accounting machines except electric computers
3579	Office machines, nec
3581	Automatic vending machines
3582	Commercial laundry equipment
3585	Refrigeration and heating equipment
3586	Measuring and dispensing pumps
3589	Service industry machinery, nec
3592	Carburetors, pistons, rings, valves
3593	Fluid power cylinders and actuators
3594	Fluid power pumps and motors
3596	Scales and balances, except laboratory
3599	Industrial and commercial machinery and equipment, nec
ELECTRONIC AND OTHER ELECTRIC EQUIPMENT	
3612	Power, distribution, and specialty transformers
3613	Switchgear and switchboard apparatus
3621	Motors and generators
3624	Carbon and graphite products
3625	Relays and industrial controls
3629	Electrical industrial apparatus, nec
3631	Household cooking equipment
3632	Household refrigerators and freezers
3633	Household laundry equipment
3634	Electric housewares and fans
3635	Household vacuum cleaners
3639	Household appliances, nec
3641	Electric lamp bulbs and tubes
3643	Current-carrying wiring devices
3644	Noncurrent-carrying wiring devices
3645	Residential electric lighting fixtures
3646	Commercial, industrial, and institutional electric lighting fixtures
3647	Vehicular lighting equipment
3648	Lighting equipment, nec
3651	Household audio and video equipment
3652	Prerecorded records, tapes, disks
3661	Telephone and telegraph apparatus
3663	Radio and TV communication equipment
3669	Communications equipment, nec
3671	Electron tubes
3672	Printed circuit boards
3674	Semiconductors and related devices
3675	Electronic capacitors
3676	Electronic resistors
3677	Electronic coils, transformers, and other inductors
3678	Electronic connectors
3679	Electronic components, nec
3691	Storage batteries
3692	Primary batteries, dry and wet
3694	Combustion engine electrical equipment
3695	Magnetic and optical recording media
3699	Electrical machinery, equipment and supplies, nec
TRANSPORTATION EQUIPMENT	
3711	Motor vehicles and passenger car bodies
3713	Truck and bus bodies
3714	Motor vehicle parts and accessories
3715	Truck trailers
3716	Motor homes
3721	Aircraft
3724	Aircraft engines and engine parts
3728	Aircraft parts and equipment, nec
3731	Ship building and repairing
3732	Boat building and repairing
3743	Railroad equipment
3751	Motorcycles, bicycles, and parts

Note: nec = not elsewhere classified.

SIC Code Industry

3761 Guided missiles and space vehicles
3764 Missile and space vehicle propulsion units and parts
3769 Missile and space vehicle equipment, nec
3792 Travel trailers and campers
3795 Tanks and tank components
3799 Transportation equipment, nec

INSTRUMENTS AND RELATED PRODUCTS

3812 Search, navigation, and related equipment
3821 Laboratory apparatus and furniture
3822 Automatic environmental and appliance controls
3823 Process control and related instruments
3824 Fluid meters and counting devices
3825 Instruments to measure electricity
3826 Laboratory analytical instruments
3827 Optical instruments and lenses
3829 Measuring and controlling devices, nec
3841 Surgical and medical instruments
3842 Orthopedic, prosthetic, and surgical appliances and supplies
3843 Dental equipment and supplies
3844 X-ray apparatus and tubes
3845 Electromedical equipment
3851 Ophthalmic goods
3861 Photographic equipment and supplies
3873 Watches, clocks, and parts

MISCELLANEOUS MANUFACTURING INDUSTRIES

3911 Jewelry, precious metal
3914 Silverware and plated ware
3915 Jewelers' materials and lapidary work
3931 Musical instruments
3942 Dolls and stuffed toys
3944 Games, toys, and children's vehicles
3949 Sporting and athletic goods, nec
3951 Pens and mechanical pencils
3952 Lead pencils, crayons, and artist's materials
3953 Marking devices
3955 Carbon paper and inked ribbons
3961 Costume jewelry and novelties
3965 Fasteners, buttons, needles, and pins
3991 Brooms and brushes
3993 Signs and advertising specialties
3995 Burial caskets
3996 Hard surface floor coverings, nec
3999 Manufacturing industries, nec

TRANSPORTATION AND UTILITIES

RAILROAD TRANSPORTATION

4011 Railroads, line-haul operating
4013 Switching and terminal devices

LOCAL AND INTERURBAN PASSENGER TRANSIT

4111 Local and suburban transit
4119 Local passenger transportation, nec
4121 Taxicabs
4131 Intercity and rural bus transportation
4141 Local bus charter service
4142 Bus charter service, except local
4151 School buses
4173 Terminal and service facilities for motor vehicle passenger transport

TRUCKING AND WAREHOUSING

4212 Local trucking, without storage
4213 Trucking, except local
4214 Local trucking with storage
4215 Courier services, except by air
4221 Farm product warehousing and storage
4222 Refrigerated warehousing and storage
4225 General warehousing and storage
4226 Special warehousing and storage, nec
4231 Motor freight terminal facilities

U.S. POSTAL SERVICE

4311 U.S. Postal Service

WATER TRANSPORTATION

4412 Deep sea foreign transportation of freight
4424 Deep sea domestic transportation of freight
4432 Freight transportation on the Great Lakes
4449 Water transportation of freight, nec
4481 Deep sea passenger transportation, except by ferry
4482 Ferries
4489 Water passenger transportation, nec
4491 Marine cargo handling
4492 Towing and tugboat service
4493 Marinas
4499 Water transportation services, nec

TRANSPORTATION BY AIR

4512 Air transportation, scheduled
4513 Air courier services
4522 Air transportation, nonscheduled
4581 Airports, flying fields, and terminal services

PIPELINES, EXCEPT NATURAL GAS

4612 Crude petroleum pipelines
4613 Refined petroleum pipelines
4619 Pipelines, nec

TRANSPORTATION SERVICES

4724 Travel agencies
4725 Tour operators
4729 Passenger transportation arrangement, nec
4731 Freight and cargo transportation arrangement
4741 Rental of railroad cars
4783 Packing and crating
4785 Fixed facilities and inspection and weighing services
4789 Transportation services, nec

COMMUNICATIONS

4812 Radiotelephone communications
4813 Telephone communications, except radiotelephone
4822 Telegraph and other message communications
4832 Radio broadcasting stations
4833 Television broadcasting stations
4841 Cable and other pay TV services
4899 Communication services, nec

ELECTRIC, GAS, AND SANITARY SERVICES

4911 Electric services
4922 Natural gas transmission
4923 Gas transmission and distribution
4924 Natural gas distribution
4925 Gas production and/or distribution
4931 Electric and other services combined
4932 Gas and other services combined
4939 Combination utilities, nec
4941 Water supply
4952 Sewerage systems
4953 Refuse systems
4959 Sanitary services, nec
4961 Steam and air conditioning supply
4971 Irrigation systems

WHOLESALE TRADE

WHOLESALE TRADE, DURABLE GOODS

5012 Automobiles and other motor vehicles
5013 Motor vehicle supplies and new parts
5014 Tires and tubes
5015 Motor vehicle parts, used
5021 Furniture
5023 Home furnishings
5031 Lumber, plywood, and millwork

Note: nec = not elsewhere classified

SIC CODES
(Continued)

SIC Code	Industry
5032	Brick, stone, and related materials
5033	Roofing, siding, and insulation
5039	Construction materials, nec
5043	Photographic equipment and supplies
5044	Office equipment
5045	Computers, peripherals, and software
5046	Commercial equipment, nec
5047	Medical, dental, and hospital equipment
5048	Ophthalmic goods
5049	Professional equipment, nec
5051	Metals service centers and offices
5052	Coal and other minerals and ores
5063	Electrical apparatus and equipment
5064	Electrical appliances, TV and radios
5065	Electronic parts and equipment, nec
5072	Hardware
5074	Plumbing and hydronic heating supplies
5075	Warm air heating and air conditioning equipment
5078	Refrigeration equipment and supplies
5082	Construction and mining machinery
5083	Farm and garden machinery
5084	Industrial machinery and equipment
5085	Industrial supplies
5087	Service establishment equipment
5088	Transportation equipment and supplies, except motor vehicles
5091	Sporting and recreational goods
5092	Toys and hobby goods and supplies
5093	Scrap and waste materials
5094	Jewelry, watches, precious stones, and precious metals
5099	Durable goods, nec
WHOLESALE TRADE, NONDURABLE GOODS	
5111	Printing and writing paper
5112	Stationery and office supplies
5113	Industrial and personal service paper
5122	Drugs, proprietaries, and sundries
5131	Piece goods and other dry goods
5136	Men's and boys' clothing and furnishings
5137	Women's, children's, and infants' clothing and accessories
5139	Footwear
5141	Groceries, general line
5142	Packaged frozen foods
5143	Dairy products, except dried or canned
5144	Poultry and poultry products
5145	Confectionery
5146	Fish and seafoods
5147	Meats and meat products
5148	Fresh fruits and vegetables
5149	Groceries and related products, nec
5153	Grain and field beans
5154	Livestock
5159	Farm-product raw materials, nec
5162	Plastics materials and basic shapes
5169	Chemicals and allied products, nec
5171	Petroleum bulk stations and terminals
5172	Petroleum products wholesalers, nec
5181	Beer and ale
5182	Wines and distilled alcoholic beverages
5191	Farm supplies
5192	Books, periodicals, and newspapers
5193	Flowers and florists' supplies
5194	Tobacco and tobacco products
5198	Paints, varnishes, and supplies
5199	Nondurable goods, nec
RETAIL TRADE	
BUILDING MATERIALS AND GARDEN SUPPLIES	
5211	Lumber and other building materials dealers
5231	Paint, glass, and wallpaper stores
5251	Hardware stores
5261	Retail nurseries and garden supply stores
5271	Mobile home dealers
GENERAL MERCHANDISE STORES	
5311	Department stores
5331	Variety stores
5399	Miscellaneous general merchandise stores
FOOD STORES	
5411	Grocery stores
5421	Meat and fish markets
5431	Fruit and vegetable markets
5441	Candy, nut, and confectionery stores
5451	Dairy products stores
5461	Retail bakers
5499	Miscellaneous food stores
AUTOMOTIVE DEALERS AND SERVICE STATIONS	
5511	New and used car dealers
5521	Used car dealers
5531	Auto and home supply stores
5541	Gasoline service stations
5551	Boat dealers
5561	Recreational vehicle dealers
5571	Motorcycle dealers
5599	Automotive dealers, nec
APPAREL AND ACCESSORY STORES	
5611	Men's and boys' clothing and accessory stores
5621	Women's clothing stores
5632	Women's accessory and specialty stores
5641	Children's and infants' wear stores
5651	Family clothing stores
5661	Shoe stores
5699	Miscellaneous apparel and accessory stores
FURNITURE AND HOME FURNISHINGS STORES	
5712	Furniture stores
5713	Floor covering stores
5714	Window treatment and upholstery stores
5719	Miscellaneous home furnishings stores
5722	Household appliance stores
5731	Radio, TV, and electronic stores
5734	Computer and software stores
5735	Record and prerecorded tape stores
5736	Musical instruments stores
EATING AND DRINKING PLACES	
5812	Eating places
5813	Drinking places
MISCELLANEOUS RETAIL	
5912	Drugstores and proprietary stores
5921	Liquor stores
5932	Used merchandise stores
5941	Sporting goods and bicycle shops
5942	Book stores
5943	Stationery stores
5944	Jewelry stores
5945	Hobby, toy, and game shops
5946	Camera and photographic supply stores
5947	Gift, novelty, and souvenir shops
5948	Luggage and leather goods stores
5949	Sewing, needlework, and piece goods stores
5961	Catalog and mail order houses
5962	Vending machine operators
5963	Direct selling establishments
5983	Fuel oil dealers
5984	Bottled gas dealers
5989	Fuel dealers, nec
5992	Florists
5993	Tobacco stores and stands
5994	News dealers and newsstands
5995	Optical goods stores
5999	Miscellaneous retail stores, nec

Note: nec = not elsewhere classified

SIC Code Industry

FINANCE, INSURANCE & REAL ESTATE

DEPOSITORY INSTITUTIONS

6011 Federal Reserve banks
6019 Central reserve depository institutions, nec
6021 National commercial banks
6022 State commercial banks
6029 Commercial banks, nec
6035 Federal savings institutions
6036 Savings institutions, except federal
6061 Federal credit unions
6062 Credit unions, except federal
6081 Foreign bank branches and agencies
6082 Foreign trade and international banking institutions
6091 Nondeposit trust facilities
6099 Depository institutions, nec

NONDEPOSITORY INSTITUTIONS

6111 Federal and federally-sponsored credit agencies
6141 Personal credit institutions
6153 Short-term business credit institutions, except agricultural
6159 Miscellaneous business credit institutions
6162 Mortgage bankers and loan correspondents
6163 Loan brokers

SECURITY AND COMMODITY BROKERS

6211 Security brokers and dealers
6221 Commodity contracts brokers and dealers
6231 Security and commodity exchanges
6282 Investment advice
6289 Security and commodity exchange services, nec

INSURANCE CARRIERS

6311 Life insurance
6321 Accident and health insurance
6324 Hospital and medical service plans
6331 Fire, marine, and casualty insurance
6351 Surety insurance
6361 Title insurance
6371 Pension, health, and welfare funds
6399 Insurance carriers, nec

INSURANCE AGENTS, BROKERS, AND SERVICE

6411 Insurance agents, brokers, and service

REAL ESTATE

6512 Nonresidential building operators
6513 Apartment building operators
6514 Dwelling operators, except apartments
6515 Mobile home site operators
6517 Railroad property lessors
6519 Real property lessors, nec
6531 Real estate agents and managers
6541 Title abstract offices
6552 Subdividers and developers, except cemeteries
6553 Cemetery subdividers and developers

HOLDING AND OTHER INVESTMENT OFFICES

6712 Bank holding company offices
6719 Holding company offices, nec
6722 Open-end management investment offices
6726 Investment offices, nec
6732 Educational, religious, and charitable trusts
6733 Trusts, nec
6792 Oil royalty traders
6794 Patent owners and lessors
6798 Real estate investment trusts
6799 Investors, nec

SERVICES

HOTELS AND OTHER LODGING PLACES

7011 Hotels and motels
7021 Rooming and boarding houses
7032 Sporting and recreational camps
7033 RV parks and campsites
7041 Membership-basis organization hotels and lodging

PERSONAL SERVICES

7211 Power laundries, family and commercial
7212 Garment pressing and cleaners' agents
7213 Linen supply
7215 Coin-operated laundries and cleaning
7216 Dry cleaning plants, except rug
7217 Carpet and upholstery cleaning
7218 Industrial launderers
7219 Laundry and garment services, nec
7221 Photographic studios, portrait
7231 Beauty shops
7241 Barber shops
7251 Shoe repair and shoeshine shops
7261 Funeral service and crematories
7291 Tax return preparation services
7299 Miscellaneous personal services, nec

BUSINESS SERVICES

7311 Advertising agencies
7312 Outdoor advertising services
7313 Radio, TV, publisher advertising representatives
7319 Advertising, nec
7322 Adjustment and collection services
7323 Credit reporting services
7331 Direct mail advertising services
7334 Photocopying and duplicating services
7335 Commercial photography
7336 Commercial art and graphic design
7338 Secretarial and court reporting
7342 Disinfecting and pest control services
7349 Building maintenance services, nec
7352 Medical equipment rental
7353 Heavy construction equipment rental
7359 Equipment rental and leasing, nec
7361 Employment agencies
7363 Help supply services
7371 Computer programming services
7372 Prepackaged software
7373 Computer integrated systems design
7374 Data processing services
7375 Information retrieval services
7376 Computer facilities management
7377 Computer rental and leasing
7378 Computer maintenance and repair
7379 Computer related services, nec
7381 Detective, guard, and armored car services
7382 Security systems services
7383 News syndicates
7384 Photofinishing laboratories
7389 Business services, nec

AUTOMOTIVE REPAIR, SERVICES, AND PARKING

7513 Truck rental and leasing, no drivers
7514 Passenger car rental
7515 Passenger car leasing
7519 Utility trailer and RV rental
7521 Automobile parking
7532 Top, body, and upholstery repair and paint shops
7533 Auto exhaust system repair shops
7534 Tire retreading and repair shops
7536 Automotive glass replacement shops
7537 Automotive transmission repair shops
7538 General automotive repair shops
7539 Automotive repair shops, nec
7542 Car washes
7549 Automotive services, nec

Note: nec = not elsewhere classified.

SIC CODES
(Continued)

SIC Code	Industry

MISCELLANEOUS REPAIR SERVICES
7622 Radio and television repair
7623 Refrigeration service and repair
7629 Electrical repair shops, nec
7631 Watch, clock, and jewelry repair
7641 Reupholstery and furniture repair
7692 Welding repair
7694 Armature rewinding shops
7699 Repair shops and related services, nec

MOTION PICTURES
7812 Motion picture and video production
7819 Services allied to motion picture production
7822 Motion picture and video distribution
7829 Motion picture distribution services
7832 Motion picture theaters except drive-ins
7833 Drive-in motion picture theaters
7841 Video tape rental

AMUSEMENT AND RECREATION SERVICES
7911 Dance studios, schools, and halls
7922 Theatrical producers and services
7929 Entertainers and entertainment groups
7933 Bowling centers
7941 Sports clubs, managers, and promoters
7948 Racing, including track operation
7991 Physical fitness facilities
7992 Public golf courses
7993 Coin-operated amusement devices
7996 Amusement parks
7997 Membership sports and recreation clubs
7999 Amusement and recreation, nec

HEALTH SERVICES
8011 Offices and clinics of medical doctors
8021 Offices and clinics of dentists
8031 Offices and clinics of osteopathic physicians
8041 Offices and clinics of chiropractors
8042 Offices and clinics of optometrists
8043 Office and clinics of podiatrists
8049 Offices and clinics of health practitioners, nec
8051 Skilled nurse care facilities
8052 Intermediate care facilities
8059 Nursing and personal care facilities, nec
8062 General medical and surgical hospitals
8063 Psychiatric hospitals
8069 Specialty hospitals, except psychiatric
8071 Medical laboratories
8072 Dental laboratories
8082 Home health care services
8092 Kidney dialysis centers
8093 Specialty outpatient clinics, nec
8099 Health and allied services, nec

LEGAL SERVICES
8111 Legal services

EDUCATIONAL SERVICES
8211 Elementary and secondary schools
8221 Colleges and universities
8222 Junior colleges
8231 Libraries
8243 Data processing schools
8244 Business and secretarial schools
8249 Vocational schools, nec
8299 Schools and educational services, nec

SOCIAL SERVICES
8322 Individual and family social services
8331 Job training and related services
8351 Child day care services
8361 Residential care
8399 Social services, nec

MUSEUMS, BOTANICAL, ZOOLOGICAL GARDENS
8412 Museums and art galleries
8422 Botanical and zoological gardens

MEMBERSHIP ORGANIZATIONS
8611 Business associations
8621 Professional organizations
8631 Labor organizations
8641 Civic and social associations
8651 Political organizations
8661 Religious organizations
8699 Membership organizations, nec

ENGINEERING AND MANAGEMENT SERVICES
8711 Engineering services
8712 Architectural services
8713 Surveying services
8721 Accounting, auditing, and bookkeeping services
8731 Commercial physical and biological research
8732 Commercial economic, sociological, and educational research
8733 Noncommercial research organizations
8734 Testing laboratories
8741 Management services
8742 Management consulting services
8743 Public relations services
8744 Facilities support services
8748 Business consulting services, nec

PRIVATE HOUSEHOLDS
8811 Private households

SERVICES, NEC
8999 Services, nec

PUBLIC ADMINISTRATION

EXECUTIVE, LEGISLATIVE, AND GENERAL
9111 Executive offices
9121 Legislative bodies
9131 Executive and legislative offices combined
9199 General government, nec

JUSTICE, PUBLIC ORDER, AND SAFETY
9211 Courts
9221 Police protection
9222 Legal counsel and prosecution
9223 Correctional institutions
9224 Fire protection
9229 Public order and safety, nec

FINANCE, TAXATION, AND MONETARY POLICY
9311 Public finance, taxation, and monetary policy

ADMINISTRATION OF HUMAN RESOURCES
9411 Administration of educational programs
9431 Administration of public health programs
9441 Administration of social, human resource, and income maintenance programs
9451 Administration of veterans' affairs, except health insurance

ENVIRONMENTAL QUALITY AND HOUSING
9511 Air and water resource and solid waste management
9512 Land, mineral, wildlife, and forest conservation
9531 Administration of housing programs
9532 Administration of urban and community development

ADMINISTRATION OF ECONOMIC PROGRAMS
9611 Administration of general economic programs
9621 Regulation and administration of transportation programs

Note: nec = not elsewhere classified.

SIC Code	Industry	SIC Code	Industry	SIC Code	Industry
9631	Regulation and administration of utilities				
9641	Regulation of agricultural marketing and commodity				
9651	Regulation of miscellaneous *commercial sectors*				
9661	Space research and technology				
NATIONAL SECURITY AND INTERNATIONAL AFFAIRS					
9711	National security				
9721	International affairs				

NONCLASSIFIABLE ESTABLISHMENTS

9999	Nonclassifiable establishment

Note: nec = not elsewhere classified.

SOURCE CODES

Source codes describe the type of process or activity (i.e., source) from which a hazardous waste was generated.

Code	Waste source
CLEANING AND DEGREASING	
A01	Stripping
A02	Acid cleaning
A03	Caustic (alkali) cleaning
A04	Flush rinsing
A05	Dip rinsing
A06	Spray rinsing
A07	Vapor degreasing
A08	Physical scraping and removal
A09	Clean out process equipment
A19	Other cleaning and degreasing (Specify in Comments)
SURFACE PREPARATION AND FINISHING	
A21	Painting
A22	Electroplating
A23	Electroless plating
A24	Phosphating
A25	Heat treating
A26	Pickling
A27	Etching
A29	Other surface coating/preparation (Specify in Comments)
PROCESSES OTHER THAN SURFACE PREPARATION	
A31	Product rinsing
A32	Product filtering
A33	Product distillation
A34	Product solvent extraction
A35	By-product processing
A36	Spent catalyst removal
A37	Spent process liquids removal
A38	Tank sludge removal
A39	Slag removal
A40	Metal forming
A41	Plastics forming
A49	Other processes other than surface preparation (Specify in Comments)
PRODUCTION OR SERVICE DERIVED ONE-TIME AND INTERMITTENT PROCESSES	
A51	Leak collection
A53	Cleanup of spill residues
A54	Oil changes
A55	Filter/battery replacement
A56	Discontinue use of process equipment
A57	Discarding off-spec material
A58	Discarding out-of-date products or chemicals
A59	Other production-derived one-time and intermittent processes (Specify in Comments)
A60	Sludge removal
REMEDIATION DERIVED WASTE	
A61	Superfund Remedial Action
A62	Superfund Emergency Response
A63	RCRA Corrective Action at solid waste management unit
A64	RCRA closure of hazardous waste management unit
A65	Underground storage tank cleanup
A69	Other remediation (Specify in Comments)
POLLUTION CONTROL OR WASTE TREATMENT PROCESSES	
A71	Filtering/screening
A72	Metals recovery
A73	Solvents recovery
A74	Incineration/thermal treatment
A75	Wastewater treatment
A76	Sludge dewatering
A77	Stabilization
A78	Air pollution control devices
A79	Leachate collection
A89	Other pollution control or waste treatment (Specify in Comments)
OTHER PROCESSES	
A91	Clothing and personal protective equipment
A92	Routine cleanup wastes (e.g., floor sweepings)
A93	Closure of management unit(s) or equipment other than by remediation specified in codes A61–A69
A94	Laboratory wastes
A99	Other (Specify in Comments)

Form codes describe the general physical and chemical characteristics of a hazardous waste.

Code	Waste description

LAB PACKS

LAB PACKS – Lab packs of mixed wastes, chemicals, lab wastes

B001	Lab packs of old chemicals only
B002	Lab packs of debris only
B003	Mixed lab packs
B004	Lab packs containing acute hazardous wastes
B009	Other lab packs (Specify in Comments)

LIQUIDS

INORGANIC LIQUIDS – Waste that is primarily inorganic and highly fluid (e.g., aqueous), with low suspended inorganic solids and low organic content

B101	Aqueous waste with low solvents
B102	Aqueous waste with low other toxic organics
B103	Spent acid with metals
B104	Spent acid without metals
B105	Acidic aqueous waste
B106	Caustic solution with metals but no cyanides
B107	Caustic solution with metals and cyanides
B108	Caustic solution with cyanides but no metals
B109	Spent caustic
B110	Caustic aqueous waste
B111	Aqueous waste with reactive sulfides
B112	Aqueous waste with other reactives (e.g., explosives)
B113	Other aqueous waste with high dissolved solids
B114	Other aqueous waste with low dissolved solids
B115	Scrubber water
B116	Leachate
B117	Waste liquid mercury
B119	Other inorganic liquids (Specify in Comments)

ORGANIC LIQUIDS – Waste that is primarily organic and is highly fluid, with low inorganic solids content and low-to-moderate water content

B201	Concentrated solvent-water solution
B202	Halogenated (e.g., chlorinated) solvent
B203	Nonhalogenated solvent
B204	Halogenated/nonhalogenated solvent mixture
B205	Oil-water emulsion or mixture
B206	Waste oil
B207	Concentrated aqueous solution of other organics
B208	Concentrated phenolics
B209	Organic paint, ink, lacquer, or varnish
B210	Adhesives or epoxies
B211	Paint thinner or petroleum distillates
B212	Reactive or polymerizable organic liquid
B219	Other organic liquids (Specify in Comments)

SOLIDS

INORGANIC SOLIDS – Waste that is primarily inorganic and solid, with low organic content and low-to-moderate water content; not pumpable

B301	Soil contaminated with organics
B302	Soil contaminated with inorganics only
B303	Ash, slag, or other residue from incineration of wastes
B304	Other "dry" ash, slag, or thermal residue
B305	"Dry" lime or metal hydroxide solids chemically "fixed"
B306	"Dry" lime or metal hydroxide solids not "fixed"
B307	Metal scale, filings, or scrap
B308	Empty or crushed metal drums or containers
B309	Batteries or battery parts, casings, cores
B310	Spent solid filters or adsorbents
B311	Asbestos solids and debris
B312	Metal-cyanide salts/chemicals
B313	Reactive cyanide salts/chemicals
B314	Reactive sulfide salts/chemicals
B315	Other reactive salts/chemicals
B316	Other metal salts/chemicals
B319	Other waste inorganic solids (Specify in Comments)

ORGANIC SOLIDS – Waste that is primarily organic and solid, with low-to-moderate inorganic content and water content; not pumpable

B401	Halogenated pesticide solid
B402	Nonhalogenated pesticide solid
B403	Solid resins or polymerized organics
B404	Spent carbon
B405	Reactive organic solid
B406	Empty fiber or plastic containers
B407	Other halogenated organic solids (Specify in Comments)
B409	Other nonhalogenated organic solids (Specify in Comments)

FORM CODES
(Continued)

Code	Waste description

SLUDGES

INORGANIC SLUDGES – Waste that is primarily inorganic, with moderate-to-high water content and low organic content; pumpable

B501	Lime sludge without metals
B502	Lime sludge with metals/metal hydroxide sludge
B503	Wastewater treatment sludge with toxic organics
B504	Other wastewater treatment sludge
B505	Untreated plating sludge without cyanides
B506	Untreated plating sludge with cyanides
B507	Other sludge with cyanides
B508	Sludge with reactive sulfides
B509	Sludge with other reactives
B510	Degreasing sludge with metal scale or filings
B511	Air pollution control device sludge (e.g., fly ash, wet scrubber sludge)
B512	Sediment or lagoon dragout contaminated with organics
B513	Sediment or lagoon dragout contaminated with inorganics only
B514	Drilling mud
B515	Asbestos slurry or sludge
B516	Chloride or other brine sludge
B519	Other inorganic sludges (Specify in Comments)

ORGANIC SLUDGES – Waste that is primarily organic with low-to-moderate inorganic solids content and water content; pumpable

B601	Still bottoms of halogenated (e.g., chlorinated) solvents or other organic liquids
B602	Still bottoms of nonhalogenated solvents or other organic liquids
B603	Oily sludge
B604	Organic paint or ink sludge
B605	Reactive or polymerizable organics
B606	Resins, tars, or tarry sludge
B607	Biological treatment sludge
B608	Sewage or other untreated biological sludge
B609	Other organic sludges (Specify in Comments)

GASES

INORGANIC GASES – Waste that is primarily inorganic with a low organic content and is a gas at atmospheric pressure

B701	Inorganic gases

ORGANIC GASES – Waste that is primarily organic with low-to-moderate inorganic content and is a gas at atmospheric pressure

B801	Organic gases

APPENDIX A

EXAMPLES OF COMPLETED 1997 HAZARDOUS WASTE REPORT FORMS

APPENDIX A
EXAMPLES OF COMPLETED 1997 HAZARDOUS WASTE REPORT FORMS

This appendix contains hypothetical examples of completed 1997 Hazardous Waste Report forms for three sites: ABC Painting Co., Platers, Inc., and Waste Disposal, Inc. These examples are for illustrative purposes only and are not intended to cover all possible situations. In addition, information in the examples is fictitious and does not represent any known companies.

- Example 1 is for a RCRA large quantity generator (LQG), ABC Painting Co., that shipped all of its hazardous waste off site for treatment, disposal, or recycling.
- Example 2 is for a RCRA LQG, Platers, Inc., that treated some hazardous wastes on site and shipped the remainder of the hazardous waste off site for treatment, disposal, or recycling.
- Example 3 is for a commercial treatment, storage, or disposal (TSD) facility, Waste Disposal, Inc.

The following information is provided for each example:

- A description of the hazardous waste activities at the site;
- A simplified schematic diagram of the hazardous waste activities;
- An explanation of each relevant Biennial Report form for the site; and
- A completed copy of each Biennial Report form for the site.

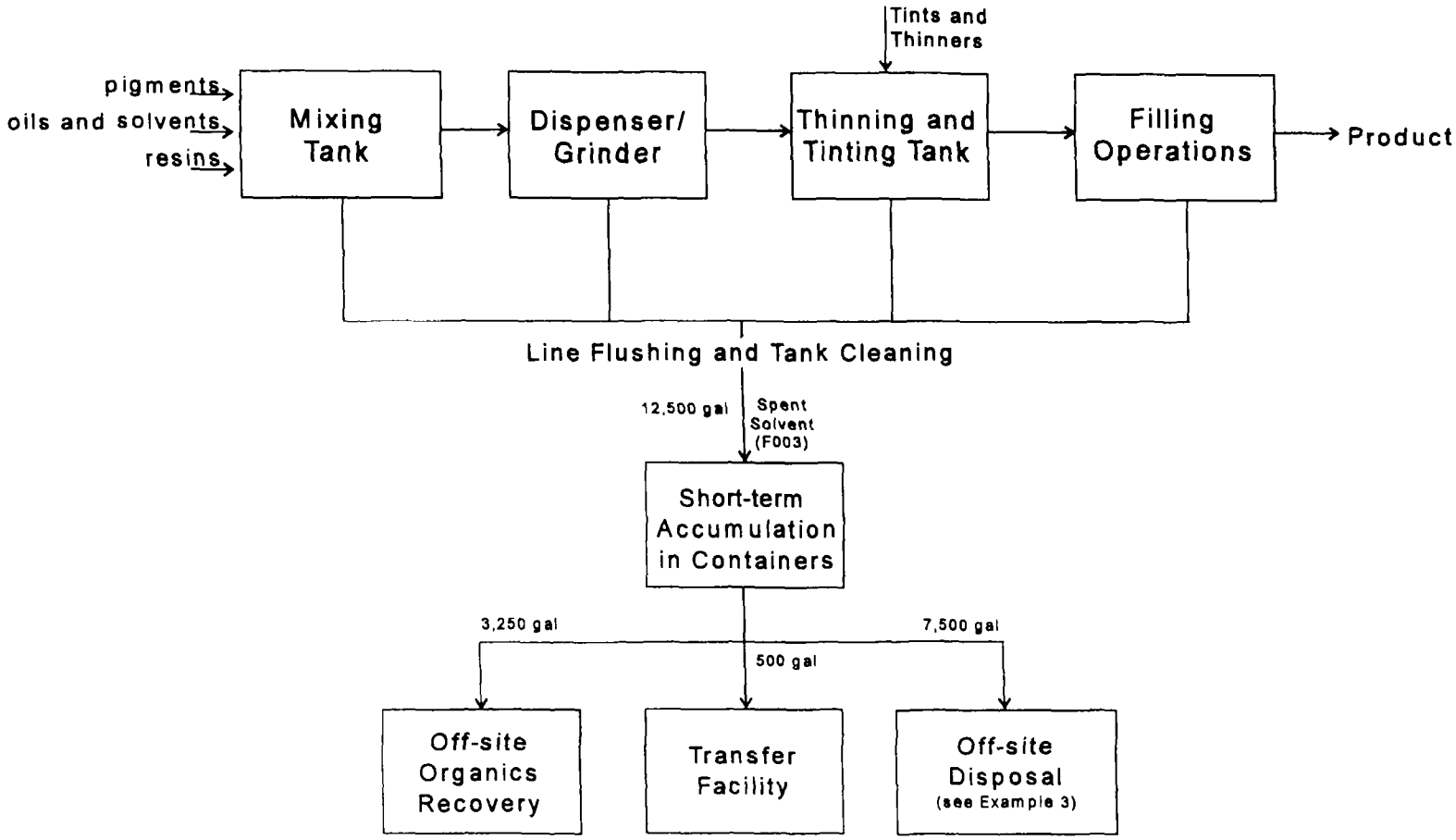
EXAMPLE 1
ABC Painting Co.

