

Biennial Report Module Introduction

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).

The authority for the 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.

The Biennial Report Flat Files consist of a collection of tables which correspond to the flat files used by the flat file load utility to load new data into the module. The table names correspond to the flat files in their naming scheme. For example, data in flat files S1, S2 and S3 are all stored in the table "BS123_FORM_IC_PART1," and data from Form GM that is stored in the G1 flat file is stored in the database in table "BG1_FORM_GM_BASIC_INFORMATION."

Much of the Biennial Report data (G and R data) is repackaged into a single table for ease of use. The table is called "BWASTE_INFORMATION." This table also includes several calculated fields to further simplify use of the data, plus it has each waste quantity normalized in units of tons.

The Biennial Report Flat Files are used to provide access to the data used in the Hazardous Waste Report. This includes data collected using the following forms: Form IC, Form GM, Form WR, and the postcard. These forms are described and included in the *Hazardous Waste Report, Forms and Instructions* booklet.

Note: Although Form OI is required by some States, its data is not included in the RCRAInfo database.

Changes to the Flat Files

The BR flat files include the following enhancements:

- a. 1989 data is included
- b. All cycles are consolidated into one set of flat files
- c. The flat files have been screened to remove nondisplayable characters (anything less than an ASCII decimal 32 (also written in Hex as 0x20) or greater than ASCII decimal 126 (Hex 0x7E)) was converted to an ASCII decimal 32 (Hex 0x20) which is the space character.
- d. The records in the flat file are sorted according to the key fields.

Form IC

Form IC identifies large quantity generators (LQGs) and treatment, storage, and disposal (TSD) facilities engaging in hazardous waste generation and management activities during 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 the site is a generator, a TSD facility, or both.

All sites required to file the Hazardous Waste Report must submit Form IC. If no Form IC exists for a facility, then the facility did not submit a Hazardous Waste Report and consequently has no hazardous waste data in the Biennial Report Module (no Form GM/Form WR data).

Form GM

Form GM summarizes on-site RCRA hazardous waste generation and management. 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.

A site required to file the Hazardous Waste Report must submit Form GM if, during the reporting year, 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. One GM form must be submitted for each hazardous wastewater managed on-site and ultimately discharged under one of the following conditions:

1. 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
2. With or without pretreatment to a publicly owned treatment works (POTW), in accordance with 307(b) of the Clean Water Act; or
3. With or without prior treatment to an underground injection well, in accordance with a permit issued pursuant to the Safe Drinking Water Act.

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

1. Generated on-site and subsequently managed on-site or shipped off-site in the reporting year;
2. Generated on-site in the reporting year but not managed on-site or shipped off-site until after the reporting year; or
3. Generated on-site prior to the reporting year but either managed on-site or shipped off-site in the reporting year.

RCRA hazardous wastes to be reported include those that were:

1. Generated on-site from a production process, service activity, or routine cleanup;
2. Resulted from equipment decommissioning, spill cleanup, or remedial cleanup activity;

3. 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;
4. Derived from the management of non-hazardous waste; or
5. 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 the State in which the site is located (if required by the State).

Form WR

Form WR identifies hazardous wastes that were received from other hazardous waste handlers and the method(s) used to manage them. Form WR collects information on the quantities and characteristics of each hazardous waste received from an off-site source during the reporting year and managed on-site. Up to three waste receipts may be reported on each WR Form.

A site required to file the Hazardous Waste Report must submit Form WR if, during the reporting year, it received RCRA hazardous waste from off-site and managed the waste on-site.

Postcard

The postcard is a mechanism for sites to indicate that they do not need to file a Hazardous Waste Report. All facilities which were required to file a Hazardous Waste Report in the previous reporting cycle are required to file either a Hazardous Waste Report or a postcard. (A new site is never required to file a postcard.)

If the site is not required to file a Hazardous Waste Report for the reporting year, the postcard indicates why and whether the site will need to file in a later reporting year. The postcard is how a site notifies EPA that it is exempt from filing a report for the current reporting cycle year or is no longer required to file, due to a change in its filing status (no longer qualifies as a LQG or TSD).