Site Description

ABC Painting Co. generates hazardous waste on site and ships it off site for treatment, disposal, or recycling. The company specializes in painting automobiles and generates spent solvent from line flushing operations and normal cleaning operations. The company does not treat, dispose, or recycle hazardous waste on site. During 1997, the company generated 12,500 gallons of spent solvent. In 1997, the company shipped 7,500 gallons of the spent solvent to Waste Disposal, Inc. (see Example 3) for incineration; shipped 3,250 gallons to Organics Recovery Co. for solvent recovery; and shipped 500 gallons via transfer facility. It placed the remaining 1,250 gallons in short-term accumulation containers to await shipment after December 31, 1997. Figure A-1 shows the schematic diagram of hazardous waste generation and management activities at ABC Painting Co.

Figure A-1

1997 Hazardous Waste Generation and Management at ABC Painting Co.



gal = gallons

Forms Completed by ABC Painting Co.

Form IC

The site meets the definition of a RCRA LQG because it generated in any (one) month 1,000 kg (2,200 lbs) or more of RCRA hazardous waste during 1997. Therefore, it is required to file the 1997 Hazardous Waste Report. (See page i, WHO MUST FILE THE 1997 HAZARDOUS WASTE REPORT.) All sites required to submit the Biennial Report must fill out Form IC.

Form IC, page 1 of 3:

Section I	Site name and location address. The site did not receive a pre-printed site identification label. Therefore, it enters the site's name and EPA ID number in the top left-hand corner of the form, and enters the site's name, EPA ID number, and location address in **Boxes A through C** and **E through H**. In **Box D**, "No" is checked to indicate that the site name has not changed since 1995.
Section II	Site mailing address. The site checks "Yes" in **Box A** to indicate that the mailing address is the same as its location address reported in Section I, and skips to Section III, according to the instructions on the form. **Boxes B through E** are therefore left blank.
Section III	Contact information. In **Boxes A through C**, the site enters the name, title, and telephone number of the person to be contacted with questions on the Biennial Report forms submitted by ABC Painting Co.
Section IV	Certification. **Boxes A through D** are completed and signed **after** all the Biennial Report forms are filled out.

FORM IC OMB#: 2050-0024 Expires 09/30/99

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ABC Painting Co.

EPA ID NO: XYD 910 848 737

U.S. ENVIRONMENTAL PROTECTION AGENCY

1997 Hazardous Waste Report

FORM IC

IDENTIFICATION AND CERTIFICATION

Instructions: Please see the detailed instructions beginning on page 7 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each section is provided below.

Sec. I Site name and location address. Check the box ☐ in items A, B, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instructions page 7.

A. EPA ID No. Same as label ☐ or → XYD 910 848 737	B. County Same as label ☐ or → Hazard
C. Site/company name Same as label ☐ or → ABC Painting Co.	D. Has the site name associated with this EPA ID changed since 1995? ☐ 1 Yes ☒ 2 No
E. Street name and number. If not applicable, enter industrial park, building name, or other physical location description. Same as label ☐ or → 200 N. Jefferson Street	
F. City, town, village Same as label ☐ or → RCRA City	G. State Same as label ☐ or → XY / H. Zip Code Same as label ☐ or → 99988-0045

Sec. II Mailing address of site. Instructions page 7.

A. Is the mailing address the same as the location address? ☒ 1 Yes (SKIP TO SEC. III) ☐ 2 No (CONTINUE TO BOX B)

B. Number and street name of mailing address

C. City, town, village	D. State	E. Zip Code

Sec. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instructions page 7.

A. Last Name	First name	M.I.	B. Title	C. Telephone Number
Dough	John	Z.	Environmental Specialist	999 284-2800 Extension 105

Sec. IV "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations." Instructions page 8.

A. Last Name	First name	M.I.	B. Title
Dough	John	Z.	Environmental Specialist

C. Signature

D. Date of signature 02 12 98 (Month Day Year)

Over →

Forms Completed by ABC Painting Co.

Form IC (continued), page 2 of 3:

The site enters its EPA ID number in the space provided in the top right-hand corner of the page.

Section V Generator status. Code 1 is checked in **Box A** to indicate that the site met the definition of a RCRA LQG in 1997. **Box B** is therefore skipped according to the instructions on the form.

Section VI On-site waste management status. In **Box A**, Code 1 is entered to indicate that the site had no on-site storage subject to RCRA permitting requirements during 1997 because the site accumulated spent solvents for fewer than 90 days. Code 1 is entered in **Box B** to indicate that the site had no on-site treatment, disposal, or recycling subject to RCRA permitting requirements, and has no plans to develop any on-site capacity for treatment, disposal, or recycling subject to RCRA permitting requirements.

FORM IC

EPA ID NO. X Y D 9 1 0 8 4 8 7 3 7

Sec. V	Generator status. Instructions begin on page 8.	
A. 1997 RCRA generator status (CHECK ONE BOX BELOW)	B. Reason for not generating (CHECK ALL THAT APPLY)	
☒ 1 LQG ☐ 2 SQG ☐ 3 CESQG ☐ 4 Non-generator (CONTINUE TO BOX B)	SKIP TO SEC. VI	☐ 1 Never generated ☐ 2 Out of business ☐ 3 Only excluded or delisted waste ☐ 4 Only non-hazardous waste ☐ 5 Periodic or occasional generator ☐ 6 Waste minimization activity ☐ 7 Other (SPECIFY IN COMMENTS BOX BELOW)

Sec. VI	On-site waste management status. Instructions page 10.
A. Storage subject to RCRA permitting requirements 1	B. Treatment, disposal, or recycling subject to RCRA permitting requirements 1

Comments:

Forms Completed by ABC Painting Co.

Form GM

A separate Form GM must be filled out for each RCRA hazardous waste generated and managed on site, or generated on site and shipped off site for management, unless the waste was managed in systems regulated under the Clean Water Act or the Safe Drinking Water Act. If so, only one GM form has to be filled out using System Type codes M134 (Deepwell/underground injection), M135 (Direct discharge to sewer/POTW), or M136 (Direct discharge to surface water under NPDES). ABC Painting Co. generated one hazardous waste (spent solvent) on site and shipped it off site for management; therefore, the site completes one Form GM.

Form GM, page 3 of 3:

The site enters its EPA ID number and site name in the top left-hand corner of the form.

Section I Waste characteristics. A narrative description of the waste is entered in **Box A**. The appropriate EPA hazardous waste code for the waste, F003, is entered in **Box B**; "NA" is entered into the remaining spaces for EPA hazardous waste codes. **Box C** is left blank because there are no State-defined hazardous waste codes applicable to this waste. The SIC code associated with the overall activities at the site, which is 7532 for automotive top and body repairs and painting, is entered in **Box D**. An Origin code of 1 is entered in **Box E** to indicate that the waste was generated on site from a production process or service activity. System Type in **Box E** is left blank because the waste was not a residual from on-site treatment of a hazardous waste. The Source code for painting, A21, is entered in **Box F**. Code 1 is entered in **Box G** because the waste was not mixed with any other wastes prior to being measured. In **Box H**, the Form code for a non-halogenated solvent, B203, is entered. Code 2 is entered in **Box I** because the waste is not mixed with radioactive materials.

Section II On-site generation and management of hazardous waste. In **Box A**, the quantity of the hazardous waste generated in 1997 is reported. In **Box B**, Code 5 is entered, indicating that the unit of measure for the quantity reported in **Box A** is gallons. Because "gallons" is a volumetric unit of measure, the density of the waste is recorded in **Box B**, and Code 1 is checked to indicate that the density is reported in pounds per gallon. **Box C** is checked "No" because the site did not treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW, and the site skips to Section III as instructed. Therefore, under **On-site Process Systems 1 and 2**, on-site process system type and quantity treated, disposed, or recycled on site are left blank.

Section III Off-site shipment of hazardous waste. In **Box A**, "Yes" is checked because the waste was shipped off site for management during 1997. The EPA ID numbers for the three facilities to which the waste was shipped are recorded in **Box B**, Site 1, Site 2, and Site 3. The off-site system types are reported as incineration of liquids (M041), transfer facility (M141), and distillation (M021) respectively, in **Box C**. Code 1 is entered in **Box D** for all sites to indicate that they are commercially available. The quantities shipped in 1997 are entered in **Box E**, using the same unit of measure as reported in Section II, **Box B**.

The balance of the solvent generated in 1997 (1,250 gallons) was placed in short-term accumulation and therefore is not reported on this form.

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ABC Painting Co.

EPA ID NO: X Y D 9 1 0 8 4 8 7 3 7

U.S. ENVIRONMENTAL PROTECTION AGENCY

1997 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 11 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. I A. Waste description (page 12): Ignitable spent solvent from line flushing operations; mixture of xylene and acetone.

B. EPA hazardous waste code (page 12): F 0 0 3 | N A | N A | N A | N A

C. State hazardous waste code (page 13):

D. SIC code (page 13)	E. Origin code (page 13)	F. Source code (page 14)	G. Point of measurement (p. 14)	H. Form code (page 14)	I. RCRA-radioactive mixed (page 14)
7 5 3 2	1 System Type M	A 2 1	1	B 2 0 3	2

Sec. II A. Quantity generated in 1997 (page 15): 1 2 5 0 0 . 0

B. UOM (page 15): 5 Density: 8 . 0 0 ☐ 1 lbs/gal ☐ 2 sg

C. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (page 15)
☐ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type (page 16)	Quantity treated, disposed, or recycled on site in 1997 (page 16)	On-site process system type (page 16)	Quantity treated, disposed, or recycled on site in 1997 (page 16)
M	.	M	.

Sec. III A. Was any of this waste shipped off site in 1997 for treatment, disposal, or recycling? (page 17)
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility waste was shipped to (page 17)	C. System type shipped to (p. 17)	D. Off-site availability code (page 17)	E. Total quantity shipped in 1997 (page 17)
Site 1	A B D 5 8 6 8 1 0 3 4 9	M 0 4 1	1	7 5 0 0 . 0
Site 2	B C D 6 8 7 9 0 1 3 4 5	M 1 4 1	1	5 0 0 . 0
Site 3	E F G 7 8 9 0 1 2 6 7 8	M 0 2 1	1	3 2 5 0 . 0

Comments:

EPA Form 8700-13A/B (Revised (07-97)) Page 3 of 3

EXAMPLE 2
Platers, Inc.

Site Description

This example illustrates a RCRA LQG that in 1997 treated some hazardous waste on site in a system regulated under the Clean Water Act and shipped some hazardous waste off site for treatment and disposal. Platers, Inc. performs cadmium plating of fasteners. Steel fasteners enter the plant and are lowered into a degreaser to remove packing oil and grease. Tetrachloroethylene is used as a solvent in the degreaser. The fasteners are then electroplated in a cadmium cyanide plating bath. The plant plated approximately 150 million fasteners during 1997.

Hazardous Waste Generation and Management

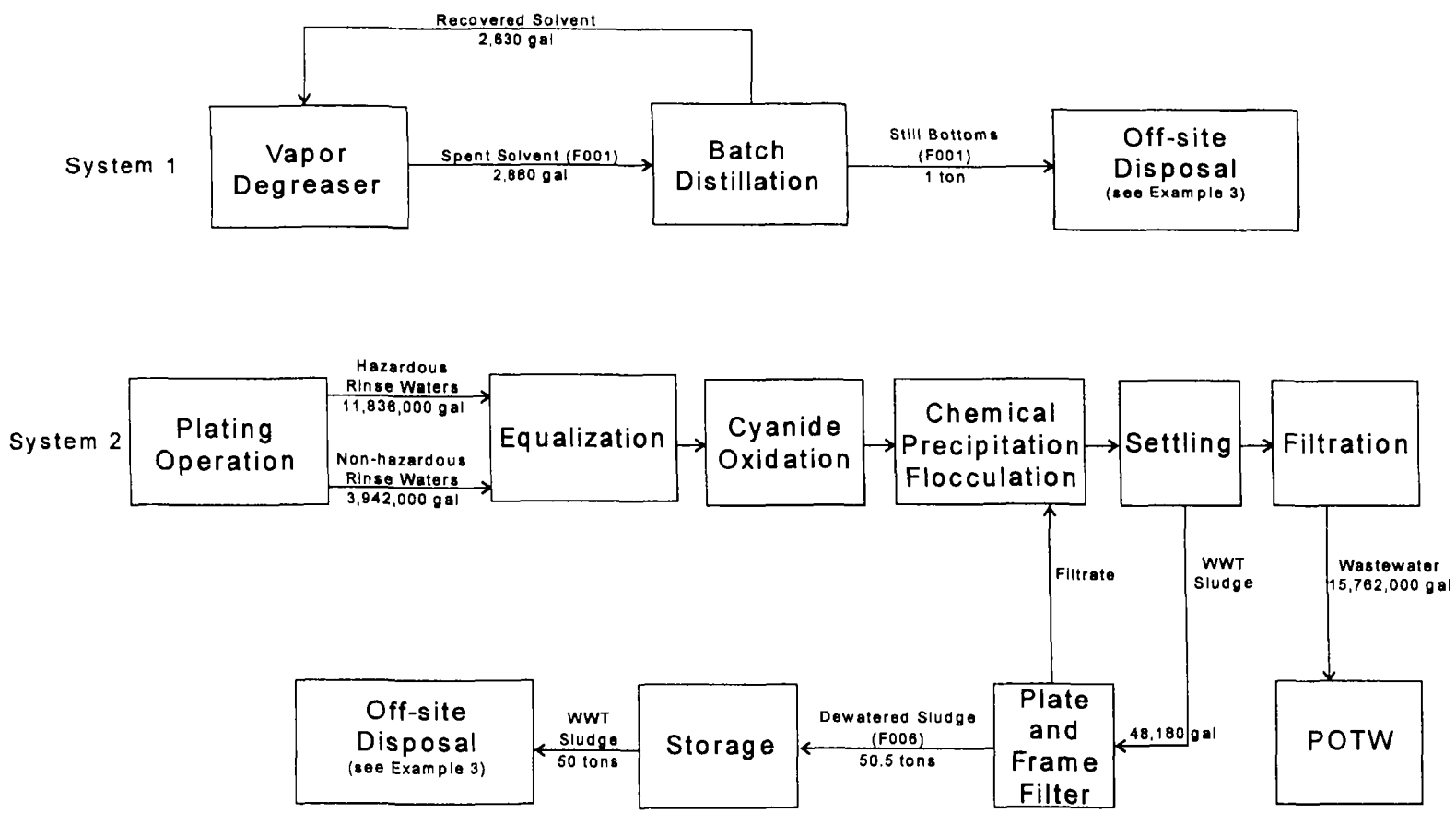
An on-site distillation unit recovers spent solvent from the degreasing operations (RCRA hazardous waste F001). In 1997, the distillation unit generated one ton of still bottoms, which was sent off site to Waste Disposal Inc. (Example 3) for incineration.

Rinse waters from cadmium plating operations may contain concentrations of cadmium exceeding 1 mg/L, these concentrations are classified as RCRA hazardous waste (EPA hazardous waste code D006). Based on normal operating procedures, the plant estimated that the rinse waters met D006 criteria approximately 75 percent of operating time. The rinse waters are managed in a wastewater treatment system, which is regulated under the Clean Water Act, using the following steps: equalization; cyanide oxidation using sodium hypochlorite; and chemical precipitation with lime and polymer additions. The wastewater then enters a settling tank. The overflow of this tank passes through a polishing sand filter and is discharged to a publicly owned treatment works (POTW). The underflow from this tank is discharged once a week to a plate and frame filter press. The filtrate is fed back to the precipitation tank and the filter cake is accumulated on site.

The sludge that the wastewater treatment system generates is a RCRA hazardous waste represented by EPA hazardous waste code F006. The plant generated approximately 18,180 gallons, or 50.5 tons, of F006 waste in 1997. Fifty tons of the F006 waste generated were sent off site to Waste Disposal, Inc. (see Example 3) for stabilization and eventual disposal in a landfill, and the remainder was accumulated on site.

The hazardous waste generation and management activities at Platers Inc. are illustrated in Figure A-2.

Figure A-2
1997 Hazardous Waste Generation and Management at Platers Inc.



gal = gallons; WWT = wastewater treatment

Forms Completed by Platers, Inc.

Form IC

The site meets the definition of a RCRA LQG because it generated more than 2,200 lbs of RCRA hazardous waste during 1997. Therefore, it is required to file the 1997 Hazardous Waste Report. (See page i, WHO MUST FILE THE 1997 HAZARDOUS WASTE REPORT.) All sites required to submit the Biennial Report must fill out Form IC.

Form IC, page 1 of 6:

Section I Site name and location address. Because it received a pre-printed site identification label, the site places the label in the top left-hand corner of the form and checks the box for "Same as label" in **Boxes A, C,** and **E through H**. In **Box B**, the site enters the appropriate county name. In **Box D**, "No" is checked to indicate that the site's name has not changed since 1995.

Section II Site mailing address. The site checks "Yes" in **Box A** to indicate that the mailing address is the same as its location address reported in Section I, and skips to Section III, according to the instructions on the form. **Boxes B through E** are therefore left blank.

Section III Contact information. In **Boxes A through C**, the site enters the name, title, and telephone number of the person to be contacted with questions on the Biennial Report forms submitted by Platers, Inc.

Section IV Certification. **Boxes A through D** are completed and signed **after** all the Biennial Report forms are filled out.

FORM IC — OMB#: 2050-0024 Expires 09/30/99

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Platers, Inc.
999 Industrial Highway
Mytown, YZ 99920-1056

EPA ID NO: EPA ID No.: YZD567890123

U.S. ENVIRONMENTAL PROTECTION AGENCY

1997 Hazardous Waste Report

FORM IC

IDENTIFICATION AND CERTIFICATION

Instructions: *Please see the detailed instructions beginning on page 7 of the instructions and forms booklet before completing this form.* In addition, the page number for instructions specific to each section is provided below.

Sec. I Site name and location address. Check the box ☐ in items A, B, C, E, F, G, and H if same as label; if different, enter corrections. If label is *absent, enter information. Instructions page 7.*

A. EPA ID No. Same as label ☒ or →	B. County Same as label ☐ or → Mercury
C. Site/company name Same as label ☒ or →	D. Has the site name associated with this EPA ID changed since 1995? ☐ 1 Yes ☒ 2 No
E. Street name and number. If not applicable, enter industrial park, building name, or other physical location description. Same as label ☒ or →	
F. City, town, village Same as label ☒ or →	G. State Same as label ☒ or → / H. Zip Code Same as label ☒ or →

Sec. II Mailing address of site. Instructions page 7.

A. Is the mailing address the same as the location address? ☒ 1 Yes (SKIP TO SEC. III) ☐ 2 No (CONTINUE TO BOX B)

B. Number and street name of mailing address		
C. City, town, village	D. State	E. Zip Code

Sec. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instructions page 7.

A. Last Name	First name	M.I.	B. Title	C. Telephone Number
Doe	Mary	J.	Environmental Engineer	999-929-0000 Extension 202

Sec. IV "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations." *Instructions page 8.*

A. Last Name	First name	M.I.	B. Title
Smith	George	C.	Vice President

C. Signature: George C. Smith

D. Date of signature: 02 20 98 (Month Day Year)

Over →

Forms Completed by Platers, Inc.

Form IC (continued), page 2 of 6:

The site enters its EPA ID number in the space provided in the top right-hand corner of the page.

Section V Generator status. Code 1 is checked in **Box A** to indicate that the site met the definition of a RCRA LQG in 1997. The site skips **Box B** according to the instructions on the form.

Section VI On-site waste management status. In **Box A**, Code 3 is entered to indicate that the site used storage containers subject to RCRA permitting requirements during 1997. Code 1 is entered in **Box B** to indicate that the site had no on-site treatment, disposal, or recycling subject to RCRA permitting requirements, and has no plans to develop any on-site capacity for treatment, disposal, or recycling subject to RCRA permitting requirements.

FORM IC

EPA ID NO. Y Z D 5 6 7 8 9 0 1 2 3

Sec. V	Generator status. Instructions begin on page 8.	
A. 1997 RCRA generator status (CHECK ONE BOX BELOW)	B. Reason for not generating (CHECK ALL THAT APPLY)	
☒ 1 LQG ☐ 2 SQG ☐ 3 CESQG } SKIP TO SEC. VI ☐ 4 Non-generator (CONTINUE TO BOX B)	☐ 1 Never generated ☐ 2 Out of business ☐ 3 Only excluded or delisted waste ☐ 4 Only non-hazardous waste	☐ 5 Periodic or occasional generator ☐ 6 Waste minimization activity ☐ 7 Other (SPECIFY IN COMMENTS BOX BELOW)

Sec. VI	On-site waste management status. Instructions page 10.
A. Storage subject to RCRA permitting requirements 3	B. Treatment, disposal, or recycling subject to RCRA permitting requirements 1

Comments:

Forms Completed by Platers, Inc.

Form GM

A site required to submit the 1997 Hazardous Waste Report must fill out Form GM for each RCRA hazardous waste that is generated and managed on site, or generated on site and shipped off site for management, unless the waste is managed in a system regulated under the Clean Water Act or Safe Drinking Water Act. If so, only one GM form has to be filled out using System Type codes M134 (Deepwell/underground injection), M135 (Direct discharge to sewer/POTW), or M136 (Direct discharge to surface water under NPDES). Therefore, Platers, Inc. filled out four GM forms for the following RCRA hazardous wastes:

- The spent solvent (Form GM, page 3 of 6) from the degreasing operations;
- The still bottoms (Form GM, page 4 of 6) generated from the on-site recycling of hazardous waste (i.e., the spent solvent);
- The characteristically hazardous rinse waters (Form GM, page 5 of 6) from cadmium plating operations; and
- The wastewater treatment sludge (Form GM, page 6 of 6) generated as a residual from the on-site treatment of hazardous rinse waters.

Because of changes made to the 1997 Biennial Report, RCRA hazardous wastes that were managed on site in systems regulated under the Clean Water Act or Safe Drinking Water Act should be reported as managed in an off-site POTW rather than in an on-site chemical precipitation system. In addition, the facility does not need to complete Form PS for its on-site hazardous waste management systems because this form has been eliminated from the 1997 Biennial Report.

Forms Completed by Platers, Inc.

Form GM, page 3 of 6: A hazardous waste (spent halogenated solvent) generated on site from a production process or service activity.

Section I Waste characteristics. A narrative description of the waste is entered in **Box A**. The EPA waste code (F001) for the spent solvent is entered in **Box B**. **Box C** is left blank because there are no state-defined hazardous waste codes applicable to this waste. The SIC code associated with the overall activities at the site, which is 3471 for plating and polishing, is entered in **Box D**. An Origin code of 1 is entered in **Box E** to indicate that the waste was generated on site from a production process or service activity. "NA" is entered in System Type, **Box E**, since the waste was not a residual from on-site treatment of a hazardous waste. The Source code for vapor degreasing, A07, is entered in **Box F**. Code 1 is entered in **Box G** because the waste was not mixed with any other wastes prior to being measured. In **Box H**, the Form code for halogenated solvent, B202, is entered. Code 2 is entered for **Box I** because the waste is not mixed with radioactive materials.

Section II On-site generation and management of hazardous waste. In **Box A**, the quantity of the hazardous waste generated in 1997 is reported. In **Box B**, Code 5 is entered, indicating that the unit of measure for the quantity reported in **Box A** is gallons. *Since gallons is a volumetric measure, density is also reported in* **Box B**. **Box C** is checked "Yes" because the waste was recycled on site. In **On-site Process System 1**, M021 is entered, indicating that the waste was recycled using fractionation/ distillation. The quantity recycled is entered using the same unit of measure reported in Section II, **Box B**.

Section III Off-site shipment of hazardous waste. In **Box A**, "No" is checked because the waste was recycled on site during 1997. **Boxes B through E** are left blank according to the instructions ("Form is complete.")

The still bottoms are <u>not</u> reported on the same Form GM as the spent solvent; the still bottoms are considered a separate waste, reported on Form GM, page 4 of 6.

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Platers, Inc.
999 Industrial Highway
Mytown, YZ 99920-1056

EPA ID NO: EPA ID No.: YZD567890123

U.S. ENVIRONMENTAL PROTECTION AGENCY

1997 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 11 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. I

A. Waste description (page 12): Spent halogenated solvents from degreasing operations.

B. EPA hazardous waste code (page 12): F001 NA NA NA

C. State hazardous waste code (page 13):

D. SIC code (page 13)	E. Origin code (page 13)	F. Source code (page 14)	G. Point of measurement (p. 14)	H. Form code (page 14)	I. RCRA-radioactive mixed (page 14)
3711	1 System Type: M NA	A07	1	B202	2

Sec. II

A. Quantity generated in 1997 (page 15): 2880.0

B. UOM (page 15): 5 Density: 8.000 ☒ 1 lbs/gal ☐ 2 sg

C. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (page 15)
☒ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☐ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type (page 16)	Quantity treated, disposed, or recycled on site in 1997 (page 16)	On-site process system type (page 16)	Quantity treated, disposed, or recycled on site in 1997 (page 16)
M021	2880.0	M	

Sec. III

A. Was any of this waste shipped off site in 1997 for treatment, disposal, or recycling? (page 17)
☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility waste was shipped to (page 17)	C. System type shipped to (p. 17)	D. Off-site availability code (page 17)	E. Total quantity shipped in 1997 (page 17)
Site 1		M		
Site 2		M		
Site 3		M		

Comments:

Forms Completed by Platers, Inc.

Form GM, page 4 of 6 (a hazardous waste that was a residual (still bottoms) from the on-site treatment, disposal, or recycling of a previously existing hazardous waste).

Before copying or entering information on this form, the site attaches one of the pre-printed site identification labels in the top left-hand corner of the form.

Section I Waste characteristics. A narrative description of the waste is entered in **Box A**. The appropriate EPA hazardous waste code for the waste, F001, is entered in **Box B**; "NA" is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank because there are no State-defined hazardous waste codes applicable to this waste. The SIC code associated with the overall activities at the site, which is 3471 for plating and polishing, is entered in **Box D**. An Origin code of 5 is entered in **Box E**, indicating that the waste is a residual from on-site treatment of a previously existing hazardous waste. The System Type code M021 is also entered in **Box E** to indicate that the residual was generated from a distillation system. The Source code for solvent recovery, A73, is entered in **Box F**. Code 1 is entered in **Box G** because the waste was not mixed with any other wastes prior to being measured. In **Box H**, the Form code for still bottoms of halogenated solvents, B601, is entered. Code 2 is entered in **Box I** because the waste is not mixed with radioactive materials.

Section II On-site generation and management of hazardous waste. In **Box A**, the quantity of the hazardous waste generated in 1997 is reported. In **Box B**, Code 2 is entered, indicating that the unit of measure for the quantity reported in **Box A** is tons. Density and density unit of measure are left blank because "tons" is not a volumetric unit of measure. **Box C** is checked "No" because the site did not treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW, and the site skips to Section III as instructed. Therefore, under **On-site Process Systems 1 and 2**, on-site process system type and quantity treated, disposed, or recycled on site are left blank.

Section III Off-site shipment of hazardous waste. In **Box A**, "Yes" is checked because the waste was shipped off site for management during 1997. In **Box B**, the site enters the EPA ID number of the site to which the waste was shipped. The off-site system type in which the hazardous waste was managed, M042 for incineration of sludges, is reported in **Box C**. In **Box D**, Code 1 is entered to indicate that the off-site facility is a commercial hazardous waste management facility. The quantity of waste shipped to the facility during 1997 is recorded in **Box E**, using the same unit of measure as reported in Section II, **Box B**. "NA" is marked in **Box B** for Site 2 and Site 3.

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Platers, Inc.
999 Industrial Highway
Mytown, YZ 99920-1056

EPA ID NO: EPA ID No.: YZD567890123

U.S. ENVIRONMENTAL PROTECTION AGENCY

1997 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 11 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. I

A. Waste description (page 12): Still bottoms generated from the on-site recycling of spent halogenated solvent.

B. EPA hazardous waste code (page 12): F001 NA NA NA NA

C. State hazardous waste code (page 13):

D. SIC code (page 13)	E. Origin code (page 13)	F. Source code (page 14)	G. Point of measurement (p. 14)	H. Form code (page 14)	I. RCRA-radioactive mixed (page 14)
3471	5 System Type: M021	A73	1	B601	2

Sec. II

A. Quantity generated in 1997 (page 15): 10

B. UOM (page 15): 2 Density: ☐ 1 lbs/gal ☐ 2 sg

C. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (page 15)

☐ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type (page 16)	Quantity treated, disposed, or recycled on site in 1997 (page 16)	On-site process system type (page 16)	Quantity treated, disposed, or recycled on site in 1997 (page 16)
M		M	

Sec. III

A. Was any of this waste shipped off site in 1997 for treatment, disposal, or recycling? (page 17)
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility waste was shipped to (page 17)	C. System type shipped to (p. 17)	D. Off-site availability code (page 17)	E. Total quantity shipped in 1997 (page 17)
Site 1	ABD 586 810 349	M042		10
Site 2	NA	M		
Site 3	NA	M		

Comments.

Forms Completed by Platers, Inc.

Form GM, page 5 of 6: A hazardous waste (rinse waters from electroplating operation) generated on site from a production process or service activity.

Section I Waste characteristics. A narrative description of the waste is entered in **Box A**. The appropriate EPA waste code for the waste D006, is entered in **Box B**; "NA" is entered in the remaining spaces for the EPA hazardous wastes. **Box C** is left blank because there are no state-defined hazardous waste codes applicable to this waste. The SIC code associated with the overall activities at the site, which is 3471 for plating and polishing, is entered in **Box D**. An Origin Code of 1 is entered in **Box E** to indicate that the waste was generated on site from a production process or service activity. "NA" is entered in System Type, **Box E**, since the waste was not a residual from on-site treatment of a hazardous waste. The Source code for electroplating, A22, is entered in **Box F**. Code 1 is entered in **Box G** because the waste was not mixed with any other waste prior to being measured. In **Box H**, the Form code for caustic solution with metals and cyanide B107, is entered. Code 2 is entered for **Box I** because the RCRA waste (D006) is not mixed with radioactive materials.

Section II On-site generation and management of hazardous waste. In **Box A**, the quantity of hazardous waste generated in 1997 is reported. In **Box B**, code 5 is entered, indicating that the unit of measurement for the quantity reported in **Box A** is gallons. Since gallons is a volumetric measure, density is also reported in **Box B**. **Box C** is checked "Yes" because the waste was discharged to a POTW. In **On-site System 1**, the System Type is recorded as M135 (Discharge to sewer/POTW), and the quantity of waste that entered the pre-treatment system is recorded, using the same unit of measure reported in Section II, **Box C**. The System Type in **On-Site System 2** is marked "NA" to indicate that no other system was used in the management of this waste.

Section III **Box A** is checked "No" to indicate that the waste was not shipped off site in 1997. **Boxes B through D are left blank**.

The wastewater treatment sludge is not reported on the same page as the rinse water. The sludge is considered a separate waste and is reported on Form GM, page 6 of 6.

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Platers, Inc.
999 Industrial Highway
Mytown, YZ 99920-1056

EPA ID NO: EPA ID No.: YZD567890123

U.S. ENVIRONMENTAL PROTECTION AGENCY

1997 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 11 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. I

A. Waste description (page 12): Rinsewaters from electroplating operations characteristically hazardous for Cadmium.

B. EPA hazardous waste code (page 12): D006 / NA / NA / NA / NA

C. State hazardous waste code (page 13):

D. SIC code (page 13)	E. Origin code (page 13)	F. Source code (page 14)	G. Point of measurement (p. 14)	H. Form code (page 14)	I. RCRA-radioactive mixed (page 14)
3471	1 — System Type: M / NA	A22	1	B107	2

Sec. II

A. Quantity generated in 1997 (page 15): 1183600.0

B. UOM (page 15): 5 — Density: 1.00 ☐ 1 lbs/gal ☒ 2 sg

C. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (page 15)
☒ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☐ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type (page 16)	Quantity treated, disposed, or recycled on site in 1997 (page 16)	On-site process system type (page 16)	Quantity treated, disposed, or recycled on site in 1997 (page 16)
M15	1183600.0	M	

Sec. III

A. Was any of this waste shipped off site in 1997 for treatment, disposal, or recycling? (page 17)
☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility waste was shipped to (page 17)	C. System type shipped to (p. 17)	D. Off-site availability code (page 17)	E. Total quantity shipped in 1997 (page 17)
Site 1		M		
Site 2		M		
Site 3		M		

Comments:

Forms Completed by Platers, Inc.

Form GM, page 6 of 6 (a hazardous waste that was a residual (wastewater treatment sludge) from the on-site treatment, disposal, or recycling of a previously existing hazardous waste).

Section I Waste characteristics. A narrative description of the waste is entered in **Box A**. The appropriate EPA hazardous waste code for the waste, F006, is entered in **Box B**; "NA" is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank because there are no State-defined hazardous waste codes applicable to the waste. The SIC code associated with the overall activities at the site, which is 3471 for plating and polishing, is entered in **Box D**. An Origin code of 5 is entered in **Box E**, indicating that the waste is a residual from the on-site recycling of a previously existing hazardous waste. The System Type code M077 is also entered in **Box E** to indicate that the residual was generated from a chemical precipitation system. The Source code for wastewater treatment, A75, is entered in **Box F**. Code 1 is entered in **Box G** because the waste was not mixed with any other wastes prior to being measured. The Form code for lime sludge with metals/metal hydroxide sludge, B502, is entered in **Box H**. Code 2 is entered in **Box I** because the waste is not mixed with radioactive materials.

Section II On-site generation and management of hazardous waste. In **Box A**, the quantity of the hazardous waste generated in 1997 is reported. In **Box B**, Code 2 is entered to indicate that the unit of measure for the quantity reported in **Box A** is tons. Density and density unit of measure are left blank because "tons" is not a volumetric unit of measure. **Box C** is checked "No" because the site did not treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW, and the site skips to Section III as instructed. Therefore, under **On-site Process Systems 1 and 2**, on-site process system type and quantity treated, disposed, or recycled on site are left blank.

Section III Off-site shipment of hazardous waste. In **Box A**, "Yes" is checked because the waste was shipped off site for management during 1997. The EPA ID number of the facility to which the waste was shipped is recorded in **Box B**. The off-site system type in which the waste was managed, M111 for stabilization/chemical fixation using cementitious and/or pozzolanic materials, is reported in **Box C**. Code 1 is entered in **Box D** to indicate that the off-site facility is a commercial hazardous waste management facility. The total quantity shipped in 1997 is entered in **Box E**, using the same unit of measure as reported in Section II, **Box B**. "NA" is marked in **Box B** for Site 2 and Site 3.

Because more waste was generated in 1997 than was sent off site for treatment and eventual disposal, the quantities reported in Section II, **Box A** (quantity generated in 1997) and in Section III, **Box E** (quantity shipped off site in 1997) are different.

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Platers, Inc.
999 Industrial Highway
Mytown, YZ 99920-1056

EPA ID NO: EPA ID No.: YZD567890123

U.S. ENVIRONMENTAL PROTECTION AGENCY

1997 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 11 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. I

A. Waste description (page 12): Wastewater treatment sludge

B. EPA hazardous waste code (page 12): F006, NA, NA, NA, NA

C. State hazardous waste code (page 13):

D. SIC code (page 13)	E. Origin code (page 13)	F. Source code (page 14)	G. Point of measurement (p. 14)	H. Form code (page 14)	I. RCRA-radioactive mixed (page 14)
3471	5 System Type M077	A75	1	B502	2

Sec. II

A. Quantity generated in 1997 (page 15): 50.5

B. UOM (page 15): 2 Density: ☐ 1 lbs/gal ☐ 2 sg

C. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (page 15)

☐ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type (page 16)	Quantity treated, disposed, or recycled on site in 1997 (page 16)	On-site process system type (page 16)	Quantity treated, disposed, or recycled on site in 1997 (page 16)
M		M	

Sec. III

A. Was any of this waste shipped off site in 1997 for treatment, disposal, or recycling (page 17)
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility waste was shipped to (page 17)	C. System type shipped to (p. 17)	D. Off-site availability code (page 17)	E. Total quantity shipped in 1997 (page 17)
Site 1	ABD 586 810 349	M111	1	50.0
Site 2	NA	M		
Site 3	NA	M		

Comments:

EXAMPLE 3
Waste Disposal, Inc.

Site Description

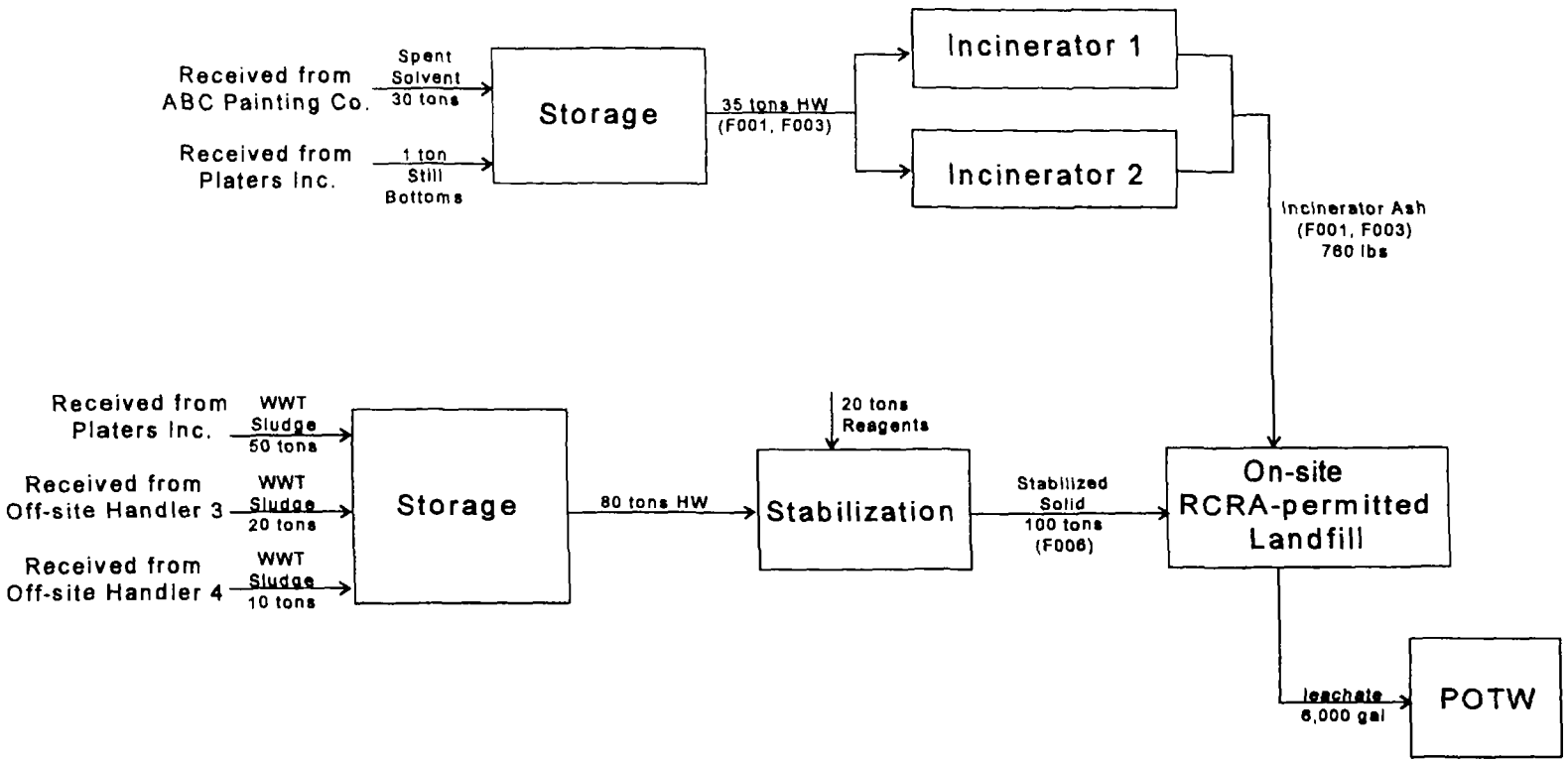
Waste Disposal, Inc. is a commercial hazardous waste treatment and disposal facility. The company receives combustible hazardous waste for incineration in two rotary kiln incinerators, both designed for incinerating liquids and sludges. The company also receives hazardous waste for cement-based stabilization. The resulting stabilized waste is disposed in an on-site RCRA-permitted landfill. The schematic diagram of the hazardous waste operations at this site is shown in Figure A-3.

Waste Management Activities

During 1997, Waste Disposal, Inc. received 30 tons of spent solvent from ABC Painting Co. (Example 1) and one ton of still bottoms from Platers, Inc. (Example 2) for incineration. In addition, four tons of spent solvent that had been stored on site at the end of 1996 were incinerated in 1997. The incineration process produced 760 pounds of ash which was disposed in the on-site landfill.

The company also received 80 tons of wastewater treatment sludge from three different generators; this waste was stabilized and then disposed in the on-site RCRA-permitted landfill. The total amount of hazardous waste entering the stabilization system during 1997 was 80 tons, and the amount exiting the stabilization system was 100 tons. About 6,000 gallons of leachate were recovered from the on-site landfill and discharged directly to a POTW (which is regulated under the Clean Water Act).

Figure A-3
1997 Hazardous Waste Management Activities at Waste Disposal Inc.



HW = hazardous waste; gal = gallons; lbs = pounds; WWT = wastewater treatment

Forms Completed by Waste Disposal, Inc.

Form IC

Waste Disposal, Inc. is required to file the 1997 Hazardous Waste Report because it treated, stored, or disposed RCRA hazardous wastes during 1997. (See page i, WHO MUST FILE THE 1997 HAZARDOUS WASTE REPORT.) All sites required to submit the Biennial Report must fill out Form IC.

Form IC, page 1 of 7:

Section I Site name and location address. The site did not receive a pre-printed site identification label. Therefore, the site enters its name and EPA ID number in the top left-hand corner of the form, and enters its name, EPA ID number, and location address in **Boxes A through C** and **E through H**. In **Box D**, "No" is checked to indicate that the site's name has not changed since 1995.

Section II Site mailing address. The site checks "No" in **Box A** to indicate that the mailing address is not the same as its location address reported in Section I. It enters the appropriate mailing address in **Boxes B through E**.

Section III Contact information. In **Boxes A through C**, the site enters the name, title, and telephone number of the person to be contacted with questions on the Biennial Report forms submitted by Waste Disposal, Inc.

Section IV Certification. **Boxes A through D** are completed and signed **after** all the Biennial Report forms are filled out.

FORM IC — OMB#: 2050-0024 Expires 09/30/99

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Waste Disposal Inc.

EPA ID NO: A B D 5 8 6 8 1 0 3 4 9

U.S. ENVIRONMENTAL PROTECTION AGENCY

1997 Hazardous Waste Report

FORM IC

IDENTIFICATION AND CERTIFICATION

Instructions: *Please see the detailed instructions beginning on page 7 of the instructions and forms booklet before completing this form.* In addition, the page number for instructions specific to each section is provided below.

Sec. I Site name and location address. Check the box ☐ in items A, B, C, E, F, G, and H if same as label; if different, enter corrections. If label is *absent, enter information. Instructions page 7.*

A. EPA ID No.
Same as label ☐ or → A B D 5 8 6 8 1 0 3 4 9

B. County
Same as label ☐ or → Universe

C. Site/company name
Same as label ☐ or → Waste Disposal Inc.

D. Has the site name associated with this EPA ID changed since 1995?
☐ 1 Yes ☒ 2 No

E. Street name and number. If not applicable, enter industrial park, building name, or other physical location description.
Same as label ☐ or → 250 Waste Treatment Boulevard

F. City, town, village
Same as label ☐ or → Mars

G. State
Same as label ☐ or → A B

H. Zip Code
Same as label ☐ or → 8 2 8 8 3 - _ _ _ _

Sec. II Mailing address of site. Instructions page 7.

A. Is the mailing address the same as the location address? ☐ 1 Yes (SKIP TO SEC. III) ☒ 2 No (CONTINUE TO BOX B)

B. Number and street name of mailing address
P.O. Box 1000

C. City, town, village
Venus

D. State
A B

E. Zip Code
8 2 8 8 1 - 1 0 0 0

Sec. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instructions page 7.

A. Last Name: Shuttle — First name: Robert — M.I.: I.

B. Title
Environ. Engineer

C. Telephone Number
7 0 7 7 1 7 - 7 1 7 0
Extension _ _ _ _

Sec. IV "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations." Instructions page 8.

A. Last Name: Shuttle — First name: Robert — M.I.: I.

B. Title
Environmental Engineer

C. Signature
Robert I Shuttle

D. Date of signature
0 2 1 1 9 8
Month Day Year

Over →

Forms Completed by Waste Disposal, Inc.

Form IC (continued), page 2 of 7:

The site enters its EPA number in the space provided in the top right-hand corner of the page.

Section V Generator status. Code 1 is checked in **Box A** to indicate that the site met the definition of a RCRA LQG in 1997. **Box B** is therefore skipped according to the instructions on the form.

Section VI On-site waste management status. In **Box A**, Code 2 is entered to indicate that the site used on-site storage tanks subject to RCRA permitting requirements during 1997. Code 3 is entered in **Box B** to indicate that the site had on-site treatment, disposal, or recycling subject to RCRA permitting requirements during 1997.

FORM IC

EPA ID NO. A B D 5 8 6 8 1 0 3 4 9

Sec. V	Generator status. Instructions begin on page 8.	
A. 1997 RCRA generator status (CHECK ONE BOX BELOW)	B. Reason for not generating (CHECK ALL THAT APPLY)	
☒ 1 LQG ☐ 2 SQG ☐ 3 CESQG } SKIP TO SEC VI ☐ 4 Non-generator (CONTINUE TO BOX B)	☐ 1 Never generated ☐ 2 Out of business ☐ 3 Only excluded or delisted waste ☐ 4 Only non-hazardous waste	☐ 5 Periodic or occasional generator ☐ 6 Waste minimization activity ☐ 7 Other (SPECIFY IN COMMENTS BOX BELOW)

Sec. VI	*On-site waste management status. Instructions page 10.*
A. Storage subject to RCRA permitting requirements 2	B. Treatment, disposal, or recycling subject to RCRA permitting requirements 3

Comments:

Forms Completed by Waste Disposal, Inc.

Form GM

A site required to submit the 1997 Hazardous Waste Report must fill out Form GM for each RCRA hazardous waste that is generated and managed on site, or generated on site and shipped off site for management, unless the waste is managed in a system regulated under the Clean Water Act or Safe Drinking Water Act. If so, only one GM form has to be filled out using System Type codes M134 (Deepwell/underground injection), M135 (Direct discharge to sewer/POTW), or M136 (Direct discharge to surface water under NPDES). Therefore, Waste Disposal, Inc. filled out three GM forms for the following RCRA hazardous wastes:

- The incinerator ash (Form GM, page 3 of 7) generated from the on-site incineration of hazardous waste;
- The stabilized solid (Form GM, page 4 of 7) generated as a residual from the on-site treatment of hazardous wastewater treatment sludge; and
- The landfill leachate (Form GM, page 5 of 7).

Because of changes made to the 1997 Biennial Report, the facility does not need to complete Form PS for its on-site hazardous waste management systems because this form has been eliminated from the 1997 Biennial Report.

Forms Completed by Waste Disposal, Inc.

Form GM, page 3 of 7 (a hazardous waste that was a residual (incinerator ash) from the on-site treatment, disposal, or recycling of a previously existing hazardous waste):

Before copying, or entering information on, this form, the site enters its name and EPA ID number in the top left-hand corner of the form.

Section I Waste characteristics. In **Box A**, a narrative description of the incinerator ash is entered. The appropriate EPA hazardous waste codes associated with the waste, F001 and F003, are entered in **Box B**; "NA" is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank because there are no State-defined hazardous waste codes applicable to the waste. The SIC code associated with overall activities at the site, 4953 for refuse systems, is entered in **Box D**. An Origin code of 5 is entered in **Box E** to indicate that the waste was a residual from the on-site treatment, disposal, or recycling of previously existing hazardous waste. The System Type code M041 is also entered in **Box E**, to indicate that the residual was generated predominantly from the incineration of liquids. In the Comments section at the bottom of the form, the site also enters M042 to indicate that the ash was a residual from the incineration of sludges. The Source code for incineration/thermal treatment, A74, is entered in **Box F**. Code 1 is entered in **Box G** because the waste was not mixed with any other wastes prior to being measured. The Form code for ash from incineration of wastes, B303, is entered in **Box H**. Code 2 is entered in **Box I** because the waste is not mixed with radioactive materials.

Because the ash is a residual that originated from two different types of incineration systems and Box E allows space for reporting only one System Type, the second System Type is reported in the Comments section, with a cross-reference to Section I, Box E.

Section II On-site generation and management of hazardous waste. In **Box A**, the quantity of the hazardous waste generated in 1997 is reported. In **Box B**, Code 1 is entered, indicating that the unit of measure for the quantity reported in **Box A** is pounds. Because "pounds" is not a volumetric measure, density and density unit of measure are left blank in **Box B**. In **Box C**, the site checks "Yes" because the waste is managed on site. Under **On-site Process System 1**, the System Type code for landfill, M132, and the quantity of waste managed on site are recorded. The quantity managed is reported in the same unit of measure as reported in **Box B**. The on-site process system type under **On-site Process System 2** is marked "NA" to indicate that no other System Type was used to manage this waste.

Section III Off-site shipment of hazardous waste. In **Box A**, "No" is checked because the waste was not shipped off site for management during 1997, and **Boxes B through E** are left blank according to the instructions on the form.

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Waste Disposal Inc.

EPA ID NO: ABD 586 810 349

U.S. ENVIRONMENTAL PROTECTION AGENCY

1997 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 11 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. I

A. Waste description (page 12): Incinerator ash from the incineration of spent solvents and still bottoms.

B. EPA hazardous waste code (page 12): F001 F003 NA NA NA

C. State hazardous waste code (page 13):

D. SIC code (page 13)	E. Origin code (page 13) / System Type	F. Source code (page 14)	G. Point of measurement (p. 14)	H. Form code (page 14)	I. RCRA-radioactive mixed (page 14)
4953	5 / M041	A74	1	B303	2

Sec. II

A. Quantity generated in 1997 (page 15): 760.0

B. UOM (page 15): 1 — Density: ☐ 1 lbs/gal ☐ 2 sg

C. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (page 15)
☒ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☐ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type (page 16)	Quantity treated, disposed, or recycled on site in 1997 (page 16)	On-site process system type (page 16)	Quantity treated, disposed, or recycled on site in 1997 (page 16)
M132	760.0	M NA	

Sec. III

A. Was any of this waste shipped off site in 1997 for treatment, disposal, or recycling? (page 17)
☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility waste was shipped to (page 17)	C. System type shipped to (p. 17)	D. Off-site availability code (page 17)	E. Total quantity shipped in 1997 (page 17)
Site 1		M		
Site 2		M		
Site 3		M		

Comments:
Sec. I, Box E: System type M042 applies to a small amount of the waste.

Forms Completed by Waste Disposal, Inc.

Form GM, page 4 of 7: A hazardous waste that was a residual (stabilized solid from treatment of wastewater treatment sludge) from the on-site treatment, disposal, or recycling of previously existing hazardous waste.

Section I Waste characteristics. In **Box A**, a narrative description of the stabilized waste is entered. The appropriate EPA hazardous waste code for the waste, F006, is entered in **Box B**; "NA" is entered in the remaining spaces for EPA hazardous waste codes. **Box C** is left blank because there are no State-defined hazardous waste codes applicable to this waste. The SIC code associated with the overall activities at the site, 4953 for refuse systems, is entered in **Box D**. An Origin code of 5 is entered in **Box E** to indicate that the waste was a residual from the on-site treatment, disposal, or recycling of previously existing hazardous waste. The System Type code M111 is also entered in **Box E** to indicate that the residual was generated from a stabilization system. The Source code for stabilization, A77, is entered in **Box F**. Code 1 is entered in **Box G** because the waste was not mixed with any other wastes prior to being measured. In **Box H**, the Form code for dry lime or chemically fixed metal hydroxide solids, B305, is entered. Code 2 is entered in **Box I** because the waste was not mixed with radioactive materials.

Section II On-site generation and management of hazardous waste. In **Box A**, the quantity of the hazardous waste generated in 1997 is reported. In **Box B**, Code 2 is entered, indicating that the unit of measure for the quantity reported in **Box A** is tons. Because "tons" is not a volumetric unit of measure, density and density unit of measure are left blank in **Box B**. **Box C** is checked "Yes" because the waste was managed on site. Under **On-site Process System 1**, the System Type code for landfill, M132, and the quantity of waste managed on site are recorded. The quantity is reported in the same unit of measure as reported in **Box B**. The on-site process system type under **On-site Process System 2** is marked "NA" to indicate that no other System Type was used to manage this waste.

Section III Off-site shipment of hazardous waste. In **Box A**, "No" is checked because the waste was not shipped off site for management during 1997. **Boxes B through E** are left blank according to the instructions on the form.

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Waste Disposal Inc.

EPA ID NO: A B D 5 8 6 8 1 0 3 4 9

U.S. ENVIRONMENTAL PROTECTION AGENCY

1997 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 11 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. I

A. Waste description (page 12): Stabilized solid generated from stabilizing wastewater treatment sludge.

B. EPA hazardous waste code (page 12): F 0 0 6 N A; N A; N A

C. State hazardous waste code (page 13):

D. SIC code (page 13)	E. Origin code (page 13)	F. Source code (page 14)	G. Point of measurement (p. 14)	H. Form code (page 14)	I. RCRA-radioactive mixed (page 14)
4 9 5 3	5 System Type M 1 1 1	A 7 7	1	B 3 0 5	2

Sec. II

A. Quantity generated in 1997 (page 15): 1 0 0 . 0

B. UOM (page 15): 2
Density: .
☐ 1 lbs/gal ☐ 2 sg

C. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (page 15)
☒ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☐ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type (page 16): M 1 3 2

Quantity treated, disposed, or recycled on site in 1997 (page 16): 1 0 0 . 0

ON-SITE PROCESS SYSTEM 2

On-site process system type (page 16): M N A

Quantity treated, disposed, or recycled on site in 1997 (page 16): .

Sec. III

A. Was any of this waste shipped off site in 1997 for treatment, disposal, or recycling? (page 17)
☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility waste was shipped to (page 17)	C. System type shipped to (p. 17)	D. Off-site availability code (page 17)	E. Total quantity shipped in 1997 (page 17)
Site 1		M		.
Site 2		M		.
Site 3		M		.

Comments:

Forms Completed by Waste Disposal, Inc.

Form GM, page 5 of 7: A hazardous waste that was a residual (landfill leachate discharged to a POTW) from the on-site treatment, disposal, or recycling of a previously existing hazardous waste.

Section I Waste characteristics. In **Box A**, a narrative description of the waste is entered. The appropriate EPA waste codes for the wastes F006, F001, and F003 are entered in **Box B**; "NA" *is entered in the remaining spaces for EPA hazardous waste codes.* **Box C** *is* left blank because there are no State-defined hazardous waste codes applicable to this waste. The SIC code associated with the overall activities at the site, 4953 for refuse systems, is entered in **Box D**. An Origin code of 5 is entered in **Box E** to indicate that the waste is a residual from on-site treatment, disposal, or recycling of previously existing hazardous waste. The System Type code M132 is entered in **Box E** to indicate that the leachate was generated from a landfill. The Source code for leachate collection, A79, is entered in **Box F**. Code 1 is entered in **Box G** because the waste was not mixed with any other wastes prior to being measured. In **Box H**, the Form code for aqueous waste with low dissolved solids, B114, is entered. Code 2 is entered in **Box I** because the waste was not mixed with radioactive materials.

Section II On-site generation and management of hazardous waste. In **Box A**, the quantity of leachate generated in 1997 is reported. In **Box B**, Code 5 is entered, indicating that the unit of measure for the quantity reported in **Box A** is gallons. Since gallons is a volumetric unit of measure, density is also reported in **Box B**. **Box C** is checked "Yes" because the waste was discharged to a POTW. Under **On-site Process System 1**, the system code for discharge to sewer/POTW, M135, and the quantity of waste generated that is ultimately discharged to the POTW are reported. The quantity is reported in the same unit of measure as reported in **Box B**. The on-site process system type under **On-site Process System 2** is marked "NA" to indicate that no other System Type was used to manage this waste.

Section III Off-site shipment of hazardous waste. In **Box A**, "No" is checked because the waste was <u>not</u> shipped off site for management in a RCRA regulated unit during 1997. **Boxes B through E** are left blank according to the instructions on the form.

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Waste Disposal Inc.

EPA ID NO: A B C 5 8 6 8 1 0 3 4 9

U.S. ENVIRONMENTAL PROTECTION AGENCY

1997 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 11 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. I

A. Waste description (page 12): Landfill leachate discharged to POTW.

B. EPA hazardous waste code (page 12): F 0 0 6 F 0 0 1 F 0 0 3 N A N A

C. State hazardous waste code (page 13):

D. SIC code (page 13)	E. Origin code (page 13)	F. Source code (page 14)	G. Point of measurement (p. 14)	H. Form code (page 14)	I. RCRA-radioactive mixed (page 14)
4 9 5 3	5 System Type M 1 3 2	A 7 9	1	B 1 1 4	2

Sec. II

A. Quantity generated in 1997 (page 15): 6 0 0 0 0 . 0

B. UOM (page 15): 5 Density 8 . 3 4 ☒ 1 lbs/gal ☐ 2 sg

C. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (page 15)

☒ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☐ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type (page 16)	Quantity treated, disposed, or recycled on site in 1997 (page 16)	On-site process system type (page 16)	Quantity treated, disposed, or recycled on site in 1997 (page 16)
M 1 3 5	6 0 0 0 0 . 0	M N A	.

Sec. III

A. Was any of this waste shipped off site in 1997 for treatment, disposal, or recycling? (page 17)
☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility waste was shipped to (page 17)	C. System type shipped to (p. 17)	D. Off-site availability code (page 17)	E. Total quantity shipped in 1997 (page 17)
Site 1		M		.
Site 2		M		.
Site 3		M		.

Comments:
Section 1, Box B: F001, F003 codes are from incinerator ash.

Forms Completed by Waste Disposal, Inc.

Form WR

All wastes received from off site during 1997 and managed on site. One form has space to report three wastes received from off site. In this example, hazardous wastes received from five generators are reported on two WR Forms – three wastes on one form and two on another form. Waste 1 on page 6 was received from the ABC Painting Co. (Example 1). Wastes 2 and 3 on page 6 were received from Platers, Inc. (Example 2). These two wastes are reported separately on Form WR.

Form WR, pages 6 and 7 of 7:

The site enters its name and EPA ID number in the top left-hand corner of the form.

Wastes 1, 2, and 3	In **Box A**, a narrative description of the waste received from off site is entered. In **Box B**, the site enters the appropriate EPA hazardous waste codes for the waste. **Box C** is left blank, unless the State defines separate waste codes relevant to the waste. The EPA ID number of the site from which the waste was received is entered in **Box D**. In **Box E**, the quantity received is entered. In **Box F**, the unit of measure is reported for the waste quantity recorded in **Box E**. If the unit of measure is volumetric, density and density unit of measure also are reported in **Box F**; otherwise, they are left blank. In **Box G**, the appropriate Form code for the waste is entered. **Box H** indicates whether the waste was mixed with radioactive materials. In **Box I**, the appropriate System Type code for the system in which the waste was managed is reported.

FORM WR

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Waste Disposal Inc.

EPA ID NO: ABD 586 810 349

U.S. ENVIRONMENTAL PROTECTION AGENCY

1997 Hazardous Waste Report

FORM WR

WASTE RECEIVED FROM OFF SITE

Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Waste 1	A. Description of hazardous waste (page 19)	B. EPA hazardous waste code (page 20)	C. State hazardous waste code (page 20)
	Ignitable spent solvent; mixture of xylene and acetone	F003 NA / NA NA	

D. Off-site handler EPA ID number (page 20)	E. Quantity received in 1997 (page 20)	F. UOM (page 20)	Density
XYD 910 848 737	7500.0	5	8.00 ☒ 1 lbs/gal ☐ 2 sg

G. Form code (page 21)	H. RCRA-radioactive mixed (page 21)	I. System type (page 21)
B 203	2	M 041

Waste 2	A. Description of hazardous waste (page 19)	B. EPA hazardous waste code (page 20)	C. State hazardous waste code (page 20)
	Still bottoms, halogenated solvent.	F001 NA / NA NA	

D. Off-site handler EPA ID number (page 20) ☐ Check if same as in Waste 1	E. Quantity received in 1997 (page 20)	F. UOM (page 20)	Density
YZD 567 890 123	1.0	2	☐ 1 lbs/gal ☐ 2 sg

G. Form code (page 21)	H. RCRA-radioactive mixed (page 21)	I. System type (page 21)
B 601	2	M 042

Waste 3	A. Description of hazardous waste (page 19)	B. EPA hazardous waste code (page 20)	C. State hazardous waste code (page 20)
	Wastewater treatment sludge	F001 NA / NA NA	

D. Off-site handler EPA ID number (page 20) ☒ Check if same as in Waste 2	E. Quantity received in 1997 (page 20)	F. UOM (page 20)	Density
	50.0	2	☐ 1 lbs/gal ☐ 2 sg

G. Form code (page 21)	H. RCRA-radioactive mixed (page 21)	I. System type (page 21)
B 502	2	M 111

Comments:

EXAMPLES
(Continued)

FORM OI

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Waste Disposal Inc.