FTP and Technical Documentation

FTP Instructions

Files are located on the EPA FTP website (<ftp.epa.gov>). They can be FTPed directly using the following information:

1. **Host name:** ftp.epa.gov
2. **User ID:** anonymous
3. **Password:** your email address
4. **Subdirectory:** /rcrainfodata/brfiles

Flat File Information

| File Name | Content | Size Zipped (kbytes) | Size Unzipped (bytes) | Number of Records | Reporting Cycles |
|-----------|------------|----------------------|-----------------------|-------------------|------------------|
| usog1.zip | G1 | 17,805 | 131,744,050 | 1,549,930 | 1989 - 1999 |
| usog2.zip | G2 | 2,590 | 22,232,260 | 653,890 | 1999 |
| usog3.zip | G3 | 199 | 1,630,096 | 47,944 | 1999 |
| usog5.zip | G5 | 2,959 | 22,249,344 | 285,248 | 1999 |
| usog6.zip | G6 | 178 | 941,685 | 14,055 | 1999 |
| usog7.zip | G7 | 4,421 | 31,598,400 | 363,200 | 1999 |
| usog8.zip | G8 | 1,249 | 7,661,568 | 88,064 | 1999 |
| usor1.zip | R1 | 47,665 | 383,801,100 | 4,397,547 | 1989 - 1999 |
| usor2.zip | R2 | 8,560 | 84,131,708 | 2,474,462 | 1999 |
| usor3.zip | R3 | 548 | 5,960,404 | 175,306 | 1999 |
| usor4.zip | R4 | 5,330 | 79,355,832 | 912,136 | 1999 |
| usor5.zip | R5 | 341 | 4,876,698 | 56,054 | 1999 |
| usos1.zip | S1, S2, S3 | 10,924 | 62,598,151 | 136,678 | 1989 - 1999 |
| usos5.zip | S5 | 117 | 531,520 | 6,644 | 1999 |

Flat File Specification

USOS1 - BS123_FORM_IC_PART1

Primary Key for BS123_FORM_IC_PART1:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-----------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |

Data Elements for BS123_FORM_IC_PART1:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|------------------------------------------------|-------------------|------|
| 3 | 17 | Waste State | Alphanumeric | 2 |
| 4 | 19 | Waste Region | Alphanumeric | 2 |
| 5 | 21 | Site/Company Name | Alphanumeric | 40 |
| 6 | 61 | State Identification Number | Alphanumeric | 12 |
| 7 | 73 | HW Report Exemption Status | Alphanumeric | 1 |
| 8 | 74 | County Code | Alphanumeric | 5 |
| 9 | 79 | Location Street 1 | Alphanumeric | 30 |
| 10 | 109 | Location Street 2 | Alphanumeric | 30 |
| 11 | 139 | Location City | Alphanumeric | 25 |
| 12 | 164 | Location County | Alphanumeric | 27 |
| 13 | 191 | Location Zip Code | Alphanumeric | 9 |
| 14 | 200 | Mailing Street 1 | Alphanumeric | 30 |
| 15 | 230 | Mailing Street 2 | Alphanumeric | 30 |
| 16 | 260 | Mailing City | Alphanumeric | 25 |
| 17 | 285 | Mailing Zip Code | Alphanumeric | 9 |
| 18 | 294 | Certification Last Name | Alphanumeric | 15 |
| 19 | 309 | Certification First Name | Alphanumeric | 15 |
| 20 | 324 | Certification Title | Alphanumeric | 15 |
| 21 | 339 | Certification Signature Date | Date: YYYYMMDD | 8 |
| 22 | 347 | Contact Last Name | Alphanumeric | 15 |
| 23 | 362 | Contact First Name | Alphanumeric | 15 |
| 24 | 377 | Contact Title | Alphanumeric | 15 |
| 25 | 392 | Contact Phone Number | Alphanumeric | 10 |
| 26 | 402 | Contact Phone Number Extension | Alphanumeric | 4 |