EPA ID NO: A B D 5 8 6 8 1 0 3 4 9

U.S. ENVIRONMENTAL PROTECTION AGENCY

1997 Hazardous Waste Report

FORM WR

WASTE RECEIVED FROM OFF SITE

Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Waste 1	A. Description of hazardous waste (page 19)	B. EPA hazardous waste code (page 20)	C. State hazardous waste code (page 20)
	Wastewater treatment sludge	F 0 0 6 / N A / N A / N A	

D. Off-site handler EPA ID number (page 20)	E. Quantity received in 1997 (page 20)	F. UOM (page 20)	Density
C D D 9 8 7 6 5 4 3 2 1	2 0 . 0	2	☐ 1 lbs/gal ☐ 2 sg

G. Form code (page 21)	H. RCRA-radioactive mixed (page 21)	I. System type (page 21)
B 5 0 2	2	M 1 1 1

Waste 2	A. Description of hazardous waste (page 19)	B. EPA hazardous waste code (page 20)	C. State hazardous waste code (page 20)
	Wastewater treatment sludge	F 0 0 6 / N A / N A / N A	

D. Off-site handler EPA ID number (page 20) ☐ Check if same as in Waste 1	E. Quantity received in 1997 (page 20)	F. UOM (page 20)	Density
E F D 1 2 3 4 5 6 7 8 9	1 0 . 0	2	☐ 1 lbs/gal ☐ 2 sg

G. Form code (page 21)	H. RCRA-radioactive mixed (page 21)	I. System type (page 21)
B 5 0 2	2	M 1 1 1

Waste 3	A. Description of hazardous waste (page 19)	B. EPA hazardous waste code (page 20)	C. State hazardous waste code (page 20)

D. Off-site handler EPA ID number (page 20) ☐ Check if same as in Waste 2	E. Quantity received in 1997 (page 20)	F. UOM (page 20)	Density
	.		☐ 1 lbs/gal ☐ 2 sg

G. Form code (page 21)	H. RCRA-radioactive mixed (page 21)	I. System type (page 21)
B		M

Comments:

☆ U.S. GOVERNMENT PRINTING OFFICE: 1997-615-114/90349

QUESTION AND ANSWER FACT SHEET

1998 Annual Operation Fees for Hazardous Waste Facilities

Indiana Code 13-22-12 requires the Indiana Department of Environmental Management (IDEM) to assess Hazardous Waste Annual Operation Fees by January 15, 1998.

WHO OWES THE ANNUAL OPERATION FEES? Annual operation fees apply to facilities that are operating under a permit, are interim status, or otherwise manage hazardous waste subject to regulation under IC 13-22-12, as of January 1, 1998.

WHAT ARE THE FEE CATEGORIES? The annual operation fee categories and fee amounts are as follows:

Land Disposal	$37,500
Incinerator (per unit)	$10,000
Storage	$ 2,500
Treatment	$10,000
Generator	$ 1,565
Post Closure Activity	$ 1,500
Groundwater Compliance Sampling At Active Facilities (per well)	$ 1,000

WHAT IS POST CLOSURE ACTIVITY? You are subject to the post closure activity fee if your facility has permanently discontinued accepting waste for disposal or is subject to a post-closure care plan as of January 1, 1998.

WHAT IS GROUNDWATER COMPLIANCE SAMPLING? You are subject to the groundwater compliance sampling fee if you are operating a land disposal facility with a Part B permit. This fee is assessed on a per well basis (each well in a cluster is counted separately) and only includes those wells required by the Part B permit or by rules that were in existence, for this billing year, on January 1, 1998.

HOW WERE FEES ASSESSED? The 1998 annual operation fees for your facility have been assessed by IDEM staff based upon your permit or other available information. A facility that is described in more than one annual operation fee category must pay the applicable fee for each category. Annual operation fees are assessed from TSDs that are operating as of January 1, 1998. Large Quantity Generators owe a fee in 1998 for activities of the previous year. If you disagree with this assessment, please submit the fee assessed to you by IDEM and a written explanation of your disagreement to Ms. Pat Beeler of the Office of Solid and Hazardous Waste Management at the address on the invoice. A reimbursement will be issued if IDEM's assessment was in error.

A semi-annual or quarterly installment plan can be granted if requested in writing by January 31, 1998. The request must be written with an explanation and addressed to the attention of Pat Beeler. 10% late fees are assessed for late payments and for late installment payments.

WHAT IF I AM ALSO A GENERATOR? If your facility is also a large quantity generator, a separate fee is due, but it will be included within the same invoice.

WHERE DO I SEND THE PAYMENT? Make check or money order payable to the Indiana Department of Environmental Management. Please send your payment and the enclosed invoice to the address indicated on the invoice. In addition, also send a self-addressed envelope if you would like to receive a copy of your payment receipt.

WHEN IS THE PAYMENT DUE? Your payment must be postmarked by February 15, 1998.

NOTE: IF THE FEE IS NOT REMITTED 30 DAYS AFTER THE INSTALLMENT IS DUE, OR WITHIN 60 DAYS AFTER THE DATE THE FEES ARE ASSESSED, A DELINQUENCY CHARGE EQUAL TO 10% OF THE FEE WILL BE ASSESSED, AND YOU MAY BE LIABLE FOR A CIVIL PENALTY OF UP TO $25,000 PER DAY. FURTHER DELINQUENCY MAY RESULT IN REVOCATION OF A PERMIT.

WHOM DO I CONTACT IF I HAVE QUESTIONS?
If you have any questions regarding your fees, you may call:

Ms. Pat Beeler 317-233-0408, Phone

317-232-3403, FAX.

HOW WERE FEES ASSESSED? The 1998 annual operation fees for your facility have been assessed by IDEM staff based upon your permit or other available information. A facility that is described in more than one annual operation fee category must pay the applicable fee for each category. Annual operation fees are assessed from TSDs that are operating as of January 1, 1998. Large Quantity Generators owe a fee in 1998 for activities of the previous year. If you disagree with this assessment, please submit the fee assessed to you by IDEM and a written explanation of your disagreement to Ms. Pat Beeler of the Office of Solid and Hazardous Waste Management at the address on the invoice. A reimbursement will be issued if IDEM's assessment was in error.

A semi-annual or quarterly installment plan can be granted if requested in writing by January 31, 1998. The request must be written with an explanation and addressed to the attention of Pat Beeler. 10% late fees are assessed for late payments and for late installment payments.

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WHOM DO I CONTACT IF I HAVE QUESTIONS?
If you have any questions regarding your fees, you may call:

Ms. Pat Beeler 317-233-0408, Phone

317-232-3403, FAX.

SIC CODES

SIC Code Industry

AGRICULTURE

AGRICULTURAL PRODUCTION--CROPS

0111 Wheat
0112 Rice
0115 Corn
0116 Soybeans
0119 Cash grains, nec
0131 Cotton
0132 Tobacco
0133 Sugar cane and sugar beets
0134 Irish potatoes
0139 Field crops, except cash grains, nec
0161 Vegetables and melons
0171 Berry crops
0172 Grapes
0173 Tree nuts
0174 Citrus fruits
0175 Deciduous tree fruits
0179 Fruits and tree nuts, nec
0181 Ornamental nursery products
0182 Food crops grown under cover
0191 General farms, primarily crops

AGRICULTURAL PRODUCTION--LIVESTOCK

0211 Beef cattle feedlots
0212 Beef cattle, except feedlots
0213 Hogs
0214 Sheep and goats
0219 General livestock, nec
0241 Dairy farms
0251 Broiler, fryer, and roaster chickens
0252 Chicken eggs
0253 Turkeys and turkey eggs
0254 Poultry hatcheries
0259 Poultry and eggs, nec
0271 Fur-bearing animals and rabbits
0272 Horses and other equines
0273 Animal aquaculture
0279 Animal specialties, nec
0291 General farms, primarily animal

AGRICULTURAL SERVICES

0711 Soil preparation services
0721 Crop planting and protecting
0722 Crop harvesting
0723 Crop preparation services for market
0724 Cotton ginning
0741 Veterinary services, for livestock
0742 Veterinary services, specialties
0751 Livestock services, except veterinary
0752 Animal specialty services
0761 Farm labor contractors
0762 Farm management services
0781 Landscape counseling and planning
0782 Lawn and garden services
0783 Ornamental shrub and tree services

FORESTRY

0811 Timber tracts
0831 Forest products
0851 Forestry services

FISHING, HUNTING, AND TRAPPING

0912 Finfish
0913 Shellfish
0919 Miscellaneous marine products
0921 Fish hatcheries and preserves
0971 Hunting, trapping, game propagation

MINING

METAL MINING

1011 Iron ores
1021 Copper ores
1031 Lead and zinc ores
1041 Gold ores
1044 Silver ores
1061 Ferroalloy ores, except vanadium
1081 Metal mining services
1094 Uranium, radium, vanadium ores
1099 Metal ores, nec

COAL MINING

1221 Bituminous coal and lignite - surface
1222 Bituminous coal - underground
1231 Anthracite mining
1241 Coal mining services

OIL AND GAS EXTRACTION

1311 Crude petroleum and natural gas
1321 Natural gas liquids
1381 Drilling oil and gas wells
1382 Oil and gas exploration services
1389 Oil and gas field services, nec

NONMETALLIC MINERALS, EXCEPT FUELS

1411 Dimension stone
1422 Crushed and broken limestone
1423 Crushed and broken granite
1429 Crushed and broken stone, nec
1442 Construction sand and gravel
1446 Industrial sand
1455 Kaolin and ball clay
1459 Clay and related minerals, nec
1474 Potash, soda and borate minerals
1475 Phosphate rock
1479 Chemical and fertilizer mining, nec
1481 Nonmetallic minerals services
1499 Miscellaneous nonmetallic minerals, nec

CONSTRUCTION

GENERAL BUILDING CONTRACTORS

1521 Single-family housing construction
1522 Residential construction, nec
1531 Operative builders
1541 Industrial buildings and warehouses
1542 Nonresidential construction, nec

HEAVY CONSTRUCTION, EXCLUDING BUILDINGS

1611 Highway and street construction
1622 Bridge, tunnel, and elevated highway
1623 Water, sewer, and utility lines
1629 Heavy construction, nec

SPECIAL TRADE CONTRACTORS

1711 Plumbing, heating, air conditioning
1721 Painting and paper hanging
1731 Electrical work
1741 Masonry and other stonework
1742 Plastering, drywall, and insulation
1743 Terrazzo, tile, marble, mosaic work
1751 Carpentry work
1752 Floor laying and floor work, nec
1761 Roofing, siding, and sheet metal work
1771 Concrete work
1781 Water well drilling
1791 Structural steel erection
1793 Glass and glazing work
1794 Excavation work
1795 Wrecking and demolition work
1796 Installing building equipment, nec
1799 Special trade contractors, nec

MANUFACTURING

FOOD AND KINDRED PRODUCTS

2011 Meat packing plants
2013 Sausages and other prepared meats
2015 Poultry slaughtering and processing
2021 Creamery butter
2022 Cheese, natural and processed
2023 Dry, condensed, evaporated products
2024 Ice cream and frozen desserts
2026 Fluid milk
2032 Canned specialties
2033 Canned fruits and vegetables
2034 Dehydrated fruits, vegetables, soups
2035 Pickles, sauces, and salad dressings
2037 Frozen fruits and vegetables
2038 Frozen specialties, nec
2041 Flour and other grain mill products
2043 Cereal breakfast foods
2044 Rice milling
2045 Prepared flour mixes and doughs
2046 Wet corn milling
2047 Dog and cat food
2048 Prepared feeds, nec

Note: nec = not elsewhere classified.

SIC CODES
(Continued)

SIC Code	Industry
2051	Bread, cake, and related products
2052	Cookies and crackers
2053	Frozen bakery products, except bread
2061	Raw cane sugar
2062	Cane sugar refining
2063	Beet sugar
2064	Candy and other confectionery products
2066	Chocolate and cocoa products
2067	Chewing gum
2068	Salted and roasted nuts and seeds
2074	Cottonseed oil mills
2075	Soybean oil mills
2076	Vegetable oil mills, nec
2077	Animal and marine fats and oils
2079	Edible fats and oils, nec
2082	Malt beverages
2083	Malt
2084	Wines, brandy, and brandy spirits
2085	Distilled and blended liquors
2086	Bottled and canned soft drinks
2087	Flavoring extracts and syrups, nec
2091	Canned and cured fish and seafood
2092	Fresh or frozen prepared fish
2095	Roasted coffee
2097	Manufactured ice
2098	Macaroni and spaghetti
2099	Food preparations, nec
TOBACCO PRODUCTS	
2111	Cigarettes
2121	Cigars
2131	Chewing and smoking tobacco
2141	Tobacco stemming and redrying
TEXTILE MILL PRODUCTS	
2211	Broadwoven fabric mills, cotton
2221	Broadwoven fabric mills, man-made
2231	Broadwoven fabric mills, wool
2241	Narrow fabric mills
2251	Women's hosiery, except socks
2252	Hosiery, nec
2253	Knit outerwear mills
2254	Knit underwear mills
2257	Weft knit fabric mills
2258	Lace and warp knit fabric mills
2259	Knitting mills, nec
2261	Finishing plants, cotton
2262	Finishing plants, man-made
2269	Finishing plants, nec
2273	Carpets and rugs
2281	Yarn spinning mills
2282	Throwing and winding mills
2284	Thread mills
2295	Coated fabrics, not rubberized
2296	Tire cord and fabrics
2297	Nonwoven fabrics
2298	Cordage and twine
2299	Textile goods, nec
APPAREL AND OTHER TEXTILE PRODUCTS	
2311	Men's and boys' suits and coats
2321	Men's and boys' shirts
2322	Men's and boys' underwear and nightwear
2323	Men's and boys' neckwear
2325	Men's and boys' trousers and slacks
2326	Men's and boys' work clothing
2329	Men's and boys' clothing, nec
2331	Women's and misses' blouses and shirts
2335	Women's, juniors' and misses' dresses
2337	Women's and misses' suits and coats
2339	Women's and misses' outerwear, nec
2341	Women's and children's underwear
2342	Bras, girdles, and allied garments
2353	Hats, caps, and millinery
2361	Girls' and children's dresses, blouses
2369	Girls' and children's outerwear, nec
2371	Fur goods
2381	Fabric dress and work gloves
2384	Robes and dressing gowns
2385	Waterproof outerwear
2386	Leather and sheep lined clothing
2387	Apparel belts
2389	Apparel and accessories, nec
2391	Curtains and draperies
2392	House furnishings, nec
2393	Textile bags
2394	Canvas and related products
2395	Pleating and stitching
2396	Automotive and apparel trimmings
2397	Schiffli machine embroideries
2399	Fabricated textile products, nec
LUMBER AND WOOD PRODUCTS	
2411	Logging
2421	Sawmills and planing mills, general
2426	Hardwood dimension and flooring mills
2429	Special product sawmills, nec
2431	Millwork
2434	Wood kitchen cabinets
2435	Hardwood veneer and plywood
2436	Softwood veneer and plywood
2439	Structural wood members, nec
2441	Nailed wood boxes and shook
2448	Wood pallets and skids
2449	Wood containers, nec
2451	Mobile homes
2452	Prefabricated wood buildings
2491	Wood preserving
2493	Reconstituted wood products
2499	Wood products, nec
FURNITURE AND FIXTURES	
2511	Wood household furniture
2512	Upholstered household furniture
2514	Metal household furniture
2515	Mattresses and bedsprings
2517	Wood TV and radio cabinets
2519	Household furniture, nec
2521	Wood office furniture
2522	Office furniture, except wood
2531	Public building and related furniture
2541	Wood partitions and fixtures
2542	Partitions and fixtures, except wood
2591	Drapery hardware and blinds and shades
2599	Furniture and fixtures, nec
PAPER AND ALLIED PRODUCTS	
2611	Pulp mills
2621	Paper mills
2631	Paperboard mills
2652	Set-up paperboard boxes
2653	Corrugated and solid fiber boxes
2655	Fiber cans, drums, and similar products
2656	Sanitary food containers
2657	Folding paperboard boxes
2671	Paper coated and laminated, packaging
2672	Paper coated and laminated, nec
2673	Bags - plastics, laminated and coated
2674	Bags - uncoated paper and multiwall
2675	Die-cut paper and board
2676	Sanitary paper products
2677	Envelopes
2678	Stationery products
2679	Converted paper products, nec
PRINTING AND PUBLISHING	
2711	Newspapers
2721	Periodicals
2731	Book publishing
2732	Book printing
2741	Miscellaneous publishing
2752	Commercial printing, lithographic
2754	Commercial printing, gravure
2759	Commercial printing, nec
2761	Manifold business forms
2771	Greeting cards
2782	Blankbooks and looseleaf binders
2789	Bookbinding and related work
2791	Typesetting
2796	Plate making services
CHEMICALS AND ALLIED PRODUCTS	
2812	Alkalies and chlorine
2813	Industrial gases
2816	Inorganic pigments
2819	Industrial inorganic chemicals, nec
2821	Plastics materials and resins
2822	Synthetic rubber
2823	Cellulosic man-made fibers
2824	Organic fibers, noncellulosic
2833	Medicinals and botanicals
2834	Pharmaceutical preparations
2835	Diagnostic substances

Note: nec = not elsewhere classified.

SIC Code	Industry
2836	Biological products, except diagnostic
2841	Soap and other detergents
2842	Polishes and sanitation goods
2843	Surface active agents
2844	Toilet preparations
2851	Paints and allied products
2861	Gum and wood chemicals
2865	Cyclic crudes and intermediates
2869	Industrial organic chemicals, nec
2873	Nitrogenous fertilizers
2874	Phosphatic fertilizers
2875	Fertilizers, mixing only
2879	Agricultural chemicals, nec
2891	Adhesives and sealants
2892	Explosives
2893	Printing ink
2895	Carbon black
2899	Chemical preparations, nec
PETROLEUM AND COAL PRODUCTS	
2911	Petroleum refining
2951	Asphalt paving mixtures and blocks
2952	Asphalt felts and coatings
2992	Lubricating oils and greases
2999	Petroleum and coal products, nec
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	
3011	Tires and inner tubes
3021	Rubber and plastics footwear
3052	Rubber and plastics hose and belting
3053	Gaskets, packing and sealing devices
3061	Mechanical rubber goods
3069	Fabricated rubber products, nec
3081	Unsupported plastics, film and sheet
3082	Unsupported plastics, profile shapes
3083	Laminated plastics, plate and sheet
3084	Plastics, pipe
3085	Plastics, bottles
3086	Plastics, foam products
3087	Custom compound purchased resins
3088	Plastics, plumbing fixtures
3089	Plastics products, nec
LEATHER AND LEATHER PRODUCTS	
3111	Leather tanning and finishing
3131	Footwear, cut stock
3142	House slippers
3143	Men's footwear, except athletic
3144	Women's footwear, except athletic
3149	Footwear, except rubber, nec
3151	Leather gloves and mittens
3161	Luggage
3171	Women's handbags and purses
3172	Personal leather goods, nec
3199	Leather goods, nec
STONE, CLAY, AND GLASS PRODUCTS	
3211	Flat glass
3221	Glass containers
3229	Pressed and blown glass, nec
3231	Products of purchased glass
3241	Cement, hydraulic
3251	Brick and structural clay tile
3253	Ceramic wall and floor tile
3255	Clay refractories
3259	Structural clay products, nec
3261	Vitreous plumbing fixtures
3262	Vitreous china table and kitchenware
3263	Semivitreous table and kitchenware
3264	Porcelain electrical supplies
3269	Pottery products, nec
3271	Concrete block and brick
3272	Concrete products, nec
3273	Ready-mixed concrete
3274	Lime
3275	Gypsum products
3281	Cut stone and stone products
3291	Abrasive products
3292	Asbestos products
3295	Minerals, ground or treated
3296	Mineral wool
3297	Nonclay refractories
3299	Nonmetallic mineral products, nec
PRIMARY METAL INDUSTRIES	
3312	Blast furnaces and steel mills
3313	Electrometallurgical products
3315	Steel wire and related products
3316	Cold finishing of steel shapes
3317	Steel pipe and tubes
3321	Gray and ductile iron foundries
3322	Malleable iron foundries
3324	Steel investment foundries
3325	Steel foundries, nec
3331	Primary copper
3334	Primary aluminum
3339	Primary nonferrous metals, nec
3341	Secondary nonferrous metals
3351	Copper rolling and drawing
3353	Aluminum sheet, plate, and foil
3354	Aluminum extruded products
3355	Aluminum rolling and drawing, nec
3356	Nonferrous rolling and drawing, nec
3357	Nonferrous wire drawing and insulating
3363	Aluminum die-castings
3364	Nonferrous die-castings, except aluminum
3365	Aluminum foundries
3366	Copper foundries
3369	Nonferrous foundries, nec
3398	Metal heat treating
3399	Primary metal products, nec
FABRICATED METAL PRODUCTS	
3411	Metal cans
3412	Metal barrels, drums, and pails
3421	Cutlery
3423	Hand and edge tools, nec
3425	Saw blades and handsaws
3429	Hardware, nec
3431	Metal sanitary ware
3432	Plumbing fixture fittings and trim
3433	Heating equipment, except electric
3441	Fabricated structural metal
3442	Metal doors, sash, and trim
3443	Fabricated plate work (boiler shops)
3444	Sheet metal work
3446	Architectural metal work
3448	Prefabricated metal buildings
3449	Miscellaneous metal work
3451	Screw machine products
3452	Bolts, nuts, rivets, and washers
3462	Iron and steel forgings
3463	Nonferrous forgings
3465	Automotive stampings
3466	Crowns and closures
3469	Metal stampings, nec
3471	Plating and polishing
3479	Metal coating and allied services
3482	Small arms ammunition
3483	Ammunition, except for small arms, nec
3484	Small arms
3489	Ordnance and accessories, nec
3491	Industrial valves
3492	Fluid power valves and hose fittings
3493	Steel springs, except wire
3494	Valves and pipe fittings, nec
3495	Wire springs
3496	Miscellaneous fabricated wire products
3497	Metal foil and leaf
3498	Fabricated pipe and fittings
3499	Fabricated metal products, nec
INDUSTRIAL MACHINERY AND EQUIPMENT	
3511	Turbines and turbine generator sets
3519	Internal combustion engines, nec
3523	Farm machinery and equipment
3524	Lawn and garden equipment
3531	Construction machinery
3532	Mining machinery
3533	Oil and gas field machinery
3534	Elevators and moving stairways
3535	Conveyors and conveying equipment
3536	Hoists, cranes, and monorails
3537	Industrial trucks and tractors
3541	Machine tools, metal cutting types
3542	Machine tools, metal forming types
3543	Industrial patterns
3544	Special dies, tools, jigs, and fixture

Note: nec = not elsewhere classified.

SIC CODES
(Continued)

SIC Code	Industry
3545	Machine tool accessories
3546	Power driven hand tools
3547	Rolling mill machinery
3548	Welding apparatus
3549	Metalworking machinery, nec
3552	Textile machinery
3553	Woodworking machinery
3554	Paper industries machinery
3555	Printing trades machinery
3556	Food products machinery
3559	Special industry machinery, nec
3561	Pumps and pumping equipment
3562	Ball and roller bearings
3563	Air and gas compressors
3564	Blowers and fans
3565	Packaging machinery
3566	Speed changers, drives, and gears
3567	Industrial furnaces and ovens
3568	Power transmission equipment, nec
3569	General industrial machinery, nec
3571	Electronic computers
3572	Computer storage devices
3575	Computer terminals
3577	Computer peripheral equipment, nec
3578	Calculating and accounting equipment
3579	Office machines, nec
3581	Automatic vending machines
3582	Commercial laundry equipment
3585	Refrigeration and heating equipment
3586	Measuring and dispensing pumps
3589	Service industry machinery, nec
3592	Carburetors, pistons, rings, valves
3593	Fluid power cylinders and actuators
3594	Fluid power pumps and motors
3596	Scales and balances, except laboratory
3599	Industrial machinery, nec
	ELECTRONIC AND OTHER ELECTRIC EQUIPMENT
3612	Transformers, except electronic
3613	Switchgear and switchboard apparatus
3621	Motors and generators
3624	Carbon and graphite products
3625	Relays and industrial controls
3629	Electrical industrial apparatus, nec
3631	Household cooking equipment
3632	Household refrigerators and freezers
3633	Household laundry equipment
3634	Electric housewares and fans
3635	Household vacuum cleaners
3639	Household appliances, nec
3641	Electric lamps
3643	Current-carrying wiring devices
3644	Noncurrent-carrying wiring devices
3645	Residential lighting fixtures
3646	Commercial lighting fixtures
3647	Vehicular lighting equipment
3648	Lighting equipment, nec
3651	Household audio and video equipment
3652	Prerecorded records and tapes
3661	Telephone and telegraph apparatus
3663	Radio and TV communication equipment
3669	Communications equipment, nec
3671	Electron tubes
3672	Printed circuit boards
3674	Semiconductors and related devices
3675	Electronic capacitors
3676	Electronic resistors
3677	Electronic coils and transformers
3678	Electronic connectors
3679	Electronic components, nec
3691	Storage batteries
3692	Primary batteries, dry and wet
3694	Engine electrical equipment
3695	Magnetic and optical recording media
3699	Electrical equipment and supplies, nec
	TRANSPORTATION EQUIPMENT
3711	Motor vehicles and car bodies
3713	Truck and bus bodies
3714	Motor vehicle parts and accessories
3715	Truck trailers
3716	Motor homes
3721	Aircraft
3724	Aircraft engines and engine parts
3728	Aircraft parts and equipment, nec
3731	Ship building and repairing
3732	Boat building and repairing
3743	Railroad equipment
3751	Motorcycles, bicycles, and parts
3761	Guided missiles and space vehicles
3764	Space propulsion units and parts
3769	Space vehicle equipment, nec
3792	Travel trailers and campers
3795	Tanks and tank components
3799	Transportation equipment, nec
	INSTRUMENTS AND RELATED PRODUCTS
3812	Search and navigation equipment
3821	Laboratory apparatus and furniture
3822	Environmental controls
3823	Process control instruments
3824	Fluid meters and counting devices
3825	Instruments to measure electricity
3826	Analytical instruments
3827	Optical instruments and lenses
3829	Measuring and controlling devices, nec
3841	Surgical and medical instruments
3842	Surgical appliances and supplies
3843	Dental equipment and supplies
3844	X-ray apparatus and tubes
3845	Electromedical equipment
3851	Ophthalmic goods
3861	Photographic equipment and supplies
3873	Watches, clocks, watchcases, and parts
	MISCELLANEOUS MANUFACTURING INDUSTRIES
3911	Jewelry, precious metal
3914	Silverware and plated ware
3915	Jewelers' materials and lapidary work
3931	Musical instruments
3942	Dolls and stuffed toys
3944	Games, toys, and children's vehicles
3949	Sporting and athletic goods, nec
3951	Pens and mechanical pencils
3952	Lead pencils and art goods
3953	Marking devices
3955	Carbon paper and inked ribbons
3961	Costume jewelry
3965	Fasteners, buttons, needles, and pins
3991	Brooms and brushes
3993	Signs and advertising specialties
3995	Burial caskets
3996	Hard surface floor coverings, nec
3999	Manufacturing industries, nec
	TRANSPORTATION AND UTILITIES
	RAILROAD TRANSPORTATION
4011	Railroads, line-haul operating
4013	Switching and terminal devices
	LOCAL AND INTERURBAN PASSENGER TRANSIT
4111	Local and suburban transit
4119	Local passenger transportation, nec
4121	Taxicabs
4131	Intercity and rural bus transportation
4141	Local bus charter service
4142	Bus charter service, except local
4151	School buses
4173	Bus terminal and service facilities
	TRUCKING AND WAREHOUSING
4212	Local trucking, without storage
4213	Trucking, except local
4214	Local trucking with storage
4215	Courier services, except by air
4221	Farm product warehousing and storage
4222	Refrigerated warehousing and storage
4225	General warehousing and storage
4226	Special warehousing and storage, nec
4231	Trucking terminal facilities
	U.S. POSTAL SERVICE
4311	U.S. Postal Service

Note: nec = not elsewhere classified.

SIC Code Industry

WATER TRANSPORTATION
4412 Deep sea foreign transportation of freight
4424 Deep sea domestic trans. of freight
4432 Freight transportation, on the Great Lakes
4449 Water transportation of freight, nec
4481 Deep sea passenger trans., except ferry
4482 Ferries
4489 Water passenger transportation, nec
4491 Marine cargo handling
4492 Towing and tugboat service
4493 Marinas
4499 Water transportation services, nec

TRANSPORTATION BY AIR
4512 Air transportation, scheduled
4513 Air courier services
4522 Air transportation, nonscheduled
4581 Airports, flying fields, and services

PIPELINES, EXCEPT NATURAL GAS
4612 Crude petroleum pipelines
4613 Refined petroleum pipelines
4619 Pipelines, nec

TRANSPORTATION SERVICES
4724 Travel agencies
4725 Tour operators
4729 Passenger transportation arrangement, nec
4731 Freight transportation arrangement
4741 Rental of railroad cars
4783 Packing and crating
4785 Inspection and fixed facilities
4789 Transportation services, nec

COMMUNICATIONS
4812 Radiotelephone communications
4813 Telephone communications, except radio
4822 Telegraph and other communications
4832 Radio broadcasting stations
4833 Television broadcasting stations
4841 Cable and other pay TV services
4899 Communication services, nec

ELECTRIC, GAS, AND SANITARY SERVICES
4911 Electric services
4922 Natural gas transmission
4923 Gas transmission and distribution
4924 Natural gas distribution
4925 Gas production and/or distribution
4931 Electric and other services combined
4932 Gas and other services combined
4939 Combination utilities, nec
4941 Water supply
4952 Sewerage systems
4953 Refuse systems
4959 Sanitary services, nec
4961 Steam and air conditioning supply
4971 Irrigation systems

WHOLESALE TRADE

WHOLESALE TRADE, DURABLE GOODS
5012 Automobiles and other motor vehicles
5013 Motor vehicle supplies and new parts
5014 Tires and tubes
5015 Motor vehicle parts, used
5021 Furniture
5023 Home furnishings
5031 Lumber, plywood, and millwork
5032 Brick, stone, and related materials
5033 Roofing, siding, and insulation
5039 Construction materials, nec
5043 Photographic equipment and supplies
5044 Office equipment
5045 Computers, peripherals, and software
5046 Commercial equipment, nec
5047 Medicinal and hospital equipment
5048 Ophthalmic goods
5049 Professional equipment, nec
5051 Metals service centers and offices
5052 Coal and other minerals and ores
5063 Electrical apparatus and equipment
5064 Electrical appliances, TV and radios
5065 Electronic parts and equipment
5072 Hardware
5074 Plumbing and hydronic heating supplies
5075 Warm air heating and air conditioning
5078 Refrigeration equipment and supplies
5082 Construction and mining machinery
5083 Farm and garden machinery
5084 Industrial machinery and equipment
5085 Industrial supplies
5087 Service establishment equipment
5088 Transportation equipment and supplies
5091 Sporting and recreational goods
5092 Toys and hobby goods and supplies
5093 Scrap and waste materials
5094 Jewelry and precious stones
5099 Durable goods, nec

WHOLESALE TRADE, NONDURABLE GOODS
5111 Printing and writing paper
5112 Stationery and office supplies
5113 Industrial and personal service paper
5122 Drugs, proprietaries, and sundries
5131 Piece goods and notions
5136 Men's and boys' clothing
5137 Women's and children's clothing
5139 Footwear
5141 Groceries, general line
5142 Packaged frozen foods
5143 Dairy products, except dried or canned
5144 Poultry and poultry products
5145 Confectionery
5146 Fish and seafoods
5147 Meats and meat products
5148 Fresh fruits and vegetables
5149 Groceries and related products, nec
5153 Grain and field beans
5154 Livestock
5159 Farm-product raw materials, nec
5162 Plastics materials and basic shapes
5169 Chemicals and allied products, nec
5171 Petroleum bulk stations and terminals
5172 Petroleum products, nec
5181 Beer and ale
5182 Wines and distilled beverages
5191 Farm supplies
5192 Books, periodicals, and newspapers
5193 Flowers and florists' supplies
5194 Tobacco and tobacco products
5198 Paints, varnishes, and supplies
5199 Nondurable goods, nec

RETAIL TRADE

BUILDING MATERIALS AND GARDEN SUPPLIES
5211 Lumber and other building materials
5231 Paint, glass, and wallpaper stores
5251 Hardware stores
5261 Retail nurseries and gardens
5271 Mobile home dealers

GENERAL MERCHANDISE STORES
5311 Department stores
5331 Variety stores
5399 Miscellaneous general merchandise stores

FOOD STORES
5411 Grocery stores
5421 Meat and fish markets
5431 Fruit and vegetable markets
5441 Candy, nut, and confectionery stores
5451 Dairy products stores
5461 Retail bakers
5499 Miscellaneous food stores

AUTOMOTIVE DEALERS AND SERVICE STATIONS
5511 New and used car dealers
5521 Used car dealers

Note: nec = not elsewhere classified.

SIC CODES
(Continued)

SIC Code	Industry
5531	Auto and home supply stores
5541	Gasoline service stations
5551	Boat dealers
5561	Recreational vehicle dealers
5571	Motorcycle dealers
5599	Automotive dealers, nec
	APPAREL AND ACCESSORY STORES
5611	Men's and boys' clothing stores
5621	Women's clothing stores
5632	Women's accessory and specialty stores
5641	Children's and infants' wear stores
5651	Family clothing stores
5661	Shoe stores
5699	Miscellaneous apparel and accessory stores
	FURNITURE AND HOME FURNISHINGS STORES
5712	Furniture stores
5713	Floor covering stores
5714	Drapery and upholstery stores
5719	Miscellaneous home furnishings stores
5722	Household appliance stores
5731	Radio, TV, and electronic stores
5734	Computer and software stores
5735	Record and prerecorded tape stores
5736	Musical instruments stores
	EATING AND DRINKING PLACES
5812	Eating places
5813	Drinking places
	MISCELLANEOUS RETAIL
5912	Drugstores and proprietary stores
5921	Liquor stores
5932	Used merchandise stores
5941	Sporting goods and bicycle shops
5942	Book stores
5943	Stationery stores
5944	Jewelry stores
5945	Hobby, toy, and game shops
5946	Camera and photographic supply stores
5947	Gift, novelty, and souvenir shops
5948	Luggage and leather goods stores
5949	Sewing, needlework, and piece goods
5961	Catalog and mail order houses
5962	Merchandising machine operators
5963	Direct selling organizations
5983	Fuel oil dealers
5989	Fuel dealers, nec
5984	Liquefied petroleum gas dealers
5992	Florists
5993	Cigar stores and stands
5994	News dealers and newsstands
5995	Optical goods stores
5999	Miscellaneous retail stores, nec
	FINANCE, INSURANCE & REAL ESTATE
	DEPOSITORY INSTITUTIONS
6011	Federal Reserve banks
6019	Central reserve depository, nec
6021	National commercial banks
6022	State commercial banks
6029	Commercial banks, nec
6035	Federal savings institutions
6036	Savings institutions, except federal
6061	Federal credit unions
6062	State credit unions
6081	Foreign banks and branches and agencies
6082	Foreign trade and international banks
6091	Nondeposit trust facilities
6099	Functions related to deposit banking
	NONDEPOSITORY INSTITUTIONS
6111	Federal and federally-sponsored credit
6141	Personal credit institutions
6153	Short-term business credit
6159	Miscellaneous business credit institutions
6162	Mortgage bankers and correspondents
6163	Loan brokers
	SECURITY AND COMMODITY BROKERS
6211	Security brokers and dealers
6221	Commodity contracts brokers, dealers
6231	Security and commodity exchanges
6282	Investment advice
6289	Security and commodity services, nec
	INSURANCE CARRIERS
6311	Life insurance
6321	Accident and health insurance
6324	Hospital and medical service plans
6331	Fire, marine, and casualty insurance
6351	Surety insurance
6361	Title insurance
6371	Pension, health, and welfare funds
6399	Insurance carriers, nec
	INSURANCE AGENTS, BROKERS, AND SERVICE
6411	Insurance agents, brokers, and service
	REAL ESTATE
6512	Nonresidential building operators
6513	Apartment building operators
6514	Dwelling operators, except apartments
6515	Mobile home site operators
6517	Railroad property lessors
6519	Real property lessors, nec
6531	Real estate agents and managers
6541	Title abstract offices
6552	Subdividers and developers, nec
6553	Cemetery subdividers and developers
	HOLDING AND OTHER INVESTMENT OFFICES
6712	Bank holding companies
6719	Holding companies, nec
6722	Management investment, open-end
6726	Investment offices, nec
6732	Educational, religious, etc. trusts
6733	Trusts, nec
6792	Oil royalty traders
6794	Patent owners and lessors
6798	Real estate investment trusts
6799	Investors, nec
	SERVICES
	HOTELS AND OTHER LODGING PLACES
7011	Hotels and motels
7021	Rooming and boarding houses
7032	Sporting and recreational camps
7033	Trailer parks and campsites
7041	Membership-basis organization hotels
	PERSONAL SERVICES
7211	Power laundries, family and commercial
7212	Garment pressing and cleaners' agents
7213	Linen supply
7215	Coin-operated laundries and cleaning
7216	Dry cleaning plants, except rug
7217	Carpet and upholstery cleaning
7218	Industrial launderers
7219	Laundry and garment services, nec
7221	Photographic studios, portrait
7231	Beauty shops
7241	Barber shops
7251	Shoe repair and shoeshine shops
7261	Funeral service and crematories
7291	Tax return preparation services
7299	Miscellaneous personal services, nec
	BUSINESS SERVICES
7311	Advertising agencies
7312	Outdoor advertising services
7313	Radio, TV, publisher representatives
7319	Advertising, nec
7322	Adjustment and collection services
7323	Credit reporting services
7331	Direct mail advertising services
7334	Photocopying and duplicating services
7335	Commercial photography
7336	Commercial art and graphic design
7338	Secretarial and court reporting
7342	Disinfecting and pest control services
7349	Building maintenance services, nec
7352	Medical equipment rental
7353	Heavy construction equipment rental

Note: nec = not elsewhere classified.

SIC Code	Industry
7359	Equipment rental and leasing, nec
7361	Employment agencies
7363	Help supply services
7371	Computer programming services
7372	Prepackaged software
7373	Computer integrated systems design
7374	Data processing services
7375	Information retrieval services
7376	Computer facilities management
7377	Computer rental and leasing
7378	Computer maintenance and repair
7379	Computer related services, nec
7381	Detective and armored car services
7382	Security systems services
7383	News syndicates
7384	Photofinishing laboratories
7389	Business services, nec
	AUTOMOTIVE REPAIR, SERVICES, AND PARKING
7513	Truck rental and leasing, no drivers
7514	Passenger car rental
7515	Passenger car leasing
7519	Utility trailer rental
7521	Automobile parking
7532	Top and body repair and paint shops
7533	Auto exhaust system repair shops
7534	Tire retreading and repair shops
7536	Automotive glass replacement shops
7537	Automotive transmission repair shops
7538	General automotive repair shops
7539	Automotive repair shops, nec
7542	Car washes
7549	Automotive services, nec
	MISCELLANEOUS REPAIR SERVICES
7622	Radio and television repair
7623	Refrigeration service and repair
7629	Electrical repair shops, nec
7631	Watch, clock, and jewelry repair
7641	Reupholstery and furniture repair
7692	Welding repair
7694	Armature rewinding shops
7699	Repair services, nec
	MOTION PICTURES
7812	Motion picture and video production
7819	Services allied to motion pictures
7822	Motion picture and tape distribution
7829	Motion picture distribution services
7832	Motion picture theaters except drive-in
7833	Drive-in motion picture theaters
7841	Video tape rental
	AMUSEMENT AND RECREATION SERVICES
7911	Dance studios, schools, and halls
7922	Theatrical producers and services
7929	Entertainers and entertainment groups
7933	Bowling centers
7941	Sports clubs, managers, and promoters
7948	Racing, including track operation
7991	Physical fitness facilities
7992	Public golf courses
7993	Coin-operated amusement devices
7996	Amusement parks
7997	Membership sports and recreation clubs
7999	Amusement and recreation, nec
	HEALTH SERVICES
8011	Offices and clinics of medical doctors
8021	Offices and clinics of dentists
8031	Offices of osteopathic physicians
8041	Offices and clinics of chiropractors
8042	Offices and clinics of optometrists
8043	Office and clinics of podiatrists
8049	Offices of health practitioners, nec
8051	Skilled nurse care facilities
8052	Intermediate care facilities
8059	Nursing and personal care, nec
8062	General medical and surgical hospitals
8063	Psychiatric hospitals
8069	Specialty hospitals, except psychiatric
8071	Medical laboratories
8072	Dental laboratories
8082	Home health care services
8092	Kidney dialysis centers
8093	Specialty outpatient clinics, nec
8099	Health and allied services, nec
	LEGAL SERVICES
8111	Legal services
	EDUCATIONAL SERVICES
8211	Elementary and secondary schools
8221	Colleges and universities
8222	Junior colleges
8231	Libraries
8243	Data processing schools
8244	Business and secretarial schools
8249	Vocational schools, nec
8299	Schools and educational services, nec
	SOCIAL SERVICES
8322	Individual and family services
8331	Job training and related services
8351	Child day care services
8361	Residential care
8399	Social services, nec
	MUSEUMS, BOTANICAL, ZOOLOGICAL GARDENS
8412	Museums and art galleries
8422	Botanical and zoological gardens
	MEMBERSHIP ORGANIZATIONS
8611	Business associations
8621	Professional organizations
8631	Labor organizations
8641	Civic and social associations
8651	Political organizations
8661	Religious organizations
8699	Membership organizations, nec
	ENGINEERING AND MANAGEMENT SERVICES
8711	Engineering services
8712	Architectural services
8713	Surveying services
8721	Accounting, auditing, and bookkeeping
8731	Commercial physical research
8732	Commercial nonphysical research
8733	Noncommercial research organizations
8734	Testing laboratories
8741	Management services
8742	Management consulting services
8743	Public relations services
8744	Facilities support services
8748	Business consulting, nec
	PRIVATE HOUSEHOLDS
8811	Private households
	SERVICES, NEC
8999	Services, nec
	PUBLIC ADMINISTRATION
	EXECUTIVE, LEGISLATIVE, AND GENERAL
9111	Executive offices
9121	Legislative bodies
9131	Executive and legislative combined
9199	General government, nec
	JUSTICE, PUBLIC ORDER, AND SAFETY
9211	Courts
9221	Police protection
9222	Legal counsel and prosecution
9223	Correctional institutions
9224	Fire protection
9229	Public order and safety, nec
	FINANCE, TAXATION, AND MONETARY POLICY
9311	Finance, taxation, and monetary policy
	ADMINISTRATION OF HUMAN RESOURCES
9411	Administration of educational programs
9431	Administration of public health programs
9441	Administration of social and manpower programs

Note: nec = not elsewhere classified.

SIC Code	Industry	SIC Code	Industry	SIC Code	Industry

9451 Administration of veterans' affairs

ENVIRONMENTAL QUALITY, AND HOUSING

9511 Air, water, and solid waste management
9512 Land, mineral, wildlife conservation
9531 Housing programs
9532 Urban and community development

ADMINISTRATION OF ECONOMIC PROGRAMS

9611 Admin. of general economic programs
9621 Regulation, admin. of transportation
9631 Regulation, administration of utilities
9641 Regulation of agricultural marketing
9651 Regulation of misc. commercial sectors
9661 Space research and technology

NATIONAL SECURITY AND INTERNATIONAL AFFAIRS

9711 National security
9721 International affairs

NONCLASSIFIABLE ESTABLISHMENTS

9999 Nonclassifiable establishment

Note: nec = not elsewhere classified.

SYSTEM TYPE CODES

System Type codes describe the type of hazardous waste management system used to treat or dispose a hazardous waste.

Code	System Type
METALS RECOVERY (FOR REUSE)	
M011	High temperature metals recovery
M012	Retorting
M013	Secondary smelting
M014	Other metals recovery for reuse: e.g., ion exchange, reverse osmosis, acid leaching (Specify in Comments)
M019	Metals recovery – type unknown (Explain in Comments)
SOLVENTS RECOVERY	
M021	Fractionation/distillation
M022	Thin film evaporation
M023	Solvent extraction
M024	Other solvent recovery (Specify in Comments)
M029	Solvents recovery – type unknown (Explain in Comments)
OTHER RECOVERY	
M031	Acid regeneration
M032	Other recovery: e.g., waste oil recovery, nonsolvent organics recovery (Specify in Comments)
M039	Other recovery – type unknown (Explain in Comments)
INCINERATION	
M041	Incineration – liquids
M042	Incineration – sludges
M043	Incineration – solids
M044	Incineration – gases
M049	Incineration – type unknown (Explain in Comments)
ENERGY RECOVERY (REUSE AS FUEL)	
M051	Energy recovery – liquids
M052	Energy recovery – sludges
M053	Energy recovery – solids
M059	Energy recovery – type unknown (Explain in Comments)
FUEL BLENDING	
M061	Fuel blending

Code	System Type
AQUEOUS INORGANIC TREATMENT	
M071	Chrome reduction followed by chemical precipitation
M072	Cyanide destruction followed by chemical precipitation
M073	Cyanide destruction only
M074	Chemical oxidation followed by chemical precipitation
M075	Chemical oxidation only
M076	Wet air oxidation
M077	Chemical precipitation
M078	Other aqueous inorganic treatment: e.g., ion exchange, reverse osmosis (Specify in Comments)
M079	Aqueous inorganic treatment – type unknown (Explain in Comments)
AQUEOUS ORGANIC TREATMENT	
M081	Biological treatment
M082	Carbon adsorption
M083	Air/steam stripping
M084	Wet air oxidation
M085	Other aqueous organic treatment (Specify in Comments)
M089	Aqueous organic treatment – type unknown (Explain in Comments)
AQUEOUS ORGANIC AND INORGANIC TREATMENT	
M091	Chemical precipitation in combination with biological treatment
M092	Chemical precipitation in combination with carbon adsorption
M093	Wet air oxidation
M094	Other organic/inorganic treatment (Specify in Comments)
M099	Aqueous organic and inorganic treatment – type unknown (Explain in Comments)
SLUDGE TREATMENT	
M101	Sludge dewatering
M102	Addition of excess lime
M103	Absorption/adsorption
M104	Solvent extraction
M109	Sludge treatment – type unknown (Explain in Comments)

SYSTEM TYPE CODES
(Continued)

Code	System Type
STABILIZATION	
M111	Stabilization/chemical fixation using cementitious and/or pozzolanic materials
M112	Other stabilization (Specify in Comments)
M119	Stabilization – type unknown (Explain in Comments)
OTHER TREATMENT	
M121	Neutralization only
M122	Evaporation only
M123	Settling/clarification only
M124	Phase separation (e.g., emulsion breaking, filtration) only
M125	Other treatment (Specify in Comments)
M129	Other treatment – type unknown (Explain in Comments)
DISPOSAL	
M131	Land treatment/application/farming
M132	Landfill
M133	Surface impoundment (to be closed as a landfill)
M134	Deepwell/underground injection
M135	Direct discharge to sewer/POTW
M136	Direct discharge to surface water under NPDES
M137	Other disposal (Specify in Comments)
TRANSFER FACILITY STORAGE	
M141	Transfer facility storage – waste was shipped off site without any on-site treatment, disposal, or recycling activity

STATE/REGIONAL OFFICE CONTACT INFORMATION

Please return your 1997 Hazardous Waste Report to the appropriate State or Regional office listed below. Call the contact, if identified below, for additional information (e.g., if you need a street address instead of a P.O. Box).

STATE	ADDRESS	CONTACT
Alabama	Alabama Land Division – Report Section Alabama Department of Environmental Management P.O. Box 301463 Montgomery, AL 36130-1463	Hugh Cox (334) 271-7910
Alaska	EPA Region 10 Office of Waste and Chemical Management 1200 Sixth Avenue, WCM-122 Seattle, WA 98101	(800) 550-7272
Arizona[M]	See Arizona's State-specific forms	Kathy Feliberty (602) 207-4214
Arkansas[M]	Annual Reports ADPC&E Hazardous Waste Division 8001 National Drive Little Rock, AR 72219-8913	Data Manager (501) 682-0833
California	Biennial Report Staff CA Department of Toxic Substances Control P.O. Box 806 Sacramento, CA 95812-0806	Biennial Report Staff (916) 322-2880 (916) 322-5585
Colorado	Colorado Department of Public Health and Environment 4300 Cherry Creek Drive South Mailcode HMWMD-CP-B2 Denver, CO 80222-1530	Mira Neumiller (303) 692-3350
Connecticut	Connecticut Department of Environmental Protection Waste Bureau 79 Elm Street Hartford, CT 06106	Inga Rubecka (860) 424-3566
Delaware	Delaware Department of Natural Resources and Environmental Control Hazardous Waste Management Branch P.O. Box 1401 Dover, DE 19903	Jane Frank (302) 739-3689
District of Columbia	DCRA/ERA Hazardous Waste Management Branch 2100 Martin Luther King, Jr. Ave., S.E. Suite 203 Washington, DC 20020	Mark Hughes (202) 645-6080 ext. 3023
Florida	Jack Griffith Florida DEP BRS Coordinator-MS-4555 2600 Blair Stone Road Tallahassee, FL 32399-2400	Jack Griffith (904) 921-9219

STATE/REGIONAL OFFICE CONTACT INFORMATION
(Continued)

STATE	ADDRESS	CONTACT
Georgia	Georgia Department of Natural Resources Hazardous Waste Management Branch 205 Butler Street, S.E. Floyd Towers East, Suite 1154 Atlanta, GA 30334	(404) 656-7802
Guam	Guam Environmental Protection Agency P.O. Box 22439 GMF Barrigada, GU 96921	Francis P. Damian (671) 475-1605
Hawaii	Hawaii Department of Health Solid & Hazardous Waste Branch 919 Ala Moana Boulevard, #212 Honolulu, HI 96814	(808) 586-7509
Idaho	Idaho Division of Environmental Quality 1410 North Hilton Boise, ID 83706	John Brueck (208) 373-0458
Illinois[M]	Bureau of Land Planning and Reporting Section P.O. Box 19276 Springfield, IL 62794-1976	(217) 782-6762
Indiana	Jenny Ranck Dooley Solid and Hazardous Waste Indiana Department of Environmental Management 100 North Senate Ave. P.O. Box 7035 Indianapolis, IN 46207-7035	Jenny Ranck Dooley (317) 232-8925
Iowa	U.S. EPA Region 7 ARTD/IRSP 726 Minnesota Avenue Kansas City, KS 66101	Beth Koesterer (913) 551-7673
Kansas[M]	Kansas Department of Health and Environment Building 740, Forbes Field Topeka, KS 66620	Candy Williamson (913) 296-6898
Kentucky[S]	See Kentucky's State-specific forms	
Louisiana[M]	See Louisiana's State-specific forms	
Maine	Maine Department of Environmental Protection BRWM State House Station 17 Augusta, ME 04333-0017	Cherrie Plummer (207) 287-2651
Maryland	Maryland Department of the Environment Hazardous Waste Program 2500 Broening Highway Baltimore, MD 21224	Emily Troyer (410) 631-3344

STATE/REGIONAL OFFICE CONTACT INFORMATION

(Continued)

STATE	ADDRESS	CONTACT
Massachusetts	Massachusetts Department of Environmental Protection Bureau of Waste Prevention One Winter Street Boston, MA 02108	Beth McDonough (617) 574-6895
Michigan	U.S. EPA Region 5 P.O. Box A 3587 Chicago, IL 60690 ATTN: Mary Villarreal	Mary Villarreal (312) 886-7439
Minnesota	Minnesota Pollution Control Agency HW/PD 520 Lafayette Road, North St. Paul, MN 55155	Julie Anne O'Neill (612) 297-8332
Mississippi	Mississippi Dept. of Environmental Quality Hazardous Waste Division P.O. Box 10385 Jackson, MS 39289-0385	Terrell Chester (601) 961-5038
Missouri	Missouri Department of Natural Resources Hazardous Waste Program P.O. Box 176 Jefferson City, MO 65102	John Beard (573) 751-3176
Montana	Montana Department of Environmental Quality Permitting and Compliance P.O. Box 200901 Helena, MT 59620-0901	Debbie Walker (406) 444-2891
Navajo Nation	Navajo Nation Navajo EPA P.O. Box 339 Window Rock, AZ 86515 ATTN: Debbie McBride	Debbie McBride (520) 871-7995
Nebraska	Nebraska Department of Environmental Quality 1200 N Street, Suite 400, The Atrium Bldg. Lincoln, NE 68509-8922	Teri Swarts (402) 471-4217
Nevada	Nevada Div. of Environmental Protection 333 West Nye Lane, Capitol Complex Carson City, NV 89710	Hazardous Waste Information Line (800) 882-3233 (within NV only)
New Hampshire	New Hampshire Department of Environmental Services Waste Management Division – Reporting Section 6 Hazen Drive Concord, NH 03301	Karen A. Way (603) 271-6350
New Jersey	New Jersey Dept. of Environmental Protection Bureau of Revenue c/o Solid and Hazardous Waste P.O. Box 417 Trenton, NJ 08625	Hazardous Waste Report Unit (609) 292-7081

STATE/REGIONAL OFFICE CONTACT INFORMATION
(Continued)

STATE	ADDRESS	CONTACT
New Mexico	New Mexico Environment Department Hazardous and Radioactive Materials Bureau P.O. Box 26110 Santa Fe, NM 87502	Anna Walker (505) 827-1558
New York[M]	NYSDEC Division of Solid and Hazardous Materials 50 Wolf Road Room 888 Albany, NY 12233-7250	Technical Assistance Helpline (800) 452-1952 (NYS Only) (518) 457-0532 (Outside NYS)
North Carolina	North Carolina DEHNR Hazardous Waste Section P.O. Box 29603 Raleigh, NC 27611-9603	(919) 733-2178 ext. 240 or 247
North Dakota	North Dakota Department of Health P.O. Box 5520 Bismarck, ND 58506-5520	Christine Roob (701) 328-5166
Ohio[M]	Ohio EPA Division of Hazardous Waste Management Data Management Section P.O. Box 1049 Columbus, OH 43216-1049	Paula Canter/Mike Rath (614) 644-2977
Oklahoma	Oklahoma Dept. of Environmental Quality Waste Management Division 1000 Northeast 10th Street Oklahoma City, OK 73117-1212	Gail Hammil (405) 271-5338
Oregon[S]	See Oregon's State-specific forms	DEQ Hazardous Waste Helpline (503) 229-6938
Pennsylvania[M]	PA DEP-LRWM Division of Reporting and Fee Collection P.O. Box 8550 Harrisburg, PA 17105-8550	Robert Finkel (717) 783-9258
Puerto Rico	Environmental Quality Board Land Pollution Control Area P.O. Box 11488 Santurce, PR 00910	Israel Torres Rivera (787) 767-8181 ext. 2024
Rhode Island	Rhode Island DEM Division of Waste Management 235 Promenade Street Providence, RI 02908	(401) 277-2797
South Carolina[S]	South Carolina DHEC Solid and Hazardous Waste Management 2600 Bull Street Columbia, SC 29201	Lisa Yeager (803) 896-4138
South Dakota	South Dakota DENR Waste Management Program 523 East Capitol Avenue - Joe Foss Bldg. Pierre, SD 57501	Carrie Jacobson (605) 773-3153

STATE/REGIONAL OFFICE CONTACT INFORMATION

(Continued)

STATE	ADDRESS	CONTACT
Tennessee[S]	See Tennessee's State-specific forms	
Texas[S]	See Texas' State-specific forms	
Trust Territories	U.S. EPA Region 9 Hawthorne Street, WST-6 San Francisco, CA 94110 ATTN: Biennial Report Coordinator	Olof Hansen (415) 744-2044
Utah	Utah DEQ/DSHW P.O. Box 144880 Salt Lake City, UT 84114-4880	Jim Smith (801) 538-6170
Vermont	Vermont Agency of Natural Resources Waste Management Division Technical Services Section 103 South Main Street/West Building Waterbury, VT 05671-0404	Maria Stadelmayer (802) 241-3881
Virgin Islands	U.S. EPA Region 2 290 Broadway New York, NY 10007-1866 ATTN: Ms. Elizabeth Van Rabenswaay	Elizabeth Van Rabenswaay (212) 637-4119
Virginia	Virginia Department of Environmental Quality OTA/Waste 629 E. Main Street Richmond, VA 23219	Claire Ballard (804) 698-4177
Washington[S]	Washington Department of Ecology Hazardous Waste Information P.O. Box 47658 Olympia, WA 98504-7658	Joanne Phillipson (360) 407-6735
West Virginia	West Virginia DEP Office of Waste Management 1356 Hansford Street Charleston, WV 25301	Mike Dorsey (304) 558-5989
Wisconsin[M]	See Wisconsin's State-specific forms	
Wyoming	WDEQ-SHWD Heschler Building 4th Floor 122 West 25th Street Cheyenne, WY 82002	Tim Link (307) 777-7752

[M] = State uses a modified version of the Federal 1997 Biennial Report instructions and forms.
[S] = State uses its own report instructions and forms to fulfill the reporting requirements.

INNKEEPERS OF GOSHEN

Fax Transmission

TO:	Randy Martin
COMPANY:	ISES
FAX #:	674-6166
FROM:	Kent F. Brechtel
COMPANY:	Innkeepers of Goshen
FAX #:	219-534-0733
DATE/TIME:	7-7-97 10:25A
PAGES:	4

Comments: Hard copy to follow - Please call me (534-0733 or 536-5877) several days before picking up material so I can make arrangements to un-lock area - Thanks - KB

1375 Lincolnway East, Goshen, IN 46526

PHONE: 219-534-0733

GOSHEN INN & CONFERENCE CENTER

July 7, 1997

Mr. Tris O. Gour
I.S.E.S.
1415 Lincolnway West, Suite E
P.O. Box 233
Osceola, IN 46561

Re: Hazardous Waste Disposal From Eisenhower Drive Property in Goshen, Indiana - Dygert Seating, Inc.

Dear Mr. Gour:

The Eisenhower Drive facility in Goshen, Indiana previously used and leased by Dygert Seating, Inc. is owned by Robert H. Brewster, Sr. and the Trust for his deceased former wife, Esther Brewster, NBD Bank, Trustee. Mr. Brewster is the sole shareholder of Innkeepers of Goshen, Inc., which (among other activities) owns and operates the Goshen Inn & Convention Center (formerly known as the Goshen Holiday Inn). Such business is a meaningful, long-standing operation, that is essentially debt-free and fully capable of fulfilling its financial commitments.

Innkeepers of Goshen, Inc. herewith commits to pay Industrial Safety and Environmental Services the $20,690 as the total cost for the removal and safe and legal disposition of the hazardous and special waste situated at the Eisenhower Drive facility as set forth in your letter of May 1, 1997 to Gregg A. Gaskill, Vice President, Dygert Seating (copy attached). Such financial commitment on the part of Innkeepers of Goshen, Inc. shall be fulfilled at time of removal and disposition of the materials in question. Such payment is being made at your insistence because you fear that Dygert Seating, Inc. (now apparently known as DS Sales, Inc.) will not pay your company for the removal and disposition.

In return for the payment by Innkeepers, you and your company will pursue collection of the removal and disposition expenses from DS Sales through its bankruptcy proceedings as an administrative claim. Any amount so collected will be reimbursed by you and ISES to Innkeepers. At Innkeepers' request, and at any time hereafter, your company will be obligated to assign its collection rights/open account indebtedness to Innkeepers of Goshen, Inc.

1375 Lincolnway East • Goshen, Indiana 46526 • Tel. 219.533.9551 • Fax 219.533.2840 • Internet: www.goshenin.com
Owned and Operated by Innkeepers of Goshen, Inc.

None of Innkeepers of Goshen, Inc., Mr. Brewster, nor NBD Bank as trustee are the owners of the hazardous or special waste to be removed and disposed of. None deem themselves as "responsible parties" under any environmental laws or standards. Dave Dygert, Dygert Seating, and/or Flexsteel Industries have all previously promised and implicitly committed to remove the materials from the rental property, but to date such removal has not occurred, and you refuse to undertake the previously arranged removal if you are not comfortable about being paid. Because Mr. Brewster and NBD Bank cannot lease or sell the building in its current situation (with the materials of Dygert still on site), Innkeepers has agreed to pay the amount owed by Dygert Seating (DS Sales) and/or Dave Dygert though it, Mr. Brewster, and NBD Bank are not in any fashion obligated to remove or dispose of such.

I hope with this assurance in hand, your company will proceed promptly with the proper removal and disposition of the waste materials situated at the Brewster real estate aforementioned.

If you have any questions concerning this writing or the commitment of Innkeepers of Goshen, Inc. herein stated please contact me immediately. Otherwise, I will assume that your company will immediately commence work on the waste removal and disposition.

Thank you for your anticipated cooperation.

Yours truly,

Kent F. Brechtel

Kent F. Brechtel, President,
Innkeepers of Goshen, Inc.

KFB/ka
Enclosure
cc: Dave Dygert
Gordon Lord

AL
ND
ENTAL

Fax 219-674-6166

P.O. BOX 233 • OSCEOLA, IN 46561 • PHONE: (219) 259-4138

Mr. Gregg A. Gaskill
Vice President
Dygert Seating
53381 Marina Drive
P.O. Box 847
Elkhart, Indiana 46515

May 1, 1997

Re: Hazardous Waste Disposal Cost Consideration

Dear Gregg:

I have compiled all information relative to the remaining drums left at the Goshen Facility and am providing the following information for your review.

All waste on-site will be treated as a "one-time" generation and shipment of hazardous and special waste resultant from the closing of a manufacturing facility. We will file for a one time generation and shipment EPA identification number for Dygert Seating, Inc. Using this method, Dygert will not be classified as a large quantity hazardous waste generator. Typically, a shipment of hazardous waste in this quantity would subject you to biennial reporting, state hazardous waste yearly charges and further RCRA compliance issues.

I must stress that we are entering into some "gray" areas of the regulation and only selected individuals should know about this shipment. I would not "muddy" the waters with the building owner at this time due to future ramifications. However, I feel you have every right to pursue some type of cost sharing arrangement.

The following list provides detail of what will be shipped off-site:

Quantity	Unit	Description
30	Drums	Methylene Chloride Adhesives
3	Drums	Methyl Ethyl Ketone
15	Drums	Paint Sludge And Solids
1	Drum	Flammable Adhesives
7	Drums	Starch Adhesives

1	Drum	Soap Granules
1	Drum	Oil And Solvent Mixed
9	Drums	Oil Liquids And Solids
5	Drums	Waste Water And Solvent Mixed
1	Cubic Yard Box	1 And 5 Gallon Solvents, Adhesives, And Remaining Cans

A total of 72 drums and one cubic yard box will be shipped off-site. Dygert will need to have someone out up the glue that is contained in the cardboard container and transfer the contents into 55 gallon drums. We estimate that three (3) drums will be sufficient to hold the transferred material. The remaining cardboard container can be disposed of as normal waste.

The cost associated with this work will be $20, [illegible] all analytical work performed to date, disposal, hazardous waste state tax, and transportation charges. ISES will prepare the application for a one time shipment of hazardous waste at no charge.

ISES will need access to the waste on two occasions and anticipate all waste being removed within 14 days from your approval.

I trust this meets with your approval and please contact me at your earliest convenience to discuss scheduling arrangements and payment method.

Very Truly Yours,

Tris O. Gour CIH, CSP
Industrial Safety and Environmental Services

CONFIDENTIAL STATUS

D&B ENVIRONMENTAL SERVICES
401 Lincoln Way West
Osceola, IN 46561
Phone: 219-674-0161
Fax: 219-674-2778

FAX COVER SHEET

TO: INDUSTRIAL SAFETY DATE: 2-17-98

ATTN: Cathy FROM: Sue

RE: DYGERT SEATING

MESSAGE:

PROFILES AND Manifest Copies to follow.