| | | | | |
|----|-----|------------------------------------------------------------|--------------|---|
| 27 | 406 | Reason for Not Generating 1 | Alphanumeric | 1 |
| 28 | 407 | Reason for Not Generating 2 | Alphanumeric | 1 |
| 29 | 408 | Reason for Not Generating 3 | Alphanumeric | 1 |
| 30 | 409 | Reason for Not Generating 4 | Alphanumeric | 1 |
| 31 | 410 | Reason for Not Generating 5 | Alphanumeric | 1 |
| 32 | 411 | Reason for Not Generating 6 | Alphanumeric | 1 |
| 33 | 412 | Reason for Not Generating 7 | Alphanumeric | 1 |
| 34 | 413 | Source Reduction Activity | Alphanumeric | 1 |
| 35 | 414 | Recycling Activity | Alphanumeric | 1 |
| 36 | 415 | Opportunity Assessment | Alphanumeric | 1 |
| 37 | 416 | Source Reduction Limitation 1 | Alphanumeric | 1 |
| 38 | 417 | Source Reduction Limitation 2 | Alphanumeric | 1 |
| 39 | 418 | Source Reduction Limitation 3 | Alphanumeric | 1 |
| 40 | 419 | Source Reduction Limitation 4 | Alphanumeric | 1 |
| 41 | 420 | Source Reduction Limitation 5 | Alphanumeric | 1 |
| 42 | 421 | Source Reduction Limitation 6 | Alphanumeric | 1 |
| 43 | 422 | Source Reduction Limitation 7 | Alphanumeric | 1 |
| 44 | 423 | Source Reduction Limitation 8 | Alphanumeric | 1 |
| 45 | 424 | Source Reduction Limitation 9 | Alphanumeric | 1 |
| 46 | 425 | Source Reduction Limitation 10 | Alphanumeric | 1 |
| 47 | 426 | Recycling Limitations 1 | Alphanumeric | 1 |
| 48 | 427 | Recycling Limitations 2 | Alphanumeric | 1 |
| 49 | 428 | Recycling Limitations 3 | Alphanumeric | 1 |
| 50 | 429 | Recycling Limitations 4 | Alphanumeric | 1 |
| 51 | 430 | Recycling Limitations 5 | Alphanumeric | 1 |
| 52 | 431 | Recycling Limitations 6 | Alphanumeric | 1 |
| 53 | 432 | Recycling Limitations 7 | Alphanumeric | 1 |
| 54 | 433 | Recycling Limitations 8 | Alphanumeric | 1 |
| 55 | 434 | Recycling Limitations 9 | Alphanumeric | 1 |
| 56 | 435 | Recycling Limitations 10 | Alphanumeric | 1 |
| 57 | 436 | Recycling Limitations 11 | Alphanumeric | 1 |
| 58 | 437 | Recycling Limitations 12 | Alphanumeric | 1 |
| 59 | 438 | Recycling Limitations 13 | Alphanumeric | 1 |
| 60 | 439 | Recycling Limitations 14 | Alphanumeric | 1 |
| 61 | 440 | Recycling Limitations 15 | Alphanumeric | 1 |
| 62 | 441 | Generator Status Owner | Alphanumeric | 2 |
| 63 | 443 | Generator Status | Alphanumeric | 1 |
| 64 | 444 | On-Site Waste Management Status RCRA T/R/D | Alphanumeric | 1 |
| 65 | 445 | Management Status Owner | Alphanumeric | 2 |
| 66 | 447 | On-Site Waste Management Status Storage | Alphanumeric | 1 |

| | | | | |
|----|-----|------------------------------------------------------------|--------------|---|
| 67 | 448 | Storage Status Owner | Alphanumeric | 2 |
| 68 | 450 | Location State | Alphanumeric | 2 |
| 69 | 452 | Mailing State | Alphanumeric | 2 |
| 70 | 454 | On-Site Waste Management Status RCRA T/R/D | Alphanumeric | 1 |
| 71 | 455 | Management Status Owner | Alphanumeric | 2 |

USOS5 - BS5_FORM_IC_COMMENTS

Primary Key for BS5_FORM_IC_COMMENTS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-----------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Comment Sequence Number | Integer | 2 |

Data Elements for BS5_FORM_IC_COMMENTS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-------------------------------|--------------|------|
| 4 | 19 | Comments - IC | Alphanumeric | 60 |

USOG1 - BG1_FORM_GM_BASIC_INFORMATION

Primary Key for BG1_FORM_GM_BASIC_INFORMATION:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |

Data Elements for BG1_FORM_GM_BASIC_INFORMATION:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|----------------------------------------|--------------|---------|
| 5 | 24 | Waste Form Code | Alphanumeric | 4 |
| 6 | 28 | Waste Quantity Density | Numeric | 5 (2.2) |

| | | | | |
|----|----|---------------------------------------------------------|--------------|--------------|
| 7 | 33 | Waste Quantity Density Unit of Measure | Alphanumeric | 1 |
| 8 | 34 | Waste Origin | Alphanumeric | 1 |
| 9 | 35 | Origin System Type | Alphanumeric | 4 |
| 10 | 39 | On-Site Handling | Alphanumeric | 1 |
| 11 | 40 | Off-Site Handling | Alphanumeric | 1 |
| 12 | 41 | Point of Measure | Alphanumeric | 1 |
| 13 | 42 | RCRA-Radioactive Mixed | Alphanumeric | 1 |
| 14 | 43 | Waste Description SIC Code | Alphanumeric | 4 |
| 15 | 47 | Waste Description Source Code | Alphanumeric | 3 |
| 16 | 50 | Quantity Generated Current Year | Numeric | 13 (10.2) |
| 17 | 63 | Quantity Generated Current Year in Tons | Numeric | 18 (9.8) |
| 18 | 81 | Unit of Measure Owner | Alphanumeric | 2 |
| 19 | 83 | Waste Quantity Unit of Measure | Alphanumeric | 1 |

USOG2 - BG2_FORM_GM_EPA_WASTE_CODES

Primary Key for BG2_FORM_GM_EPA_WASTE_CODES:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|----------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | EPA Hazardous Waste Code Sequence Number | Integer | 3 |

Data Elements for BG2_FORM_GM_EPA_WASTE_CODES:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|------------------------------------------------|--------------|------|
| 6 | 29 | EPA Hazardous Waste Code Owner | Alphanumeric | 2 |
| 7 | 31 | EPA Hazardous Waste Code | Alphanumeric | 4 |

USOG3 - BG3_FORM_GM_STATE_WASTE_CODES

Primary Key for BG3_FORM_GM_STATE_WASTE_CODES:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | State Waste Code Sequence Number | Integer | 3 |

Data Elements for BG3_FORM_GM_STATE_WASTE_CODES:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|----------------------------------|--------------|------|
| 6 | 27 | State Waste Code | Alphanumeric | 6 |

USOG5 - BG5_FORM_GM_OFFSITE_SHIPMENTS

Primary Key for BG5_FORM_GM_OFFSITE_SHIPMENTS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | Shipped Out Page Number GM Form | Integer | 5 |

Data Elements for BG5_FORM_GM_OFFSITE_SHIPMENTS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-------------------------------------------------------|--------------|--------------|
| 6 | 29 | TDR System Type | Alphanumeric | 4 |
| 7 | 33 | TDR Identification Number | Alphanumeric | 12 |
| 8 | 45 | TDR Quantity | Numeric | 13 (10.2) |
| 9 | 58 | Quantity Shipped Current Year in Tons | Numeric | 18 (9.8) |
| 10 | 76 | Off-Site Availability | Alphanumeric | 1 |

USOG6 - BG6_FORM_GM_ONSITE_TREATMENT

Primary Key for BG6_FORM_GM_ONSITE_TREATMENT:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | System Type Page Number | Integer | 5 |

Data Elements for BG6_FORM_GM_ONSITE_TREATMENT:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-----------------------------------------------------------|--------------|--------------|
| 6 | 29 | Quantity of Waste Managed On-Site | Numeric | 13 (10.2) |
| 7 | 42 | Quantity of Waste Managed On-Site in Tons | Numeric | 18 (9.8) |
| 8 | 60 | System Type Owner | Alphanumeric | 2 |
| 9 | 62 | System Type For Waste Managed On-Site | Alphanumeric | 4 |