NUMBER OF PAGES TO FOLLOW: 9

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF SOLID AND HAZARDOUS WASTE MANAGEMENT
P.O. Box 7035
Indianapolis, IN 46207-7035

PLEASE PRINT OR TYPE (Form designed for use on elite (12-pitch typewriter.) Form approved. OMB No. 2050-0039. Expires 9-30

UNIFORM HAZARDOUS WASTE MANIFEST
(Continuation Sheet)

21. Generator's U.S. EPA ID Number: I.N.D.0.0.5.2.5.3.5.1.3
Manifest Document No.: 0.6.8.3.2
22. Page: 2012

Information in the shaded areas is not required by Federal Law, but items L, O, Q, R and T are required by State Law.

23. Generator's Name: DIGERT STAINC
1010 EISENHOWER, GOSHEN, IN 46528
(219) 674-6357

L. State Manifest Document Number: IRA 1170072
M. State Generator's ID
N. State Transporter's ID
O. Transporter's Phone: [illegible] 565-1639
P. State Transporter's ID
Q. Transporter's Phone

24. Transporter _____ Company Name: TRI-STATE MOTOR TRANSIT CO.
25. U.S. EPA ID Number: M.O.D.0.9.5.0.3.8.9.8

26. Transporter _____ Company Name:
26. U.S. EPA ID Number:

28. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol.	R. Waste No.
a. RQ, WASTE PAINT RELATED MATERIAL 3 PGII UN1263	0.14	D.A	. . . .	G	F003
b. NON HAZARDOUS WASTE LIQUID NON DOT REGULATED	0.10	D.A	. . . .	G	N/R
c. NON HAZARDOUS WASTE SOLID NON DOT REGULATED	0.00	D.A	. . . .	G	N/R
d.	. .	.	. . . . .		
e.	. .	.	. . . . .		
f.	. .	.	. . . . .		
g.	. .	.	. . . . .		
h.	. .	.	. . . . .		
i.	. .	.	. . . . .		

S. Additional Descriptions for Materials Listed Above: PAINT (F005, D001, D035) ERG#127
2AB MS-1448291 NON HAZ SPRAYS ADHESIVES
2BC MS-1448308 SOAP GRANULES

T. Handling Codes for Waste Listed Above: 301

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter _____ Acknowledgement of Receipt of Materials
Printed / Typed Name | Signature | DATE Month Day Ye

34. Transporter _____ Acknowledgement of Receipt of Materials
Printed / Typed Name | Signature | DATE Month Day Ye

FACILITY

35. Discrepancy Indication Space

GENERATOR

In case of a spill call the Indiana Office of Environmental Response at 317/241-4336 (day or night) and the National Response Center at 800/424-8802 or 202/426-2675.

EPA Form 8700-22A Previous editions are obsolete
State Form 42472 (R4 / 1-94)

COPY 2 GENERATOR COPY

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF SOLID AND HAZARDOUS WASTE MANAGEMENT
P.O. Box 7035
Indianapolis, IN 46207-7035

PLEASE PRINT OR TYPE (Form designed for use on elite (12-pitch typewriter.) Form approved. OMB No. 2050-0039. Expires 9-30-86

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. IND [illegible] Manifest Document No. [illegible]
2. Page 1 of 1
Information in the shaded areas is not required by Federal law, but items D, F, H, I and K are required by State law.

3. Generator's Name and Mailing Address
DIGGIT SPRING
[illegible] ELSEWHERE, GARY, IN 46528
4. Generator's Phone (219) 674-8357

A. State Manifest Document Number INA 1170072
B. State Generator's ID

5. Transporter 1 Company Name: TRI-STATE MOTOR TRANSIT CO.
6. US EPA ID Number: [illegible]
C. State Transporter's ID
D. Transporter's Phone (800) 388-1899

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
[illegible] CHEMICAL INDUSTRIES OF INDIANA, INC.
[illegible] AVENUE
EAST CHICAGO, IN 46312
10. US EPA ID Number: IND [illegible]
G. State Facility's ID: N/A
H. Facility's Phone: (219) 397-3321

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol.	I. Waste No.
a. RQ, WASTE FLAMMABLE LIQUIDS, N.O.S. (METHYL ETHYL KETONE, TOLUENE) 3 UN1993 PGII	001	DM	200	G	F003
b. RQ, WASTE DOT[illegible] ALCOHOL 3 UN1993 PGII	021	DM	105.0	G	F002
c. RQ, WASTE ADHESIVES 3 UN1133 PGII	001	DM	5.0	G	F005
d. RQ, WASTE PAINTS ETHYL ACETATE 3 UN1263 PGII	004	DM	20.0	G	F005

J. Additional Descriptions for Materials Listed Above
1AA RS-137330 ASSORT SOL & ADHES(F005,D001,D035)ERG128
1AB RS-146327L WSP ADHES ERG150 1AC RS-146285L ADHESIVE (D001)ERG127 1AD RS-146311L MEK ETH KET(D001)ERG127

K. Handling Codes for Wastes Listed Above: 001

15. Special Handling Instructions and Additional Information
[illegible] 5-502579 T1-[illegible] D- 12- D-9
[illegible] Emergency Phone #:
[illegible] Trailer #:
[illegible] Seal #:

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 governmental 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.

GENERATOR: Printed/Typed Name | Signature | Date Month Day Year

TRANSPORTER
17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date Month Day Year
18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date Month Day Year

FACILITY
19. Discrepancy Indication Space
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted item 19.
Printed/Typed Name | Signature | Date Month Day Year

INA 1170072

In case of a spill call the Indiana Office of Environmental Response at 317/241-4336 (day or night) and the National Response Center at 800/424-8802 or 202/426-2675.

EPA Form 8700-22
Previous editions are obsolete
State Form 11865 (R2 / 1-94)

Generator Name: DYGERT SEATING Billing Name: D+B ENVIRONMENTAL

Street 1010 EISENHOWER ST. Street 401 L.W.W.

City GOSHEN State IN Zip 46526 City OSCEOLA State IN Zip 46 56

Technical Contact: TRIS GORE Title: AGENT Phone 219 674-8357 Fax:

Federal EPA ID No.: IND 005253513 State ID No.: S.I.C. Code: Form Code B:

☐ Check if you are a Conditionally Exempt Small Quantity Generator ☒ Check if you are a Broker PCI Sales Rep.

Common Name of Waste ASSORTED SOLVENTS & ADHESIVES

Original Process Generating Waste (must be specific) PLANT CLEANUP

Method of Shipment ☐ Drum (SIZE) ☒ Bulk 1 YD Box Quantity 1 per ☐ Wk ☐ Mo ☐ Qtr ☐ Yr ☒ One-time

MSDS Attached? ☐ Yes ☒ No TCLP Attached? ☐ Yes ☒ No ☐ Check if sample has been submitted

B. PHYSICAL PROPERTIES @ 25°C (77°F)

Color(s) MULTI % Total Halogens Specific Gravity

Odor (via casual detection) ☐ None ☒ Mild ☐ Strong

Physical State		Phase/Layers	Btu/Lb.	pH	Flashpoint
80 % Liquid	% Sludge	☐ Single	☐ < 5,000	☐ < 2.0	☒ < 73°
20 % Solid	% Powder	☐ Multiple, how many	☐ 5-10,000	☒ 2.0-12.5	☐ 73-140°
% Other, describe			☒ > 10,000	☐ > 12.5	☐ 140-200°
			Exact	Exact	☐ > 200°
					Exact

C. CHEMICAL COMPOSITION (List Hazardous as well as Non-Hazardous components and corresponding ranges.)

SEE ATTACHED LIST

MATERIAL IN ONE CUBIC YARD BOX IN ORIGINAL CONTAINERS

Total of Maximum concentration must be ≥ 100%

OTHER COMPONENTS TOTAL (PPM)

	NO	YES		NO	YES
CYANIDES	☒	☐			
SULFIDES	☒	☐	AMINES	☒	☐
REACTIVE CYANIDES	☒	☐	PCB'S	☒	☐
REACTIVE SULFIDES	☒	☐	PHENOLICS	☒	☐

HAZARDOUS PROPERTIES

☒ NONE ☐ BENZENE NESHAP
☐ WATER REACTIVE ☐ AIR REACTIVE ☐ EXPLOSIVE
☐ SHOCK SENSITIVE ☐ PYROPHORIC ☐ POLYMERIZABLE
☐ RADIOACTIVE ☐ PESTICIDE, INSECTICIDE ☐ PATHOGEN
☐ CORROSIVE ☐ ETIOLOGICAL ☐ BIOLOGICAL
☐ DIOXINS OTHER

D. Based on knowledge or analysis, provide an actu value or value for TCLP concentrations or total met concentrations in ppm.

INORGANIC CHARACTERISTICS			
D004	Arsenic	5.0	NA
D005	Barium	100.0	
D006	Cadmium	1.0	
D007	Chromium	5.0	
D008	Lead	5.0	
D009	Mercury	0.2	
D010	Selenium	1.0	
D011	Silver	5.0	
	Copper	100.0	
	Zinc	500.0	
ORGANIC CHARACTERISTICS			
D012	Endrin	0.02	NA
D013	Lindane	0.4	
D014	Methoxychlor	10.0	
D015	Toxaphene	0.5	
D016	2, 4-Dichlorophenoxyacetic Acid	10.0	
D017	2, 4, 5,-TP (Silvex)	1.0	
D018	Benzene	0.5	
D019	Carbon Tetrachloride	0.5	
D020	Chlordane	0.03	
D021	Chlorobenzene	100.0	
D022	Chloroform	6.0	
D023	o-Cresol	200.0	
D024	m-Cresol	200.0	
D025	p-Cresol	200.0	
D026	Cresol	200.0	
D027	1, 4-Dichlorobenzene	7.5	
D028	1, 2-Dichloroethane	0.5	
D029	1, 1-Dichloroethylene	0.7	
D030	2, 4-Dinitrotoluene	0.13	
D031	Heptachlor (and it's epoxide)	0.008	
D032	Hexachlorobenzene	0.13	
D033	Hexachlorobutadiene	0.5	
D034	Hexachloroethane	3.0	
D035	Methyl Ethyl Ketone	200.0	250
D036	Nitrobenzene	2.0	NA
D037	Pentachlorophenol	100.0	
D038	Pyridine	5.0	
D039	Tetrachloroethylene	0.7	
D040	Trichloroethylene	0.5	
D041	2, 4, 5-Trichlorophenol	400.0	
D042	2, 4, 6-Trichlorophenol	2.0	
D043	Vinyl Chloride	0.2	

E. RCRA CHARACTERIZATION

1. Is this material a "Hazardous Waste" under 40CFR 261.3? ☒ Yes ☐ No
2. Is this a "Characteristic Waste"? ☒ Yes ☐ No
   If "Yes" is it: ☒ D001 Ignitable ☐ D002 Corrosive ☐ D003 Reactive
   ☐ D004 - D043 Toxic, give specific codes: D023
3. Is this an "F" or a "K" waste or mixed with one? ☒ Yes ☐ No
   If "Yes" give waste codes from 40CFR 261.31 and/or 261.32: F005 - F003
4. Is this a commercial chemical product or spill cleanup that would carry a "U" or "P" waste code under 40CFR 261.33 (e) or (f) ☐ Yes ☒ No
   If "Yes" give the waste code.
5. Is this a state regulated waste? ☐ Yes ☒ No
   If "Yes" give codes:

DOT CHARACTERIZATION

1. Is this a "Hazardous Substance/Marine Pollutant" as defined in 49CFR D.O.T.? ☐ Yes ☒ No
2. If "Yes" give the proper D.O.T. Shipping Description from 49CFR 172.101: FLAMMABLE LIQUIDS N.O.S. UN/NA #: 1993
3. Hazard Class: 3 RQ Packaging Group: II
4. Give the two primary hazardous constituents: METHEYL ETHYL KETONE

GENERATOR CERTIFICATION

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability. No deliberate or willful omissions of composition or properties exist and that all known or suspected hazards have been disclosed.

I also certify that the obtained sample is representative of the waste material described above and give PCI permission and consent to make amendments and corrections.

NAME (Print) TRIS GORE TITLE AGENT

SIGNATURE DATE 7-29-97

SAMPLERS SIGNATURE PHONE

For Internal Use Only

Date Received

Date Approved

Treatment Method

PCI 137836

Company Name

Waste Common Name

Sample Collected By

Date Collected

A.

Generator Name: DYGERT SEATING Billing Name: D&B ENVIRONMENTAL

Street 1012 EISENHOWER Street 401 C.W.W.

City GOSHEN State IN Zip 46528 City OSCEOLA State IN Zip 4656

Technical Contact: TRIS GORE Title: AGENT Phone: 219 674-8357 Fax:

Federal EPA ID No. IND 005253513 State ID No.: S.I.C. Code: Form Code B:

☐ Check if you are a Conditionally Exempt Small Quantity Generator PCI Sales Rep.

Common Name of Waste WASTE ADHESIVE

Original Process Generating Waste (must be specific) SPRAYING CUSHIONS

Method of Shipment ☒ Drum (size) 55 GAL ☐ Bulk Quantity 27 per ☐ Wk ☐ Mo ☐ Qtr ☐ Yr ☒ One-tim

MSDS Attached? ☐ Yes ☒ No TCLP Attached? ☐ Yes ☒ No ☐ Check if sample has been submitted

B. PHYSICAL PROPERTIES @ 25°C (77°F)

Color(s) YELLOWISH % Total Halogens Specific Gravity

Odor (via casual detection) ☐ None ☐ Mild ☒ Strong

Physical State	Phase/Layers	Btu/Lb.	pH	Flashpoint
50 % Liquid 50 % Sludge	☐ Single	☐ < 5,000	☐ < 2.0	☐ < 73°
% Solid % Powder	☐ Multiple, how many	☒ 5-10,000	☒ 2.0-12.5	☐ 73-140°
% Other, describe		☐ > 10,000	☐ > 12.5	☐ 140-200°
		Exact	Exact	☒ > 200°
				Exact

C. CHEMICAL COMPOSITION
(List Hazardous as well as Non-Hazardous components and corresponding ranges.)

RESIN	60 - 70	%
METHYLENE CHLORIDE	30 - 40	%
		%
		%
		%
		%
		%
		%
		%

Total of Maximum concentration must be ≥ 100%

OTHER COMPONENTS TOTAL (PPM)

	NO	YES			NO	YES	
CYANIDES	☒	☐					
SULFIDES	☒	☐		AMINES	☒	☐	
REACTIVE CYANIDES	☒	☐		PCB'S	☒	☐	
REACTIVE SULFIDES	☒	☐		PHENOLICS	☒	☐	

HAZARDOUS PROPERTIES

☒ NONE ☐ BENZENE NESHAP

☐ WATER REACTIVE ☐ AIR REACTIVE ☐ EXPLOSIVE

☐ SHOCK SENSITIVE ☐ PYROPHORIC ☐ POLYMERIZABLE

☐ RADIOACTIVE ☐ PESTICIDE, INSECTICIDE ☐ PATHOGEN

☐ CORROSIVE ☐ ETIOLOGICAL ☐ BIOLOGICAL

☐ DIOXINS OTHER

D.
Based on knowledge or analysis, provide an actu value or value for TCLP concentrations or total me concentrations in ppm.

INORGANIC CHARACTERISTICS			
D004	Arsenic	5.0	NA
D005	Barium	100.0	
D006	Cadmium	1.0	
D007	Chromium	5.0	
D008	Lead	5.0	
D009	Mercury	0.2	
D010	Selenium	1.0	
D011	Silver	5.0	
	Copper	100.0	
	Zinc	500.0	
ORGANIC CHARACTERISTICS			
D012	Endrin	0.02	N
D013	Lindane	0.4	
D014	Methoxychlor	10.0	
D015	Toxaphene	0.5	
D016	2, 4-Dichlorophenoxyacetic Acid	10.0	
D017	2, 4, 5,-TP (Silvex)	1.0	
D018	Benzene	0.5	
D019	Carbon Tetrachloride	0.5	
D020	Chlordane	0.03	
D021	Chlorobenzene	100.0	
D022	Chloroform	6.0	
D023	o-Cresol	200.0	
D024	m-Cresol	200.0	
D025	p-Cresol	200.0	
D026	Cresol	200.0	
D027	1, 4-Dichlorobenzene	7.5	
D028	1, 2-Dichloroethane	0.5	
D029	1, 1-Dichloroethylene	0.7	
D030	2, 4-Dinitrotoluene	0.13	
D031	Heptachlor (and it's epoxide)	0.008	
D032	Hexachlorobenzene	0.13	
D033	Hexachlorobutadiene	0.5	
D034	Hexachloroethane	3.0	
D035	Methyl Ethyl Ketone	200.0	
D036	Nitrobenzene	2.0	
D037	Pentachlorophenol	100.0	
D038	Pyridine	5.0	
D039	Tetrachloroethylene	0.7	
D040	Trichloroethylene	0.5	
D041	2, 4, 5-Trichlorophenol	400.0	
D042	2, 4, 6-Trichlorophenol	2.0	
D043	Vinyl Chloride	0.2	

E. RCRA CHARACTERIZATION

1. Is this material a "Hazardous Waste" under 40CFR 261.3? ☒ Yes ☐ No
2. Is this a "Characteristic Waste"? ☐ Yes ☒ No
   If "Yes" is it: ☐ D001 Ignitable ☐ D002 Corrosive ☐ D003 Reactive
   ☐ D004 - D043 Toxic, give specific codes: F002
3. Is this an "F" or a "K" waste or mixed with one? ☒ Yes ☐ No
   If "Yes" give waste codes from 40CFR 261.31 and/or 261.32: F002
4. Is this a commercial chemical product or spill cleanup that would carry a "U" or "P" waste code under 40CFR 261.33 (e) or (f) ☐ Yes ☒ No
   If "Yes" give the waste code:
5. Is this a state regulated waste? ☐ Yes ☒ No
   If "Yes" give codes:

DOT CHARACTERIZATION

1. Is this a "Hazardous Substance/Marine Pollutant" as defined in 49CFR D.O.T.? ☐ Yes ☒ No
2. If "Yes" give the proper D.O.T. Shipping Description from 49CFR 172.101:
   WASTE DICHLOROMETHANE UN/NA #: 1593
3. Hazard Class: 6.1 RQ ✓ Packaging Group: III
4. Give the two primary hazardous constituents: METHYLENE CHLORIDE

For Internal Use Only

Date Received

Date Approved

Treatment Method

PCI 144827

Company Name

Waste Common Name

Sample Collected By

Date Collected

GENERATOR CERTIFICATION

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability. No deliberate or willful omissions of composition or properties exist and that all known or suspected hazards have been disclosed.

I also certify that the obtained sample is representative of the waste material described above and give PCI permission and consent to make amendments and corrections.

NAME (Print) TRIS GORE TITLE AGENT

SIGNATURE Tris Gore DATE 7-18-97

SAMPLERS SIGNATURE PHONE

A.

Generator Name: DYGERT SEATING Billing Name: D & B ENVIRONMENTAL

Street 1010 ISENHOWER ST. Street 401 L.W.W.

City GOSHEN State IN Zip 46528 City OSCEOLA State IN Zip 4656

Technical Contact: TRIS FORE Title: AGENT Phone 219 674-8357 Fax:

Federal EPA ID No.: IND 005253513 State ID No.: S.I.C. Code: Form Code B:

☐ Check if you are a Conditionally Exempt Small Quantity Generator PCI Sales Rep.

Common Name of Waste WASTE PAINT

Original Process Generating Waste (must be specific) SPRAY PAINT OPERATION

Method of Shipment ☑ Drum (size) 55GAL ☐ Bulk Quantity 115 per ☐ Wk ☐ Mo ☐ Qtr ☐ Yr ☒ One-tim

MSDS Attached? ☐ Yes ☒ No TCLP Attached? ☐ Yes ☒ No ☐ Check if sample has been submittec

B. PHYSICAL PROPERTIES @ 25°C (77°F)

Color(s) BLACK % Total Halogens Specific Gravity

Odor (via casual detection) ☐ None ☐ Mild ☐ Strong

Physical State	Phase/Layers	Btu/Lb.	pH	Flashpoint
70 % Liquid % Sludge	☐ Single	☐ < 5,000	☐ < 2.0	☐ < 73°
30 % Solid % Powder	☐ Multiple, how many	☐ 5-10,000	☐ 2.0-12.5	☐ 73-140°
% Other, describe		☐ > 10,000	☐ > 12.5	☐ 140-200°
		Exact	Exact	☐ > 200°
				Exact

C. CHEMICAL COMPOSITION
(List Hazardous as well as Non-Hazardous components and corresponding ranges.)

PAINT	40	50 %
ACETONE	5	10 %
TOLUENE	10	15 %
XYLENE	10	15 %
METHYL ETHYL KETONE	5	10 %
METHYL ISOBUTYL KETONE	5	10 %
		%
		%
		%

Total of Maximum concentration must be ≥ 100%

OTHER COMPONENTS TOTAL (PPM)

	NO	YES			NO	YES	
CYANIDES	☒	☐					
SULFIDES REACTIVE	☒	☐		AMINES	☒	☐	
CYANIDES REACTIVE	☒	☐		PCB'S	☒	☐	
SULFIDES	☒	☐		PHENOLICS	☒	☐	

HAZARDOUS PROPERTIES

☒ NONE ☐ BENZENE NESHAP
☐ WATER REACTIVE ☐ AIR REACTIVE ☐ EXPLOSIVE
☐ SHOCK SENSITIVE ☐ PYROPHORIC ☐ POLYMERIZABLE
☐ RADIOACTIVE ☐ PESTICIDE, INSECTICIDE ☐ PATHOGEN
☐ CORROSIVE ☐ ETIOLOGICAL ☐ BIOLOGICAL
☐ DIOXINS OTHER

D.
Based on knowledge or analysis, provide an act value or value for TCLP concentrations or total me concentrations in ppm.

INORGANIC CHARACTERISTICS			
D004	Arsenic	5.0	N
D005	Barium	100.0	
D006	Cadmium	1.0	
D007	Chromium	5.0	
D008	Lead	5.0	
D009	Mercury	0.2	
D010	Selenium	1.0	
D011	Silver	5.0	
	Copper	100.0	
	Zinc	500.0	

ORGANIC CHARACTERISTICS			
D012	Endrin	0.02	N
D013	Lindane	0.4	
D014	Methoxychlor	10.0	
D015	Toxaphene	0.5	
D016	2, 4-Dichlorophenoxyacetic Acid	10.0	
D017	2, 4, 5,-TP (Silvex)	1.0	
D018	Benzene	0.5	
D019	Carbon Tetrachloride	0.5	
D020	Chlordane	0.03	
D021	Chlorobenzene	100.0	
D022	Chloroform	6.0	
D023	o-Cresol	200.0	
D024	m-Cresol	200.0	
D025	p-Cresol	200.0	
D026	Cresol	200.0	
D027	1, 4-Dichlorobenzene	7.5	
D028	1, 2-Dichloroethane	0.5	
D029	1, 1-Dichloroethylene	0.7	
D030	2, 4-Dinitrotoluene	0.13	
D031	Heptachlor (and it's epoxide)	0.008	
D032	Hexachlorobenzene	0.13	
D033	Hexachlorobutadiene	0.5	
D034	Hexachloroethane	3.0	
D035	Methyl Ethyl Ketone	200.0	2
D036	Nitrobenzene	2.0	
D037	Pentachlorophenol	100.0	
D038	Pyridine	5.0	
D039	Tetrachloroethylene	0.7	
D040	Trichloroethylene	0.5	
D041	2, 4, 5-Trichlorophenol	400.0	
D042	2, 4, 6-Trichlorophenol	2.0	
D043	Vinyl Chloride	0.2	

E. RCRA CHARACTERIZATION

1. Is this material a "Hazardous Waste" under 40CFR 261.3? ☒ Yes ☐ No
2. Is this a "Characteristic Waste"? ☒ Yes ☐ No
   If "Yes" is it: ☒ D001 Ignitable ☐ D002 Corrosive ☐ D003 Reactive
   ☐ D004 - D043 Toxic, give specific codes:
3. Is this an "F" or a "K" waste or mixed with one? ☒ Yes ☐ No
   If "Yes" give waste codes from 40CFR 261.31 and/or 261.32: F003 - F005
4. Is this a commercial chemical product or spill cleanup that would carry a "U" or "P" waste code under 40CFR 261.33 (e) or (f) ☐ Yes ☒ No
   If "Yes" give the waste code:
5. Is this a state regulated waste? ☐ Yes ☒ No
   If "Yes" give codes:

DOT CHARACTERIZATION

1. Is this a "Hazardous Substance/Marine Pollutant" as defined in 49CFR D.O.T.? ☐ Yes ☐ No
2. If "Yes" give the proper D.O.T. Shipping Description from 49CFR 172.101:
   WASTE PAINT RELATED MATERIAL UN/NA 1263
3. Hazard Class: 3 RQ Packaging Group: II
4. Give the two primary hazardous constituents: TOLUENE - XYLENE

GENERATOR CERTIFICATION

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability. No deliberate or willful omissions of composition or properties exist and that all known or suspected hazards have been disclosed.

I also certify that the obtained sample is representative of the waste material described above and give PCI permission and consent to make amendments and corrections.

NAME (Print) TRIS GORE TITLE AGENT

SIGNATURE DATE 2-18-97

SAMPLERS SIGNATURE PHONE

For Internal Use Only

Date Received

Date Approved

Treatment Method

PCI 14499

Company Name

Waste Common Name

Sample Collected By

Date Collected

A.

Generator Name: DYGERT SEATING Billing Name: D&B ENVIRONMENTAL

Street 1010 EISENHOWER ST. Street 401 L.W.W.

City GOSHEN State IN Zip 46528 City OSCEOLA State IN Zip 46561

Technical Contact: TRIS GORE Title: AGENT Phone: 219 674-8357 Fax:

Federal EPA ID No.: IND005253513 State ID No.: S.I.C. Code: Form Code B:

☐ Check if you are a Conditionally Exempt Small Quantity Generator PCI Sales Rep.

Common Name of Waste METHYL ETHYL KETONE

Original Process Generating Waste (must be specific) PAINT THINNING

Method of Shipment ☑ Drum (size) 55GAL ☐ Bulk Quantity 3 per ☐ Wk ☐ Mo ☐ Qtr ☐ Yr ☒ One-tim

MSDS Attached? ☐ Yes ☒ No TCLP Attached? ☐ Yes ☒ No ☐ Check if sample has been submitted

B. PHYSICAL PROPERTIES @ 25°C (77°F)

Color(s) CLEAR % Total Halogens Specific Gravity

Odor (via casual detection) ☐ None ☐ Mild ☒ Strong

Physical State	Phase/Layers	Btu/Lb.	pH	Flashpoint
100 % Liquid	% Sludge ☐ Single	☐ < 5,000	☐ < 2.0	☒ < 73°
% Solid	% Powder ☐ Multiple, how many	☐ 5-10,000	☒ 2.0-12.5	☐ 73-140°
% Other, describe		☒ > 10,000	☐ > 12.5	☐ 140-200°
		Exact	Exact	☐ > 200°
				Exact

C. CHEMICAL COMPOSITION
(List Hazardous as well as Non-Hazardous components and corresponding ranges.)

METHYL ETHYL KETONE 100 %

Total of Maximum concentration must be ≥ 100%

OTHER COMPONENTS TOTAL (PPM)

	NO	YES		NO	YES
CYANIDES	☒	☐	AMINES	☒	☐
SULFIDES	☒	☐	PCB'S	☒	☐
REACTIVE CYANIDES	☒	☐	PHENOLICS	☒	☐
REACTIVE SULFIDES	☒	☐			

HAZARDOUS PROPERTIES

☒ NONE ☐ BENZENE NESHAP
☐ WATER REACTIVE ☐ AIR REACTIVE ☐ EXPLOSIVE
☐ SHOCK SENSITIVE ☐ PYROPHORIC ☐ POLYMERIZABLE
☐ RADIOACTIVE ☐ PESTICIDE, INSECTICIDE ☐ PATHOGEN
☐ CORROSIVE ☐ ETIOLOGICAL ☐ BIOLOGICAL
☐ DIOXINS OTHER

D. Based on knowledge or analysis, provide an actu value or value for TCLP concentrations or total me concentrations in ppm.

INORGANIC CHARACTERISTICS			
D004	Arsenic	5.0	NA
D005	Barium	100.0	
D006	Cadmium	1.0	
D007	Chromium	5.0	
D008	Lead	5.0	
D009	Mercury	0.2	
D010	Selenium	1.0	
D011	Silver	5.0	
	Copper	100.0	
	Zinc	500.0	

ORGANIC CHARACTERISTICS			
D012	Endrin	0.02	NA
D013	Lindane	0.4	
D014	Methoxychlor	10.0	
D015	Toxaphene	0.5	
D016	2, 4-Dichlorophenoxyacetic Acid	10.0	
D017	2, 4, 5,-TP (Silvex)	1.0	
D018	Benzene	0.5	
D019	Carbon Tetrachloride	0.5	
D020	Chlordane	0.03	
D021	Chlorobenzene	100.0	
D022	Chloroform	6.0	
D023	o-Cresol	200.0	
D024	m-Cresol	200.0	
D025	p-Cresol	200.0	
D026	Cresol	200.0	
D027	1, 4-Dichlorobenzene	7.5	
D028	1, 2-Dichloroethane	0.5	
D029	1, 1-Dichloroethylene	0.7	
D030	2, 4-Dinitrotolune	0.13	
D031	Heptachlor (and it's epoxide)	0.008	
D032	Hexachlorobenzene	0.13	
D033	Hexachlorobutadiene	0.5	
D034	Hexachloroethane	3.0	
D035	Methyl Ethyl Ketone	200.0	20
D036	Nitrobenzene	2.0	N
D037	Pentachlorophenol	100.0	
D038	Pyridine	5.0	
D039	Tetrachloroethylene	0.7	
D040	Trichloroethylene	0.5	
D041	2, 4, 5-Trichlorophenol	400.0	
D042	2, 4, 6-Trichlorophenol	2.0	
D043	Vinyl Chloride	0.2	

E. RCRA CHARACTERIZATION

1. Is this material a "Hazardous Waste" under 40CFR 261.3? ☒ Yes ☐ No
2. Is this a "Characteristic Waste"? ☒ Yes ☐ No
   If "Yes" is it: ☒ D001 Ignitable ☐ D002 Corrosive ☐ D003 Reactive
   ☐ D004 - D043 Toxic, give specific codes:
3. Is this an "F" or a "K" waste or mixed with one? ☒ Yes ☐ No
   If "Yes" give waste codes from 40CFR 261.31 and/or 261.32: F005
4. Is this a commercial chemical product or spill cleanup that would carry a "U" or "P" waste code under 40CFR 261.33 (e) or (f) ☐ Yes ☒ No
   If "Yes" give the waste code:
5. Is this a state regulated waste? ☐ Yes ☒ No
   If "Yes" give codes:

DOT CHARACTERIZATION

1. Is this a "Hazardous Substance/Marine Pollutant" as defined in 49CFR D.O.T.? ☐ Yes ☐ No
2. If "Yes" give the proper D.O.T Shipping Description from 49CFR 172.101:
   WASTE METHYL ETHYL KETONE UN/NA #: 1193
3. Hazard Class 3 RQ Packaging Group: II
4. Give the two primary hazardous constituents: METHYL ETHYL KETONE

For Internal Use Only

Date Received

Date Approved

Treatment Method

PCI 14483

Company Name

Waste Common Name

Sample Collected By

Date Collected

GENERATOR CERTIFICATION

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability. No deliberate or willful omissions of composition or properties exist and that all known or suspected hazards have been disclosed.

I also certify that the obtained sample is representative of the waste material described above and give PCI permission and consent to make amendments and corrections.

NAME (Print) TRIS GORE TITLE AGENT

SIGNATURE DATE 2/13-97

SAMPLERS SIGNATURE PHONE

A.