USOG7 - BG7_FORM_GM_WASTE_DESCRIPTIONS

Primary Key for BG7_FORM_GM_WASTE_DESCRIPTIONS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | Waste Description Sequence Number | Integer | 2 |

Data Elements for BG7_FORM_GM_WASTE_DESCRIPTIONS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-----------------------------------------------|--------------|------|
| 6 | 26 | Waste Description - Narrative | Alphanumeric | 60 |

USOG8 - BG8_FORM_GM_COMMENTS

Primary Key for BG8_FORM_GM_COMMENTS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | Comment Sequence Number | Integer | 2 |

Data Elements for BG8_FORM_GM_COMMENTS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-------------------------------|--------------|------|
| 6 | 26 | Comments - GM | Alphanumeric | 60 |

USOR1 - BR1_BASIC_FORM_WR_INFO

Primary Key for BR1_BASIC_FORM_WR_INFO:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |

Data Elements for BR1_BASIC_FORM_WR_INFO:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|--------------------------------------------------------|--------------|--------------|
| 5 | 24 | Waste Form Code | Alphanumeric | 4 |
| 6 | 28 | Waste Quantity Density | Numeric | 5 (2.2) |
| 7 | 33 | Waste Quantity Density Unit of Measure | Alphanumeric | 1 |
| 8 | 34 | RCRA-Radioactive Mixed | Alphanumeric | 1 |
| 9 | 35 | TDR Identification Number | Alphanumeric | 12 |
| 10 | 47 | TDR Quantity | Numeric | 13 (10.2) |
| 11 | 60 | TDR Quantity in Tons | Numeric | 18 (9.8) |
| 12 | 78 | System Type Owner | Alphanumeric | 2 |

| | | | | |
|----|----|------------------------------------------------|--------------|---|
| 13 | 80 | System Type Code | Alphanumeric | 4 |
| 14 | 84 | Unit of Measure Owner | Alphanumeric | 2 |
| 15 | 86 | Waste Quantity Unit of Measure | Alphanumeric | 1 |

USOR2 - BR2_FORM_WR_EPA_WASTE_CODES

Primary Key for BR2_FORM_WR_EPA_WASTE_CODES:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|----------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | EPA Hazardous Waste Code Sequence Number | Integer | 3 |

Data Elements for BR2_FORM_WR_EPA_WASTE_CODES:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|------------------------------------------------|--------------|------|
| 6 | 27 | EPA Hazardous Waste Code Owner | Alphanumeric | 4 |
| 7 | 31 | EPA Hazardous Waste Code | Alphanumeric | 2 |

USOR3 - BR3_FORM_WR_STATE_WASTE_CODES

Primary Key for BR3_FORM_WR_STATE_WASTE_CODES:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | State Waste Code Sequence Number | Integer | 3 |

Data Elements for BR3_FORM_WR_STATE_WASTE_CODES:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|----------------------------------|--------------|------|
| 6 | 27 | State Waste Code | Alphanumeric | 6 |

USOR4 - BR4_FORM_WR_WASTE_DESCRIPTION

Primary Key for BR4_FORM_WR_WASTE_DESCRIPTION:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | Waste Description Sequence Number | Integer | 2 |

Data Elements for BR4_FORM_WR_WASTE_DESCRIPTION:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-----------------------------------------------|--------------|------|
| 6 | 26 | Waste Description - Narrative | Alphanumeric | 60 |

USOR5 - BR5_FORM_WR_COMMENTS

Primary Key for BR5_FORM_WR_COMMENTS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | Comment Sequence Number | Integer | 2 |

Data Elements for BR5_FORM_WR_COMMENTS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-------------------------------|--------------|------|
| 6 | 26 | Comments - WR | Alphanumeric | 60 |

USOS1 - BS123_FORM_IC_PART1

Primary Key for BS123_FORM_IC_PART1:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-----------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |

Data Elements for BS123_FORM_IC_PART1:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|------------------------------------------------|-------------------|------|
| 3 | 17 | Waste State | Alphanumeric | 2 |
| 4 | 19 | Waste Region | Alphanumeric | 2 |
| 5 | 21 | Site/Company Name | Alphanumeric | 40 |
| 6 | 61 | State Identification Number | Alphanumeric | 12 |
| 7 | 73 | HW Report Exemption Status | Alphanumeric | 1 |
| 8 | 74 | County Code | Alphanumeric | 5 |
| 9 | 79 | Location Street 1 | Alphanumeric | 30 |
| 10 | 109 | Location Street 2 | Alphanumeric | 30 |
| 11 | 139 | Location City | Alphanumeric | 25 |
| 12 | 164 | Location County | Alphanumeric | 27 |
| 13 | 191 | Location Zip Code | Alphanumeric | 9 |
| 14 | 200 | Mailing Street 1 | Alphanumeric | 30 |
| 15 | 230 | Mailing Street 2 | Alphanumeric | 30 |
| 16 | 260 | Mailing City | Alphanumeric | 25 |
| 17 | 285 | Mailing Zip Code | Alphanumeric | 9 |
| 18 | 294 | Certification Last Name | Alphanumeric | 15 |
| 19 | 309 | Certification First Name | Alphanumeric | 15 |
| 20 | 324 | Certification Title | Alphanumeric | 15 |
| 21 | 339 | Certification Signature Date | Date: YYYYMMDD | 8 |
| 22 | 347 | Contact Last Name | Alphanumeric | 15 |
| 23 | 362 | Contact First Name | Alphanumeric | 15 |
| 24 | 377 | Contact Title | Alphanumeric | 15 |
| 25 | 392 | Contact Phone Number | Alphanumeric | 10 |
| 26 | 402 | Contact Phone Number Extension | Alphanumeric | 4 |
| 27 | 406 | Reason for Not Generating 1 | Alphanumeric | 1 |

| | | | | |
|----|-----|------------------------------------------------------------|--------------|---|
| 28 | 407 | Reason for Not Generating 2 | Alphanumeric | 1 |
| 29 | 408 | Reason for Not Generating 3 | Alphanumeric | 1 |
| 30 | 409 | Reason for Not Generating 4 | Alphanumeric | 1 |
| 31 | 410 | Reason for Not Generating 5 | Alphanumeric | 1 |
| 32 | 411 | Reason for Not Generating 6 | Alphanumeric | 1 |
| 33 | 412 | Reason for Not Generating 7 | Alphanumeric | 1 |
| 34 | 413 | Source Reduction Activity | Alphanumeric | 1 |
| 35 | 414 | Recycling Activity | Alphanumeric | 1 |
| 36 | 415 | Opportunity Assessment | Alphanumeric | 1 |
| 37 | 416 | Source Reduction Limitation 1 | Alphanumeric | 1 |
| 38 | 417 | Source Reduction Limitation 2 | Alphanumeric | 1 |
| 39 | 418 | Source Reduction Limitation 3 | Alphanumeric | 1 |
| 40 | 419 | Source Reduction Limitation 4 | Alphanumeric | 1 |
| 41 | 420 | Source Reduction Limitation 5 | Alphanumeric | 1 |
| 42 | 421 | Source Reduction Limitation 6 | Alphanumeric | 1 |
| 43 | 422 | Source Reduction Limitation 7 | Alphanumeric | 1 |
| 44 | 423 | Source Reduction Limitation 8 | Alphanumeric | 1 |
| 45 | 424 | Source Reduction Limitation 9 | Alphanumeric | 1 |
| 46 | 425 | Source Reduction Limitation 10 | Alphanumeric | 1 |
| 47 | 426 | Recycling Limitations 1 | Alphanumeric | 1 |
| 48 | 427 | Recycling Limitations 2 | Alphanumeric | 1 |
| 49 | 428 | Recycling Limitations 3 | Alphanumeric | 1 |
| 50 | 429 | Recycling Limitations 4 | Alphanumeric | 1 |
| 51 | 430 | Recycling Limitations 5 | Alphanumeric | 1 |
| 52 | 431 | Recycling Limitations 6 | Alphanumeric | 1 |
| 53 | 432 | Recycling Limitations 7 | Alphanumeric | 1 |
| 54 | 433 | Recycling Limitations 8 | Alphanumeric | 1 |
| 55 | 434 | Recycling Limitations 9 | Alphanumeric | 1 |
| 56 | 435 | Recycling Limitations 10 | Alphanumeric | 1 |
| 57 | 436 | Recycling Limitations 11 | Alphanumeric | 1 |
| 58 | 437 | Recycling Limitations 12 | Alphanumeric | 1 |
| 59 | 438 | Recycling Limitations 13 | Alphanumeric | 1 |
| 60 | 439 | Recycling Limitations 14 | Alphanumeric | 1 |
| 61 | 440 | Recycling Limitations 15 | Alphanumeric | 1 |
| 62 | 441 | Generator Status Owner | Alphanumeric | 2 |
| 63 | 443 | Generator Status | Alphanumeric | 1 |
| 64 | 444 | On-Site Waste Management Status RCRA T/R/D | Alphanumeric | 1 |
| 65 | 445 | Management Status Owner | Alphanumeric | 2 |
| 66 | 447 | On-Site Waste Management Status Storage | Alphanumeric | 1 |
| 67 | 448 | Storage Status Owner | Alphanumeric | 2 |