Generator Name: DYGERT SEATING — Billing Name: D+B ENVIRONMENTAL

Street 1010 ISENHOWER ST. — Street 401 L.W.W.

City GOSHEN State IN Zip 46528 — City OSCEOLA State IN Zip 4656

Technical Contact: TRIS GORE — Title: AGENT — Phone 219 674-8357 Fax:

Federal EPA ID No.: IND 006253513 — State ID No.: — S.I.C. Code: — Form Code B:

☐ Check if you are a Conditionally Exempt Small Quantity Generator — PCI Sales Rep.

Common Name of Waste ADHESIVES

Original Process Generating Waste (must be specific) SEATING GLUE

Method of Shipment ☒ Drum (size) 55 GAL ☐ Bulk — Quantity 1 per ☐ Wk ☐ Mo ☐ Qtr ☐ Yr ☒ One-time

MSDS Attached? ☐ Yes ☐ No — TCLP Attached? ☐ Yes ☐ No — ☐ Check if sample has been submitted

B. PHYSICAL PROPERTIES @ 25°C (77°F)

Color(s) BROWNISH — % Total Halogens — Specific Gravity

Odor (via casual detection) ☐ None ☐ Mild ☒ Strong

Physical State	Phase/Layers	Btu/Lb.	pH	Flashpoint
100 % Liquid	% Sludge ☐ Single	☐ < 5,000	☐ < 2.0	☒ < 73°
% Solid	% Powder ☐ Multiple, how many	☐ 5-10,000	☒ 2.0-12.5	☐ 73-140°
% Other, describe		☒ > 10,000	☐ > 12.5	☐ 140-200°
		Exact	Exact	☐ > 200°
				Exact

C. CHEMICAL COMPOSITION (List Hazardous as well as Non-Hazardous components and corresponding ranges.)

RESIN	40 - 50	%
TOLUENE	50 - 60	%
		%
		%
		%
		%
		%
		%
		%
		%

Total of Maximum concentration must be ≥ 100%

OTHER COMPONENTS TOTAL (PPM)

	NO	YES		NO	YES
CYANIDES	☒				
SULFIDES	☒		AMINES	☒	
REACTIVE CYANIDES	☒		PCB'S	☒	
REACTIVE SULFIDES	☒		PHENOLICS	☒	

HAZARDOUS PROPERTIES

☒ NONE ☐ BENZENE NESHAP
☐ WATER REACTIVE ☐ AIR REACTIVE ☐ EXPLOSIVE
☐ SHOCK SENSITIVE ☐ PYROPHORIC ☐ POLYMERIZABLE
☐ RADIOACTIVE ☐ PESTICIDE, INSECTICIDE ☐ PATHOGEN
☐ CORROSIVE ☐ ETIOLOGICAL ☐ BIOLOGICAL
☐ DIOXINS — OTHER

D. Based on knowledge or analysis, provide an actual value or value for TCLP concentrations or total metal concentrations in ppm.

INORGANIC CHARACTERISTICS			
D004	Arsenic	5.0	NA
D005	Barium	100.0	
D006	Cadmium	1.0	
D007	Chromium	5.0	
D008	Lead	5.0	
D009	Mercury	0.2	
D010	Selenium	1.0	
D011	Silver	5.0	
	Copper	100.0	
	Zinc	500.0	
ORGANIC CHARACTERISTICS			
D012	Endrin	0.02	NA
D013	Lindane	0.4	
D014	Methoxychlor	10.0	
D015	Toxaphene	0.5	
D016	2, 4-Dichlorophenoxyacetic Acid	10.0	
D017	2, 4, 5,-TP (Silvex)	1.0	
D018	Benzene	0.5	
D019	Carbon Tetrachloride	0.5	
D020	Chlordane	0.03	
D021	Chlorobenzene	100.0	
D022	Chloroform	6.0	
D023	o-Cresol	200.0	
D024	m-Cresol	200.0	
D025	p-Cresol	200.0	
D026	Cresol	200.0	
D027	1, 4-Dichlorobenzene	7.5	
D028	1, 2-Dichloroethane	0.5	
D029	1, 1-Dichloroethylene	0.7	
D030	2, 4-Dinitrotoluene	0.13	
D031	Heptachlor (and it's epoxide)	0.008	
D032	Hexachlorobenzene	0.13	
D033	Hexachlorobutadiene	0.5	
D034	Hexachloroethane	3.0	
D035	Methyl Ethyl Ketone	200.0	
D036	Nitrobenzene	2.0	
D037	Pentachlorophenol	100.0	
D038	Pyridine	5.0	
D039	Tetrachloroethylene	0.7	
D040	Trichloroethylene	0.5	
D041	2, 4, 5-Trichlorophenol	400.0	
D042	2, 4, 6-Trichlorophenol	2.0	
D043	Vinyl Chloride	0.2	

E. RCRA CHARACTERIZATION

1. Is this material a "Hazardous Waste" under 40CFR 261.3? ☒ Yes ☐ No
2. Is this a "Characteristic Waste"? ☒ Yes ☐ No
   If "Yes" is it: ☒ D001 Ignitable ☐ D002 Corrosive ☐ D003 Reactive
   ☐ D004 - D043 Toxic, give specific codes:
3. Is this an "F" or a "K" waste or mixed with one? ☒ Yes ☐ No
   If "Yes" give waste codes from 40CFR 261.31 and/or 261.32: F005
4. Is this a commercial chemical product or spill cleanup that would carry a "U" or "P" waste code under 40CFR 261.33 (e) or (f) ☐ Yes ☒ No
   If "Yes" give the waste code:
5. Is this a state regulated waste? ☐ Yes ☒ No
   If "Yes" give codes:

DOT CHARACTERIZATION

1. Is this a "Hazardous Substance/Marine Pollutant" as defined in 49CFR D.O.T.? ☐ Yes ☐ No
2. If "Yes" give the proper D.O.T. Shipping Description from 49CFR 172.101:
   ADHESIVES FLAMMABLE — UN/NA: 1133
3. Hazard Class: 3 — RQ — Packaging Group: II
4. Give the two primary hazardous constituents: TOLUENE

GENERATOR CERTIFICATION

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability. No deliberate or willful omissions of composition or properties exist and that all known or suspected hazards have been disclosed.

I also certify that the obtained sample is representative of the waste material described above and give PCI permission and consent to make amendments and corrections.

NAME (Print) TRIS GORE — TITLE AGENT

SIGNATURE — DATE 7-18-97

SAMPLERS SIGNATURE — PHONE

For Internal Use Only

Date Received

Date Approved

Treatment Method

PCI 144828

Company Name

Waste Common Name

Sample Collected By

Date Collected

A.

Generator Name: DYGERT SEATING — Billing Name: D&B ENVIRONMENTAL

Street 1010 ISENHOWER ST. — Street 401 L.W.W.

City GOSHEN State IN Zip 46528 — City OSCEOLA State IN Zip 4656

Technical Contact: TRIS GORE — Title: AGENT — Phone: 219 674-8357 Fax:

Federal EPA ID No.: IND 005253513 — State ID No.: — S.I.C. Code: — Form Code B:

☐ Check if you are a Conditionally Exempt Small Quantity Generator — PCI Sales Rep.

Common Name of Waste NON-HAZ STARCH ADHESIVES

Original Process Generating Waste (must be specific) LABEL GLUE

Method of Shipment ☑ Drum (SIZE) 55G ☐ Bulk — Quantity 7 per ☐ Wk ☐ Mo ☐ Qtr ☐ Yr ☒ One-tim

MSDS Attached? ☐ Yes ☒ No — TCLP Attached? ☐ Yes ☒ No — ☐ Check if sample has been submitte

B. PHYSICAL PROPERTIES @ 25°C (77°F)

Color(s) WHITE — % Total Halogens — Specific Gravity

Odor (via casual detection) ☐ None ☒ Mild ☐ Strong

Physical State	Phase/Layers	Btu/Lb.	pH	Flashpoint
100 % Liquid	% Sludge ☐ Single	☒ < 5,000	☐ < 2.0	☐ < 73°
% Solid	% Powder ☐ Multiple, how many	☐ 5-10,000	☒ 2.0-12.5	☐ 73-140°
% Other, describe		☐ > 10,000	☐ > 12.5	☐ 140-200°
		Exact	Exact	☒ > 200°
				Exact

C. CHEMICAL COMPOSITION
(List Hazardous as well as Non-Hazardous components and corresponding ranges.)

WATER	20 - 30	%
STARCH	50 - 60	%
RESINS	5 - 10	%
		%
		%
		%
		%
		%
		%

Total of Maximum concentration must be ≥ 100% ____

OTHER COMPONENTS TOTAL (PPM)

	NO	YES			NO	YES	
CYANIDES	☒	☐					
SULFIDES	☒	☐		AMINES	☐	☐	
REACTIVE CYANIDES	☒	☐		PCB'S	☐	☐	
REACTIVE SULFIDES	☒	☐		PHENOLICS	☐	☐	

HAZARDOUS PROPERTIES

☒ NONE ☐ BENZENE NESHAP
☐ WATER REACTIVE ☐ AIR REACTIVE ☐ EXPLOSIVE
☐ SHOCK SENSITIVE ☐ PYROPHORIC ☐ POLYMERIZABLE
☐ RADIOACTIVE ☐ PESTICIDE, INSECTICIDE ☐ PATHOGEN
☐ CORROSIVE ☐ ETIOLOGICAL ☐ BIOLOGICAL
☐ DIOXINS — OTHER

D.
Based on knowledge or analysis, provide an act value or value for TCLP concentrations or total m concentrations in ppm.

INORGANIC CHARACTERISTICS		
D004	Arsenic	5.0
D005	Barium	100.0
D006	Cadmium	1.0
D007	Chromium	5.0
D008	Lead	5.0
D009	Mercury	0.2
D010	Selenium	1.0
D011	Silver	5.0
	Copper	100.0
	Zinc	500.0
ORGANIC CHARACTERISTICS		
D012	Endrin	0.02
D013	Lindane	0.4
D014	Methoxychlor	10.0
D015	Toxaphene	0.5
D016	2, 4-Dichlorophenoxyacetic Acid	10.0
D017	2, 4, 5,-TP (Silvex)	1.0
D018	Benzene	0.5
D019	Carbon Tetrachloride	0.5
D020	Chlordane	0.03
D021	Chlorobenzene	100.0
D022	Chloroform	6.0
D023	o-Cresol	200.0
D024	m-Cresol	200.0
D025	p-Cresol	200.0
D026	Cresol	200.0
D027	1, 4-Dichlorobenzene	7.5
D028	1, 2-Dichloroethane	0.5
D029	1, 1-Dichloroethylene	0.7
D030	2, 4-Dinitrotoluene	0.13
D031	Heptachlor (and it's epoxide)	0.008
D032	Hexachlorobenzene	0.13
D033	Hexachlorobutadiene	0.5
D034	Hexachloroethane	3.0
D035	Methyl Ethyl Ketone	200.0
D036	Nitrobenzene	2.0
D037	Pentachlorophenol	100.0
D038	Pyridine	5.0
D039	Tetrachloroethylene	0.7
D040	Trichloroethylene	0.5
D041	2, 4, 5-Trichlorophenol	400.0
D042	2, 4, 6-Trichlorophenol	2.0
D043	Vinyl Chloride	0.2

E. RCRA CHARACTERIZATION

1. Is this material a "Hazardous Waste" under 40CFR 261.3? ☐ Yes ☒ No
2. Is this a "Characteristic Waste"? ☐ Yes ☒ No
   If "Yes" is it: ☐ D001 Ignitable ☐ D002 Corrosive ☐ D003 Reactive
   ☐ D004 - D043 Toxic, give specific codes:
3. Is this an "F" or a "K" waste or mixed with one? ☐ Yes ☒ No
   If "Yes" give waste codes from 40CFR 261.31 and/or 261.32:
4. Is this a commercial chemical product or spill cleanup that would carry a "U" or "P" waste code under 40CFR 261.33 (e) or (f) ☐ Yes ☒ No
   If "Yes" give the waste code.
5. Is this a state regulated waste? ☐ Yes ☒ No
   If "Yes" give codes:

DOT CHARACTERIZATION

1. Is this a "Hazardous Substance/Marine Pollutant" as defined in 49CFR D.O.T.? ☐ Yes ☐ No
2. If "Yes" give the proper D.O.T. Shipping Description from 49CFR 172.101:
   NON-HAZ NON REGULATED — UN/NA #:
3. Hazard Class: — RQ — Packaging Group:
4. Give the two primary hazardous constituents:

GENERATOR CERTIFICATION

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability. No deliberate or willful omissions of composition or properties exist and that all known or suspected hazards have been disclosed.

I also certify that the obtained sample is representative of the waste material described above and give PCI permission and consent to make amendments and corrections.

NAME (Print) TRIS GORE — TITLE AGENT

SIGNATURE — DATE 7-18-97

SAMPLERS SIGNATURE — PHONE

For Internal Use Only

Date Received

Date Approved

Treatment Method

PCI 14482

Company Name

Waste Common Name

Sample Collected By

Date Collected

A.

Generator Name: DYGERT SEATING Billing Name: D&B ENVIRONMENTAL

Street 1010 ISENHOWER ST. Street 401 L.W.W.

City GOSHEN State IN Zip 46528 City OSCEOLA State IN Zip 46561

Technical Contact: IRIS GORE Title: AGENT Phone: 219 674-8357 Fax:

Federal EPA ID No.: IND 005253513 State ID No.: S.I.C. Code: Form Code B:

☐ Check if you are a Conditionally Exempt Small Quantity Generator PCI Sales Rep.

Common Name of Waste SOAP GRANUALS

Original Process Generating Waste (must be specific) POWDER SOAP FLOOR CLEANER

Method of Shipment ☒ Drum (size) 55G ☐ Bulk Quantity 1 per ☐ Wk ☐ Mo ☐ Qtr ☐ Yr ☒ One-t

MSDS Attached? ☐ Yes ☒ No TCLP Attached? ☐ Yes ☒ No ☐ Check if sample has been submitt

B. PHYSICAL PROPERTIES @ 25°C (77°F)

Color(s) WHITE % Total Halogens Specific Gravity

Odor (via casual detection) ☒ None ☐ Mild ☐ Strong

Physical State	Phase/Layers	Btu/Lb.	pH	Flashpoint
% Liquid	% Sludge ☐ Single	☒ < 5,000	☐ < 2.0	☐ < 73°
% Solid 100	% Powder ☐ Multiple, how many	☐ 5-10,000	☒ 2.0-12.5	☐ 73-140°
% Other, describe		☐ > 10,000	☐ > 12.5	☐ 140-200°
		Exact	Exact	☒ > 200°
				Exact

C. CHEMICAL COMPOSITION
(List Hazardous as well as Non-Hazardous components and corresponding ranges.)

NON HAZ POWDER 100 %

Total of Maximum concentration must be ≥ 100%

OTHER COMPONENTS TOTAL (PPM)

	NO	YES			NO	YES
CYANIDES	☐	☐				
SULFIDES	☐	☐		AMINES	☐	☐
REACTIVE CYANIDES	☐	☐		PCB'S	☐	☐
REACTIVE SULFIDES	☐	☐		PHENOLICS	☐	☐

HAZARDOUS PROPERTIES

☐ NONE ☐ BENZENE NESHAP
☐ WATER REACTIVE ☐ AIR REACTIVE ☐ EXPLOSIVE
☐ SHOCK SENSITIVE ☐ PYROPHORIC ☐ POLYMERIZABLE
☐ RADIOACTIVE ☐ PESTICIDE, INSECTICIDE ☐ PATHOGEN
☐ CORROSIVE ☐ ETIOLOGICAL ☐ BIOLOGICAL
☐ DIOXINS OTHER

D.
Based on knowledge or analysis, provide an a value or value for TCLP concentrations or total concentrations in ppm.

INORGANIC CHARACTERISTICS		
D004	Arsenic	5.0
D005	Barium	100.0
D006	Cadmium	1.0
D007	Chromium	5.0
D008	Lead	5.0
D009	Mercury	0.2
D010	Selenium	1.0
D011	Silver	5.0
	Copper	100.0
	Zinc	500.0
ORGANIC CHARACTERISTICS		
D012	Endrin	0.02
D013	Lindane	0.4
D014	Methoxychlor	10.0
D015	Toxaphene	0.5
D016	2, 4-Dichlorophenoxyacetic Acid	10.0
D017	2, 4, 5,-TP (Silvex)	1.0
D018	Benzene	0.5
D019	Carbon Tetrachloride	0.5
D020	Chlordane	0.03
D021	Chlorobenzene	100.0
D022	Chloroform	6.0
D023	o-Cresol	200.0
D024	m-Cresol	200.0
D025	p-Cresol	200.0
D026	Cresol	200.0
D027	1, 4-Dichlorobenzene	7.5
D028	1, 2-Dichloroethane	0.5
D029	1, 1-Dichloroethylene	0.7
D030	2, 4-Dinitrotoluene	0.13
D031	Heptachlor (and it's epoxide)	0.008
D032	Hexachlorobenzene	0.13
D033	Hexachlorobutadiene	0.5
D034	Hexachloroethane	3.0
D035	Methyl Ethyl Ketone	200.0
D036	Nitrobenzene	2.0
D037	Pentachlorophenol	100.0
D038	Pyridine	5.0
D039	Tetrachloroethylene	0.7
D040	Trichloroethylene	0.5
D041	2, 4, 5-Trichlorophenol	400.0
D042	2, 4, 6-Trichlorophenol	2.0
D043	Vinyl Chloride	0.2

E. RCRA CHARACTERIZATION

1. Is this material a "Hazardous Waste" under 40CFR 261.3? ☐ Yes ☒ No
2. Is this a "Characteristic Waste"? ☐ Yes ☒ No
   If "Yes" is it: ☐ D001 Ignitable ☐ D002 Corrosive ☐ D003 Reactive
   ☐ D004 - D043 Toxic, give specific codes:
3. Is this an "F" or a "K" waste or mixed with one? ☐ Yes ☒ No
   If "Yes" give waste codes from 40CFR 261.31 and/or 261.32:
4. Is this a commercial chemical product or spill cleanup that would carry a "U" or "P" waste code under 40CFR 261.33 (e) or (f) ☐ Yes ☒ No
   If "Yes" give the waste code:
5. Is this a state regulated waste? ☐ Yes ☒ No
   If "Yes" give codes:

DOT CHARACTERIZATION

1. Is this a "Hazardous Substance/Marine Pollutant" as defined in 49CFR D.O.T.? ☐ Yes ☐ No
2. If "Yes" give the proper D.O.T. Shipping Description from 49CFR 172.101:
   NON-HAZ NON REGULATED UN/NA #:
3. Hazard Class: RQ Packaging Group:
4. Give the two primary hazardous constituents:

For Internal Use Only

Date Received

Date Approved

Treatment Method

PCI 1448

Company Name

Waste Common Name

Sample Collected By

Date Collected

GENERATOR CERTIFICATION

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability. No deliberate or willful omissions of composition or properties exist and that all known or suspected hazards have been disclosed.

I also certify that the obtained sample is representative of the waste material described above and give PCI permission and consent to make amendments and corrections.

NAME (Print) IRIS GORE TITLE AGENT

SIGNATURE DATE 7-18-97

PCI SIGNATURE PHONE

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Frank O'Bannon
Governor

John M. Hamilton
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Telephone 317-232-8603
Environmental Helpline 1-800-451-6027

Dear Facility:

As you may know, IC 13-22-12 requires the Indiana Department of Environmental Management (IDEM) to assess 1998 annual operation fees by January 15, 1998. These fees for your facility are due on February 15, 1998. Please note that payment of fees must be made by the due date, or a delinquency charge or other penalty under IC 13-22-12 may be imposed. You will find enclosed your 1998 annual operation permit assessment.

Your fees directly support the permitting programs at IDEM, enabling us to improve service to the regulated community in a variety of areas. For example, most of IDEM's permitting programs are now required to meet permit review time frames, guaranteeing a permit decision within a specific time period. We are always interested in your suggestions on how we can continue to improve permitting efficiency and effectiveness.

Enclosed is the "Access IDEM" brochure. This brochure is your guide to getting answers, assistance and environmental information. The Compliance and Technical Assistance Program also offers ombudsman services to businesses through the Office of Business Relations, to communities and citizens through the Office of Community Relations, and to the agricultural industry through IDEM's agricultural liason. These offices help promote better communication and cooperation with the regulated community.

If you have questions regarding your fee assessment, please contact Pat Beeler at (317) 233-0408.

Sincerely,

Bruce H Palin

Bruce H. Palin
Acting Assistant Commissioner
Office of Solid and Hazardous Waste Management

Enclosures

An Equal Opportunity Employer
Printed on Recycled Paper

State Form 47208 (12/97) Form Approved by State Board of Accounts, 1995

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

INVOICE

ANNUAL OPERATION FEE FOR HAZARDOUS WASTE FACILITIES AND GENERATORS

COUNTY: ELKHART

EPA ID NUMBER: IND005253513

FACILITY NAME: DYGERT SEATING INC

FACILITY LOCATION: 1010 EISENHOWER DR S
GOSHEN IN 46526

INVOICE#: 00005818

DATE: January 5, 1998

ACCT: 2830-412500-100800

HAZARDOUS WASTE ACTIVITY	EACH	QTY	AMOUNT
GENERATOR	$1,565.00	1	$1,565.00

ANNUAL OPERATION FEE: $1,565.00

10% DELINQUENCY CHARGE:

TOTAL ANNUAL OPERATION FEE DUE: **$1,565.00**

PAYMENT MUST BE POSTMARKED BY: February 15, 1998

PAYMENT AMOUNT ENCLOSED: _____

FACILITY CONTACT: _____

TELEPHONE: _____

Make check or money order payable to:

Indiana Department of Environmental Management

Please return this **invoice** with your **payment** to:

Indiana Department of Environmental Management
Controller's Department
Attention: Cashier
Indiana Government Center North
P.O. Box 7060
Indianapolis, IN 46206-7060

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Solid and Hazardous Waste

HAZARDOUS WASTE GENERATOR STATUS
CERTIFICATION FORM

IND005253513 **ELKHART County**

DYGERT SEATING INC
1010 EISENHOWER DR S PO BOX 847

GOSHEN IN 46526

If you have determined that you did not qualify as a Large Quantity Generator or as a TSD during 1997, you are ***NOT*** required to pay operation fees. ***HOWEVER,*** you will need to complete and return the Hazardous Waste Generator Certification form indicating your correct generator activity. You are considered a Large Quantity Generator if in **ANY** one month during 1997 you acted as an LQG. Please refer to the enclosed definitions in order to determine your correct generator category.

NOTE: *If your company is not an LQG, you must return this form* ***even if*** *you have already submitted a Hazardous Waste Handler Update form with your Hazardous Waste Biennial Report.*

1997 ACTIVITY

____ Large Quantity Generator
____ Small Quantity Generator
____ Conditionally Exempt Generator
____ * Non-handler of Hazardous Waste
____ * Out of Business

CURRENT ACTIVITY

____ Large Quantity Generator
____ Small Quantity Generator
____ Conditionally Exempt Generator
____ * Non-handler of Hazardous Waste
____ * Out of business

** If either of these categories is marked, your ID number will be deactivated and you will have to fill out a Notification of Regulated Waste Activity form (8700-12) and return it to IDEM before you can use the number again.*

COMMENTS: _____

_____

_____
Name and Official Title (type or print)

_____ _____
Signature Date signed

Send to: Ms. Pat Beeler
Office of Solid and Hazardous Waste N1154
Indiana Department of Environment Management
P.O. Box 6015
Indianapolis, Indiana 46206-6015

HAZARDOUS WASTE ACTIVITIES
*** DEFINITIONS ***

TREATMENT, STORAGE, DISPOSAL FACILITY (TSD)

You are a TSD if you:

- Treat, store more than 90 days, or dispose of RCRA hazardous waste on site in units subject to RCRA permitting requirements.

LARGE QUANTITY GENERATOR (LQG)

You are an LQG in a calendar month if the site:

- Generates in that month 1,000 kg (2,200 lbs) or more of RCRA hazardous waste; **OR**
- Generates during the month or accumulates at any time 1 kg (2.2 lbs) or more of acute RCRA hazardous waste; **OR**
- Generates during the month or accumulates at any time more than 100 kg (220 lbs) of spill cleanup material contaminated with RCRA acute hazardous waste.

SMALL QUANTITY GENERATOR (SQG)

You are an SQG in a calendar month if the site:

- Generates in that month more than 100 kg (220 lbs) but less than 1,000 kg (2,200 lbs) of hazardous waste, **AND**
- Generates less than 1 kg (2.2 lbs) of acute hazardous waste, or less than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste,

AND IF THE SITE

- Accumulates no more than 6,000 kg of hazardous waste and/or no more than 1 kg (2.2 lbs) of acute hazardous waste, and no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; and stores the waste in tanks or containers in a manner consistent with the regulatory provisions of 329 IAC 3.1;

OR, THE SITE IS AN SQG IF IT

- Meets all other criteria for a conditionally exempt SQG but accumulates 1,000 kg (2,200 lbs) or more of hazardous waste.

Typical small quantity generators include dry cleaners, equipment repair activities, and vehicle maintenance. Typical waste streams produced include solvents, acids, bases, reactives, plating wastes, and ignitable wastes.

CONDITIONALLY EXEMPT GENERATOR (CEG)

You are a CEG in a calendar month if the site:

- Generates no more than 100 kg (220 lbs) of hazardous waste in that month; **AND**
- Generates no more than 1 kg (2.2 lbs) of acute hazardous waste, in that month; and no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste;

AND IF THE SITE

- Accumulates no more than 1,000 kg (2,200 lbs) of hazardous waste, and no more than 1 kg (2.2 lbs) of acute hazardous waste, and no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute

hazardous waste; AND

- Treats or disposes of the hazardous waste in a manner consistent with the regulatory provisions of 329 IAC 3.1.

TRANSPORTER

You are a transporter if you transport hazardous waste.

MORE HELP

If you need further help in determining your generator status call 317-232-8941 and ask for a copy of the Small Quantity Generator handbook. Complete descriptions of regulated wastes as well as all applicable regulations can be found in the Indiana Hazardous Waste Regulations 329 IAC 3.1, available through the Legislative Services Agency, Office of Code Revision, 302 State House, Room 230, Indianapolis, Indiana 46204, 317/232-9856. Due to the adopt by reference format of the Indiana rules, you will also need to obtain a copy of the federal rules, 40 CFR Parts 260-299, from the U.S. Government Printing Office, Superintendent of Documents, Mail Stop: SSOP, Washington, DC 20402-9328. Copies of regulations may also be found in your local library.

1997 HAZARDOUS WASTE REPORT FORMS

READ ALL INSTRUCTIONS BEFORE COMPLETING THE FORMS

USE ONLY THE CODE LISTS IN THIS BOOKLET

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: _____

EPA ID NO: ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

U.S. ENVIRONMENTAL PROTECTION AGENCY

1997 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 11 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. I

A. Waste description (page 12)

B. EPA hazardous waste code (page 12) ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

C. State hazardous waste code (page 13) ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

D. SIC code (page 13) ___ ___ ___ ___

E. Origin code (page 13) ___ System Type [M] ___ ___ ___ ___

F. Source code (page 14) [A] ___ ___ ___

G. Point of measurement (p. 14) ___

H. Form code (page 14) [B] ___ ___ ___ ___

I. RCRA-radioactive mixed (page 14) ___

Sec. II

A. Quantity generated in 1997 (page 15) ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ . ___

B. UOM (page 15) ___
Density ___ ___ . ___ ___
☐ 1 lbs/gal ☐ 2 sg

C. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? (page 15)
☐ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☐ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type (page 16) [M] ___ ___ ___ ___

Quantity treated, disposed, or recycled on site in 1997 (page 16) ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ . ___

ON-SITE PROCESS SYSTEM 2

On-site process system type (page 16) [M] ___ ___ ___ ___

Quantity treated, disposed, or recycled on site in 1997 (page 16) ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ . ___

Sec. III

A. Was any of this waste shipped off site in 1997 for treatment, disposal, or recycling? (page 17)
☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility waste was shipped to (page 17)	C. System type shipped to (p. 17)	D. Off-site availability code (page 17)	E. Total quantity shipped in 1997 (page 17)
Site 1	___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___	[M] ___ ___ ___ ___	___	___ ___ ___ ___ ___ ___ ___ ___ ___ ___ . ___
Site 2	___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___	[M] ___ ___ ___ ___	___	___ ___ ___ ___ ___ ___ ___ ___ ___ ___ . ___
Site 3	___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___	[M] ___ ___ ___ ___	___	___ ___ ___ ___ ___ ___ ___ ___ ___ ___ . ___

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: _____

EPA ID NO: ___ ___ ___ ___

U.S. ENVIRONMENTAL PROTECTION AGENCY

1997 Hazardous Waste Report

FORM WR

WASTE RECEIVED FROM OFF SITE

Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Waste 1	A. Description of hazardous waste (page 19)	B. EPA hazardous waste code (page 20)	C. State hazardous waste code (page 20)

D. Off-site handler EPA ID number (page 20)	E. Quantity received in 1997 (page 20)	F. UOM (page 20)	Density
	.		. ☐ 1 lbs/gal ☐ 2 sg

G. Form code (page 21)	H. RCRA-radioactive mixed (page 21)	I. System type (page 21)
B		M

Waste 2	A. Description of hazardous waste (page 19)	B. EPA hazardous waste code (page 20)	C. State hazardous waste code (page 20)

D. Off-site handler EPA ID number (page 20) ☐ Check if same as in Waste 1	E. Quantity received in 1997 (page 20)	F. UOM (page 20)	Density
	.		. ☐ 1 lbs/gal ☐ 2 sg

G. Form code (page 21)	H. RCRA-radioactive mixed (page 21)	I. System type (page 21)
B		M

Waste 3	A. Description of hazardous waste (page 19)	B. EPA hazardous waste code (page 20)	C. State hazardous waste code (page 20)

D. Off-site handler EPA ID number (page 20) ☐ Check if same as in Waste 2	E. Quantity received in 1997 (page 20)	F. UOM (page 20)	Density
	.		. ☐ 1 lbs/gal ☐ 2 sg

G. Form code (page 21)	H. RCRA-radioactive mixed (page 21)	I. System type (page 21)
B		M

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: _____

EPA ID NO: ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

FORM OI

U.S. ENVIRONMENTAL PROTECTION AGENCY

1997 Hazardous Waste Report

OFF-SITE IDENTIFICATION

Instructions: Please read the detailed instructions on the reverse side before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

B. Name of off-site installation or transporter

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR facility

D. Address of off-site installation
Street _____
City _____ State ___ ___
Zip ___ ___ ___ ___ ___ - ___ ___ ___ ___

Site 2

A. EPA ID No. of off-site installation or transporter ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

B. Name of off-site installation or transporter

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR facility

D. Address of off-site installation
Street _____
City _____ State ___ ___
Zip ___ ___ ___ ___ ___ - ___ ___ ___ ___

Site 3

A. EPA ID No. of off-site installation or transporter ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

B. Name of off-site installation or transporter

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR facility

D. Address of off-site installation
Street _____
City _____ State ___ ___
Zip ___ ___ ___ ___ ___ - ___ ___ ___ ___

Site 4

A. EPA ID No. of off-site installation or transporter ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

B. Name of off-site installation or transporter

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR facility

D. Address of off-site installation
Street _____
City _____ State ___ ___
Zip ___ ___ ___ ___ ___ - ___ ___ ___ ___

Site 5

A. EPA ID No. of off-site installation or transporter ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

B. Name of off-site installation or transporter

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR facility

D. Address of off-site installation
Street _____
City _____ State ___ ___
Zip ___ ___ ___ ___ ___ - ___ ___ ___ ___

Comments:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Frank O'Bannon
Governor

John M. Hamilton
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Telephone 317-232-8603
Environmental Helpline 1-800-451-6027

December 1997

TO: Hazardous Waste Large Quantity Generators and Treatment, Storage, and Disposal Facilities

FROM: Bruce Palin, Acting Assistant Commissioner BJP
Office of Solid and Hazardous Waste Management

SUBJECT: 1997 Hazardous Waste Biennial Report

Indiana Rules 329 IAC 3.1-7-14, 329 IAC 3.1-9-1, and 329 IAC 3.1-10-1 require Large Quantity Generators and Treatment, Storage, and Disposal Facilities to submit a report every other year which describes their hazardous waste activities for the preceding year.

For the 1997 Biennial Report cycle, Indiana will be using state specific report forms. The report covering calendar year 1997 is due March 1, 1998. Installations required to submit a Biennial Report may be subject to penalties for failure to submit the required report by the March 1, 1998 deadline. Owners or operators of hazardous waste facilities subject to groundwater monitoring requirements must submit the required groundwater monitoring data with their Biennial Report.

For assistance in completing the Biennial Report you may call the EPA RCRA, Superfund & EPCRA Hotline at 1-800-424-9346. The help line is available from Monday through Friday from 9:00 a.m. until 6:00 p.m. (EST). You may also call any one of following staff in the Office of Solid and Hazardous Waste: Ms. Jenny Ranck Dooley at 317/232-8925, Ms. Marilyn Hansen at 317/232-7956, or Mr. Christopher Purtell at 317/233-2772.

Forms should be sent to: Ms. Jenny Ranck Dooley
Indiana Department of Environmental Management
Office of Solid and Hazardous Waste
100 N. Senate Avenue
P. O. Box 7035
Indianapolis, Indiana 46207-7035
(overnight delivery: 46204)

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE FILLING OUT ANY FORMS.

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INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Telephone 317-232-8603
Environmental Helpline 1-800-451-6027

December 1997

TO: Hazardous Waste Large Quantity Generators and Treatment, Storage, and Disposal Facilities

FROM: Jenny Ranck Dooley JRD
Office of Solid and Hazardous Waste Management

SUBJECT: 1997 Hazardous Waste Biennial Report - Electronic Submittals

Two options are available for electronic reporting for the 1997 Biennial Report cycle. The first option is to create flat files from existing data systems according to a standard format.

The second option is new this year. The Office of Solid and Hazardous Waste will be using the FingerPrint Biennial Report System by Environmental Management & Compliance Inc. This user friendly system allows a handler to enter their data into a PC using a windows environment, edit the data, and create flat files with just a menu choice. A number of required edit checks have already been built into the system, reducing the number of follow-up phone calls and letters required to correct errors. The reporter can also print the completed report forms.

System requirements to use FingerPrint BRS

	Minimum	Recommended
PC type	486DX/66	486DX/75
Operating system	Windows 3.1	Windows 95
RAM	4 Mb	8 Mb
Drive space	4 Mb	8 Mb

This is a very easy to use software package and we encourage BRS reporters to try it. The software is provided free of charge. IDEM has paid for a statewide license for our users. Reporters who wish to use either electronic reporting option should contact Ms. Jenny Ranck Dooley at 317/232-8925, Ms. Marilyn Hansen at 317/232-7956, or Mr. Christopher Purtell at 317/233-2772 to request instructions and/or diskettes.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
HAZARDOUS WASTE HANDLER INFORMATION UPDATE FORM

EPA ID IND005253513
NAME DYGERT SEATING INC

Change _____
Is the name change due to a change in ownership? ___ yes ___ no

LOCATION ADDRESS 1010 EISENHOWER DR S
GOSHEN IN 46526

Change _____
___ We moved ___ PO change ___ Other (please explain)

MAILING ADDRESS 1010 EISENHOWER DR S
GOSHEN IN 46526

Change _____

BIENNIAL REPORT CONTACT GREGG GASKILL
PO BOX 847
ELKHART IN 46515
Phone: 219-262-4675 **Fax:**

Change _____

OWNER DYGERT, DAVID
PO BOX 847
ELKHART IN 46515

Change _____

COUNTY ELKHART

* * * HAZARDOUS WASTE ACTIVITY * * *

	DEM	1997	Future
GENERATOR TYPE LQG, SQG, or CEG	LQG	_____	_____
TRANSPORTER TYPE S = we transport our own waste; C = we transport waste for others; X = transporter, status unknown		_____	_____
TSD TYPE (includes inactive TSDs who have not completed RCRA closure)		_____	_____
POST CLOSURE ACTIVITY		_____	_____
NON HANDLER *		_____	_____
OUT OF BUSINESS *		_____	_____
ONE TIME GENERATOR *		_____	_____

* If you have checked one of these categories, your EPA ID number will be deactivated and you will have to reapply for it if you ever need to manifest waste off site again.

SIC CODES 2531 3714

Change _____ _____ _____ _____ _____

COMMENTS _____

SIGNATURE _____

DATE _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

FORM GM

WASTE GENERATION & MANAGEMENT

COUNTY: Munster

SITE NAME: ABC Painting, Inc.

EPA ID NO: IXIDI9I1I0I8I4I8I7I3I7I

INSTRUCTIONS: Read the instructions in the 1997 Hazardous Waste Report booklet before completing this form.

SECTION I

A: Waste Description

B: Hazardous Waste Codes

Would you like assistance in reducing this hazardous waste stream? ☐ Yes ☐ No

C. SIC Code	D. Origin Code	E. Source Code	F. Point of Measurement	G. Form Code	H. RCRA-Radioactive Mixed
	[M]	[A]		[B]	

SECTION II

B. Quantity Generated in 1997	C. Unit of Measure /Density	D. Did the site treat, dispose, or recycle on site, or discharge to a sewer/POTW?
	☐ 1 lbs/gal ☐ 2 sq	☐ Yes (CONTINUE TO SYSTEM 1) ☐ No (SKIP TO SECTION III)

ON SITE PROCESS SYSTEM 1		*ON SITE PROCESS SYSTEM 2*	
System type	Quantity treated, disposed or recycled on site in 1997	System type	Quantity treated, disposed or recycled on site in 1997
[M]		[M]	

SECTION III

A: Was any of this waste shipped off site in 1997 YES ☐ (Go to Box B) NO ☐ (Go to Section IV)

	B: EPA ID of facility waste was shipped to:	C: System type shipped to:	D. Off-site availability Code	E. Total quantity shipped in 1997
Site 1	EFG789012678	[M]021	1	3250.0
Site 2		[M]		

SECTION IV

A: Did new activities in 1997 result in minimization of this waste? YES ☐ (Go to Box B) NO ☐ (Go to Back of Page)

B: Activity	C: Other effects	D: Quantity recycled in 1997	E. Activity/production index	F. 1997 Source reduction quantity
[W] [W] [W] [W]	☐ Yes ☐ No			

COMMENTS:

Over ☞

Page 1b of 1

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

FORM WR

WASTE RECEIVED FROM OFF-SITE

COUNTY: Mendenhall

SITE NAME: Waste Disposal, Inc.

EPA ID NO: AID 5 8 6 8 1 0 3 4 9

INSTRUCTIONS: Read the detailed instructions in the 1997 Hazardous Waste Report booklet before completing this form.

Waste 1

A. Description of Hazardous Waste	B. EPA Hazardous Waste Code	
Wastewater treatment sludge	F006	
C. Off-Site Source EPA ID number: CDD 9 8 7 6 5 4 3 2 1	D. Quantity received in 1997: 200	E. UOM: 2 / Density: ☐ 1 lbs/gal ☐ 2 sq
F. Waste Form Code: B502	G. RCRA-Radioactive Mixed: 2	H. System Type: M1111

Waste 2

A. Description of Hazardous Waste Instruction	B. EPA Hazardous Waste Code	
Wastewater treatment sludge	F006	
C. Off-Site Source EPA ID number: EFD 1 2 3 4 5 6 7 8 9	D. Quantity received in 1997: 100	E. UOM: 2 / Density: ☐ 1 lbs/gal ☐ 2 sq
F. Waste Form Code: B502	G. RCRA-Radioactive Mixed: 2	H. System Type: M1111

Waste 3

A. Description of Hazardous Waste Instruction	B. EPA Hazardous Waste Code	
C. Off-Site Source EPA ID number	D. Quantity received in 1997	E. UOM / Density: ☐ 1 lbs/gal ☐ 2 sq
F. Waste Form Code: B	G. RCRA-Radioactive Mixed	H. System Type: M

COMMENTS:

INDIANA

1997 HAZARDOUS WASTE REPORT

BIENNIAL REPORT FORMS

PLEASE READ ALL INSTRUCTIONS CAREFULLY
BEFORE COMPLETING THESE FORMS

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

FORM WR

WASTE RECEIVED FROM OFF-SITE

COUNTY _____

SITE NAME _____

EPA ID NO

INSTRUCTIONS: Read the detailed instructions in the 1997 Hazardous Waste Report booklet before completing this form.

Waste 1

A. Description of Hazardous Waste (p. 37)	B. EPA Hazardous Waste Code (p. 38)	
C. Off-Site Source EPA ID number (p. 38)	D. Quantity received in 1997 (p. 38)	E. UOM (p. 38) Density ☐ 1 lbs/gal ☐ 2 sq
F Waste Form Code (p. 39) B	G. RCRA-Radioactive Mixed (p. 39)	H. System Type (p. 39) M

Waste 2

A. Description of Hazardous Waste Instruction (p. 37)	B. EPA Hazardous Waste Code (p. 38)	
C. Off-Site Source EPA ID number (p. 38)	D. Quantity received in 1997 (p. 38)	E. UOM (p. 38) Density ☐ 1 lbs/gal ☐ 2 sq
F. Waste Form Code (p. 39) B	G. RCRA-Radioactive Mixed (p. 39)	H. System Type (p. 39) M

Waste 3

A. Description of Hazardous Waste Instruction (p. 37)	B. EPA Hazardous Waste Code (p. 38)	
C. Off-Site Source EPA ID number (p. 38)	D. Quantity received in 1997 (p. 38)	E. UOM (p. 38) Density ☐ 1 lbs/gal ☐ 2 sq
F. Waste Form Code (p. 39) B	G. RCRA-Radioactive Mixed (p. 39)	H. System Type (p. 39) M

COMMENTS: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

FORM OI

OFF-SITE IDENTIFICATION

COUNTY _____

SITE NAME _____

EPA ID NO

INSTRUCTIONS: Read the detailed instructions in the 1997 Hazardous Waste Report booklet before completing this form.

Site 1

A. EPA ID No. Of off-site installation or transporter	B. Name of off-site installation or transporter
C. Handler Type (CHECK ALL THAT APPLY) ☐ Generator ☐ Transporter ☐ TSDR	D. Address of Off-Site Installation or Transporter Street _____ City _____ State ___ Zip _____-____

Site 2

A. EPA ID No. Of off-site installation or transporter	B. Name of off-site installation or transporter
C. Handler Type (CHECK ALL THAT APPLY) ☐ Generator ☐ Transporter ☐ TSDR	D. Address of Off-Site Installation or Transporter Street _____ City _____ State ___ Zip _____-____

Site 3

A. EPA ID No. Of off-site installation or transporter	B. Name of off-site installation or transporter
C. Handler Type (CHECK ALL THAT APPLY) ☐ Generator ☐ Transporter ☐ TSDR	D. Address of Off-Site Installation or Transporter Street _____ City _____ State ___ Zip _____-____

Site 4

A. EPA ID No. Of off-site installation or transporter	B. Name of off-site installation or transporter
C. Handler Type (CHECK ALL THAT APPLY) ☐ Generator ☐ Transporter ☐ TSDR	D. Address of Off-Site Installation or Transporter Street _____ City _____ State ___ Zip _____-____

Site 5

A. EPA ID No. Of off-site installation or transporter	B. Name of off-site installation or transporter
C. Handler Type (CHECK ALL THAT APPLY) ☐ Generator ☐ Transporter ☐ TSDR	D. Address of Off-Site Installation or Transporter Street _____ City _____ State ___ Zip _____-____

COMMENTS:

_____

_____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

FORM UO

USED OIL ACTIVITIES

SITE NAME _____

COUNTY _____

EPA ID NO

INSTRUCTIONS: Read the instructions in the 1997 Hazardous Waste Report booklet before completing this form.

SECTION I

A. Quantity of used oil accepted for processing or re-refining in 1997 (p. 51)	Unit of Measure/ Density (p. 51)
	☐ 1 lbs/gal ☐ 2 sq

SECTION II

PROCESS #1

A. Name of specific process(es) used to process or re-refine used oil (pg. 51)

B. Description of process(es) used to process or re-refine used oil (pg. 51)

PROCESS #2

A. Name of specific process(es) used to process or re-refine used oil (pg. 51)

B. Description of process(es) used to process or re-refine used oil (pg. 51)

COMMENTS: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

CLOSURE COST ESTIMATES

SITE NAME _____

COUNTY _____

EPA ID NO

Treatment, Storage, and Disposal Facilities (TSD) are required by 329 IAC 3.1-9-1 and 3.1-10-1 to submit the most recent closure cost estimate under 329 IAC 3.1-14-3 and 329 IAC 3.1-15-3 and for disposal facilities, the most recent post closure cost estimate under 329 IAC 3.1-15-5. Please complete the items below and return along with your Hazardous Waste Biennial Report.

Cost Estimate for Facility Closure

___ ___ ___, ___ ___ ___, ___ ___ ___.00

Cost Estimate for Post Closure Monitoring and Maintenance

___ ___ ___, ___ ___ ___, ___ ___ ___.00

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

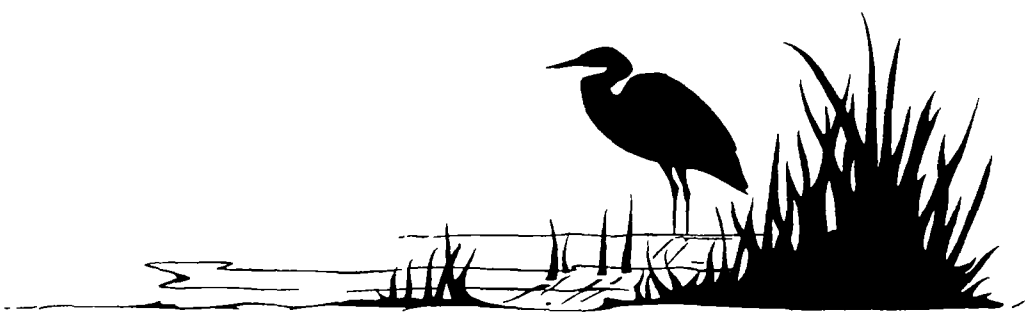
COUNTY _____

SITE NAME _____

EPA ID NO

GROUNDWATER MONITORING

Owners/operators of facilities subject to the groundwater monitoring requirements in 40 CFR 265.94 are required by 40 CFR 265.75 to submit the monitoring data required under 40 CFR 265.94(a) (2) (ii) and (b) (2) with their Biennial Report.



1997 INDIANA HAZARDOUS WASTE REPORT FORM SUBMITTAL CHECKLIST

LARGE QUANTITY GENERATORS SHOULD SUBMIT:

- ☐ FORM IC
- ☐ FORM GM
- ☐ FORM OI
- ☐ FORM PS (If applicable)
- ☐ HAZARDOUS WASTE HANDLER INFORMATION UPDATE FORM

TREATMENT, STORAGE & DISPOSAL FACILITYs SHOULD SUBMIT:

- ☐ FORM IC
- ☐ FORM GM *(If you are also a large quantity generator)*
- ☐ FORM WR
- ☐ FORM PS
- ☐ FORM OI
- ☐ HAZARDOUS WASTE HANDLER INFORMATION UPDATE FORM
- ☐ GROUNDWATER MONITORING *(If applicable)*
- ☐ CLOSURE/POST CLOSURE COST ESTIMATE

HAVE YOU:

- ☐ NUMBERED EVERY PAGE IN YOUR SUBMISSION CORRECTLY (SEE PAGE 5)?
- ☐ RIGHT JUSTIFIED ALL QUANTITY ENTRIES?
- ☐ SIGNED THE CERTIFICATION STATEMENT IN SECTION IV OF FORM IC?
- ☐ MADE A COPY OF THE COMPLETED FORMS TO RETAIN WITH YOUR RECORDS?

TRANSMISSION RESULT REPORT (JUL 17 '97 09:05AM)

I.S.E.S.

(AUTO)

THE FOLLOWING FILE(S) ERASED

FILE	FILE TYPE	OPTION	TEL NO.	PAGE	RESULT
100	MEMORY TX		13172323403	03/03	OK

ERRORS

1) HANG UP OR LINE FAIL 2) BUSY 3) NO ANSWER 4) NO FACSIMILE CONNECTION

ISES

Industrial Safety and Environmental Services

"We put you in compliance"

1415 Lincolnway West, Suite E. P.O. Box 233, Osceola, IN 46561 • Phone (219) 674-8357 • Fax (219) 674-6166 • ises@skynet.net

DATE: 7-17-97

TIME:

TO: Marilyn Hanson

FAX: 317-232-3403

FROM: Kathy Norris

Industrial Safety and Environmental Services

SUBJECT: Please notify me when an

ISES

Industrial Safety and Environmental Services

"We put you in compliance"

1415 Lincolnway West, Suite E, P.O. Box 233, Osceola, IN 46561 • Phone (219) 674-8357 • Fax (219) 674-6166 • ises@skynet.net

DATE: 7-17-97
TIME:

TO: Marilyn Hansen

FAX: 317-232-3403

FROM: Kathy Norris
Industrial Safety and Environmental Services

SUBJECT: Please notify me when an EPA ID# has been issued
Thank you
Kathy

Pages To Follow: 2

Please call (219) 674-8357 if there are any problems with this transmittal.

This facsimile is privileged and confidential and is intended only for the individual or entity named above and others who have been specifically authorized to receive it. If you are not the intended recipient you are hereby notified that any dissemination or copying of this communication is strictly prohibited.

Original Will Follow: ☐ No ☒ By Mail ☐ Via Federal Express

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

Form Approved. OMB No. 2050-0028 Expires 10/31/98
GSA No. 0246-EPA-OT

Refer to Section V. Instructions for Completing EPA Form 8700-12 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

EPA United States Environmental Protection Agency

Date Received (For Official Use Only)

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

[X] A. Initial Notification [ ] B. Subsequent Notification *(Complete Item C)*

C. Installation's EPA ID Number

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

Dygert Seating, Inc.

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

Street: 1010 Eisenhower

Street (Continued):

City or Town: Goshen State: In Zip Code: 46526 –

County Code: County Name: Elkhart

IV. Installation Mailing Address *(See instructions)*

Street or P.O. Box: Same

City or Town: State: Zip Code: –

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

Name (Last): Gaskill (First): Gregg

Job Title: Purchasing Dir Phone Number (Area Code and Number): 219 – 262 – 4675

VI. Installation Contact Address *(See instructions)*

A. Contact Address: Location [ ] Mailing [X]

B. Street or P.O. Box: PO Box 847

City or Town: Elkhart State: In Zip Code: 46515 –

VII. Ownership *(See instructions)*

A. Name of Installation's Legal Owner: David Dygert

Street, P.O. Box, or Route Number: PO Box 847

City or Town: Elkhart State: In Zip Code: 46515 –

Phone Number (Area Code and Number): 219 – 262 – 4675

B. Land Type: P

C. Owner Type: P

D. Change of Owner Indicator: Yes [ ] No [ ] (Date Changed) Month Day Year

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

Form Approved. OMB No. 2050-0028 Expires 10/31/99
GSA No. 0246-EPA-OT

ID - For Official Use Only

VIII. Type of Regulated Waste Activity *(Mark 'X' in the appropriate boxes. Refer to Instructions)*

A. Hazardous Waste Activity

1. Generator *(See Instructions)*
   - [X] a. Greater than 1000kg/mo (2,200 lbs.)
   - [ ] b. 100 to 1000 kg/mo (220-2,200 lbs.)
   - [ ] c. Less than 100 kg/mo (220 lbs)
2. Transporter (Indicate Mode in boxes 1-5 below)
   - [ ] a. For own waste only
   - [ ] b. For commercial purposes

   Mode of Transportation
   - [ ] 1. Air
   - [ ] 2. Rail
   - [ ] 3. Highway
   - [ ] 4. Water
   - [ ] 5. Other - specify
3. [ ] Treater, Storer, Disposer (at Installation) Note: A permit is required for this activity, see Instructions.
4. Hazardous Waste Fuel
   - [ ] a. Generator Marketing to Burner
   - [ ] b. Other Marketers
   - [ ] c. Boiler and/or Industrial Furnace
     - [ ] 1. Smelter Deferral
     - [ ] 2. Small Quantity Exemption

     Indicate Type of Combustion Device(s)
     - [ ] 1. Utility Boiler
     - [ ] 2. Industrial Boiler
     - [ ] 3. Industrial Furnace
5. [ ] Underground Injection Control

B. Used Oil Recycling Activities

1. Used Oil Recycling Marketer
   - [ ] a. Marketer Directs Shipment of Used Oil to Off-Specification Burner
   - [ ] b. Marketer Who First Claims the Used Oil Meets the Specifications
2. Used Oil Burner - Indicate Type(s) of Combustion Device
   - [ ] a. Utility Boiler
   - [ ] b. Industrial Boiler
   - [ ] c. Industrial Furnace
3. Used Oil Transporter - Indicate Type(s) of Combustion Device(s)
   - a. Transporter
   - b. Transfer Facility
4. Used Oil Processor/Re-refiner - Indicate Type(s) of Activity(ies)
   - [ ] a. Process
   - [ ] b. Re-refine

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)*

1. Ignitable (D001)	2. Corrosive (D002)	3. Reactive (D003)	4. Toxicity Characteristic	(List specific EPA hazardous waste number(s) for the Toxicity characteristic contaminant(s))
X				n a

B. Listed Hazardous Wastes. *(See 40 CFR 261.31 - 33; See instructions if you need to list more than 12 waste codes.)*

1	2	3	4	5	6
F003	F005	D001	F002		
7	8	9	10	11	12

C. Other Wastes. *(State or other wastes requiring a handler to have an I.D. number; See instructions.)*

1	2	3	4	5	6
n a					

X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature	Name and Official Title *(Type or print)*	Date Signed
[signature]	David Dygert/ owner	7-16-97

XI. Comments

Property owner is Innkeepers of Goshen Inc.. The building was leased by Dygert Seating Inc.

Note: Mail completed form to the appropriate EPA Regional or State Office. *(See Section III of the booklet for addresses.)*

TRANSMISSION RESULT REPORT (JUL 16 '97 01:32PM)

I.S.E.S.

(AUTO)

THE FOLLOWING FILE(S) ERASED

FILE	FILE TYPE	OPTION	TEL NO.	PAGE	RESULT
096	MEMORY TX		DYGERT	03/03	OK

ERRORS

1) HANG UP OR LINE FAIL 2) BUSY 3) NO ANSWER 4) NO FACSIMILE CONNECTION

ISES

Industrial Safety and Environmental Services

"We put you in compliance"

1415 Lincolnway West, Suite E, P.O. Box 233, Osceola, IN 46561 • Phone (219) 674-8357 • Fax (219) 674-6166 • ises@skynet.net

DATE: _____

TIME: _____

TO: _____

FAX: _____

FROM: _____

Industrial Safety and Environmental Services

SUBJECT:

ISES

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"We put you in compliance"

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DATE: _____

TIME: _____

TO: _____

FAX: _____

FROM: _____

Industrial Safety and Environmental Services

SUBJECT: _____

_____

_____

Pages To Follow: _____

Please call (219) 674-8357 if there are any problems with this transmittal.

This facsimile is privileged and confidential and is intended only for the individual or entity named above and others who have been specifically authorized to receive it. If you are not the intended recipient you are hereby notified that any dissemination or copying of this communication is strictly prohibited.

Original Will Follow: ☐ No ☐ By Mail ☐ Via Federal Express

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

Form Approved. OMB No. 2050-0028 Expires 10/31/99
GSA No. 0246 EPA OT

ID - For Official Use Only

VIII. Type of Regulated Waste Activity *(Mark 'X' in the appropriate boxes. Refer to Instructions)*

A. Hazardous Waste Activity

1. Generator (See Instructions)
   - [x] a. Greater than 1000kg/mo (2,200 lbs.)
   - [ ] b. 100 to 1000 kg/mo (220-2,200 lbs.)
   - [ ] c. Less than 100 kg/mo (220 lbs)
2. Transporter (Indicate Mode in boxes 1-5 below)
   - [ ] a. For own waste only
   - [ ] b. For commercial purposes

Mode of Transportation
- [ ] 1. Air
- [ ] 2. Rail
- [ ] 3. Highway
- [ ] 4. Water
- [ ] *5. Other - specify*

3. [ ] Treater, Storer, Disposer (at installation) Note: A permit is required for this activity, see instructions.
4. Hazardous Waste Fuel
   - [ ] a. Generator Marketing to Burner
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     - [ ] 1. Smelter Deferral
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   Indicate Type of Combustion Device(s)
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1. Used Oil Recycling Marketer
   - [ ] a. Marketer Directs Shipment of Used Oil to Off-Specification Burner
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x				n a			

B. Listed Hazardous Wastes. *(See 40 CFR 261.31 - 33; See instructions if you need to list more than 12 waste codes.)*

1	2	3	4	5	6
F003	F005	D001	F002		
7	**8**	**9**	**10**	**11**	**12**

C. Other Wastes. *(State or other wastes requiring a handler to have an I.D. number; See instructions.)*

1	2	3	4	5	6
n a					

X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature	Name and Official Title *(Type or print)*	Date Signed
	David Dygert/ owner	

XI. Comments

Property owner is Innkeepers of Goshen Inc.. The building was leased by Dygert Seating Inc.

Note: Mail completed form to the appropriate EPA Regional or State Office. *(See Section III of the booklet for addresses.)*

DS SALES, INC.

(formerly Dygert Seating, Inc.)
Debtor-In-Possession
53381 Marina Drive
Elkhart, IN 46515
219-262-4675

June 30, 1997

Mr. Tris O. Gour
I.S.E.S.
P. O. Box 233
1415 Lincolnway West, Suite E
Osceola, IN 46561

Dear Mr. Gour:

We have requested that you remove certain barrels from a premises we formerly leased in Goshen, Indiana. Before asking you to do so, we wanted to be sure that you understood our situation. There is presently not enough money in the Chapter 11 proceedings to pay all of the administrative expenses. It is anticipated that the company will convert the present Chapter 11 to a Chapter 7 proceeding and that the trustee in bankruptcy will pursue preference actions against certain of the creditors. We would anticipate, although we cannot guarantee, that there will be sufficient recoveries under the preference actions to pay the cost of collecting the preferences as well as money to pay the existing administrative claims. You must understand that there may not be enough money collected to pay all of the administrative expenses, including yours, and there may be an objection to your charges as an administrative expenses. With that understanding, we would like you to undertake the project as soon as possible.

Please call me if you have any questions.

Sincerely yours,

DS Sales, Inc.

By: _____
David Dygert

cc: Geoffrey K. Church, Esq.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Frank O'Bannon
Governor

John M. Hamilton
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Telephone 317-232-8603
Environmental Helpline 1-800-451-6027

Dear Notifier:

Enclosed is the booklet "Notification of Regulated Waste Activity." This booklet contains the form necessary to obtain a United States Environmental Protection Agency (U.S. EPA) Identification (ID) number required under Section 3010 of the Resource Conservation and Recovery Act (RCRA).

Please read the instructions carefully before you fill out the form. Take special note of the following items.

GENERATOR CATEGORY.
You must determine which generator classification is correct for your installation. Please note that if you check Box 1A "Generator Greater than 1000 kg/mo (2200 lbs)" you are a Large Quantity Generator and are subject to all applicable regulations under Subtitle C of RCRA including the Biennial Report. You are also subject to annual Generator fees under Indiana statute IC 13-22-12-3.

LOCATION CHANGES:
The U.S. EPA ID number is site-specific. If your installation changes locations, a new notification is required and you will receive a new ID number. Please note in the comments that the ID number for your old location needs to be deactivated.

OWNERSHIP CHANGES:
If your installation changes ownership, a subsequent notification must be filed before the new owner can use the ID number.

CHANGES IN HAZARDOUS WASTE ACTIVITY:
If your installation changes generator categories, stops handling hazardous waste, or goes out of business, you will need to notify the Indiana Department of Environmental Management (IDEM) in writing so that we can keep our records up to date.

ONE TIME DISPOSALS:
If the purpose of your notification is a one-time disposal for a clean-up, underground storage tank removal or any other one-time occurrence, please note "one-time disposal" in the comments section of the form under the signature box. When the disposal is complete and the ID number is no longer needed, you will need to notify IDEM in writing in order to deactivate the ID number.

If you notify IDEM that you no longer need the number, you may not use the number again until you submit a subsequent notification.

SIC CODES:
Attached is a listing of SIC Codes. Please indicate in the comments section under the signature box on the Notification of Regulated Waste Activity form which code(s) best describe your company's business activities.

If you have any questions regarding the notification form, please contact Ms. Marilyn Hansen at 317/232-7956. If you have questions regarding how to determine your waste streams or generator category, you may call Mr. Jim Hunt at 317/232-8857 or Mr. Bruce Kizer at 317/232-4537.

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INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1997 HAZARDOUS WASTE REPORT

FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

COUNTY _____

SITE NAME _____

EPA ID NO

INSTRUCTIONS: Read the detailed instructions in the 1997 Hazardous Waste Report booklet before completing this form.

SYSTEM 1

A: Waste treatment, disposal, or recycling system description (p.468)

B. System Type (p. 46)	C. Regulatory Status (p. 47)	D. Operational Status (p. 47)	E. Unit types (p. 48)
M			

F. Commercial Capacity Availability Code (p. 48)	G. Percent Capacity Commercially Available (p. 48)

COMMENTS:

SYSTEM 2

A: Waste treatment, disposal, or recycling system description (p.468)

B. System Type (p. 46)	C. Regulatory Status (p. 47)	D. Operational Status (p. 47)	E. Unit types (p. 48)
M			

F. Commercial Capacity Availability Code (p. 48)	G. Percent Capacity Commercially Available (p. 48)

COMMENTS.

PURPOSE OF THE 1997 HAZARDOUS WASTE REPORT

The U.S. Environmental Protection Agency's (EPA) mission to protect human health and the environment includes the responsibility to effectively manage, with the States, the nation's hazardous waste. As part of this task, EPA and the States collect and maintain information about the generation, management, and final disposition of the nation's hazardous waste regulated by the Resource Conservation and Recovery Act (RCRA).

EPA prepared this booklet for hazardous waste generators and facilities that treat, store, or dispose hazardous waste to report their hazardous waste activities for 1997. The information collected will:

- Provide EPA and the States with an understanding of hazardous waste generation and management in the United States;
- Help measure the quality of the environment; and
- Be summarized and communicated to the public, primarily through the 1997 National Biennial RCRA Hazardous Waste Report.

The data you provide will be entered into a computer database by the State or EPA Regional office to which you return your Hazardous Waste Report. After review to ensure the quality of the data, a national database will be assembled. Your efforts in carefully filling out the required forms are appreciated.

IMPORTANT

Before completing the 1997 Hazardous Waste Report forms, please carefully read the instructions in this booklet. Several changes to the instructions and forms have been made for the 1997 Hazardous Waste Report cycle. Please see page 2 for a discussion of these changes.

IF YOU NEED ASSISTANCE

To obtain assistance in filling out the 1997 Hazardous Waste Report forms, please call the EPA RCRA, Superfund & EPCRA Hotline at 1-800-424-9346 (703-412-9810 in the Washington, D.C., metropolitan area). The Hotline operates Monday through Friday from 9:00 a.m. to 6:00 p.m. (Eastern Standard Time), and is closed on Federal holidays.

In addition to calling the Hotline, you may want to contact your State or Regional office. Some States' reporting requirements differ from the Federal requirements. See pages 77 through 81 for State and Regional office addresses, contact names, and telephone numbers.