| | | | | |
|----|-----|----------------------------------------------------------------|--------------|---|
| 68 | 450 | Location State | Alphanumeric | 2 |
| 69 | 452 | Mailing State | Alphanumeric | 2 |
| 70 | 454 | On-Site Waste Management Status RCRA T/R/D | Alphanumeric | 1 |
| 71 | 455 | Management Status Owner | Alphanumeric | 2 |

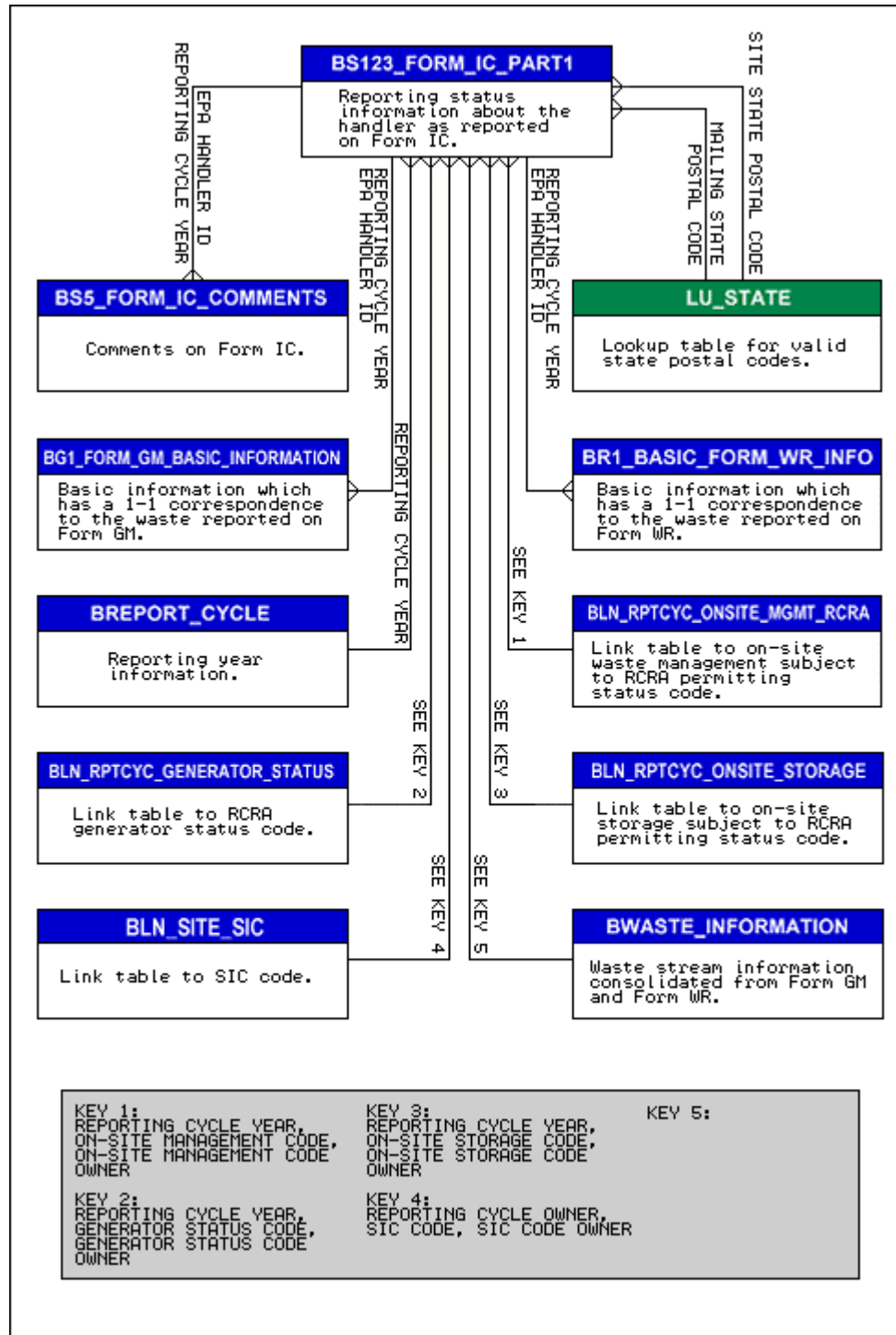
Relationships

Sometimes IS_DESCRIBED_BY One or More [BS5_FORM_IC_COMMENTS](#)

Sometimes IS_DESCRIBED_BY One or More [BG1_FORM_GM_BASIC_INFORMATION](#)

Sometimes IS_DESCRIBED_BY One or More [BR1_BASIC_FORM_WR_INFO](#)

Entity Relationship Diagram



Reporting Cycle Year

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|----------------------------------------|
| <u>Data Element Name:</u> | Reporting Cycle Year |
| <u>Description:</u> | The year for which data was collected. |
| <u>Format:</u> | NUMBER(4) |
| <u>Allowed Values:</u> | Valid four-digit year |

Handler Identification Number

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Handler Identification Number |
| <u>Description:</u> | Number assigned by EPA that uniquely identifies the site. If the site is regulated under federal RCRA requirements, this ID number must be the EPA Identification Number. If the site is not regulated under the federal program, state or other ID number should be entered into the HSECOND_ID field. |
| <u>Source:</u> | Form IC, Section I, Part A |
| <u>Format:</u> | VARCHAR2(12) |
| <u>Allowed Values:</u> | <ul style="list-style-type: none">• The first two characters must be a valid state postal code which corresponds to the state in which the facility is located.• The allowed values for the third digit are: 0-9 and A-Z.• The allowed values for the last nine characters are numeric (0-9).• For Dun and Bradstreet EPA IDs the last character is a computer-verified check digit.• For GSA EPA IDs the third character is a computer-verified check digit. |

Waste State

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Waste State |
| <u>Description:</u> | State postal code for the handler. |
| <u>Source:</u> | First two characters of Handler Identification Number . |
| <u>Format:</u> | CHAR(2) |
| <u>Allowed Values:</u> | State postal code |

Waste Region

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|--------------------------------------------------------------------|
| <u>Data Element Name:</u> | Waste Region |
| <u>Description:</u> | EPA Region of the handler. |
| <u>Source:</u> | Generated based on Handler Identification Number . |
| <u>Format:</u> | CHAR(2) |
| <u>Allowed Values:</u> | 01 - 10 |

Site/Company Name

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-------------------------------------------------|
| <u>Data Element Name:</u> | Site/Company Name |
| <u>Description:</u> | The official or legal name of the site/company. |
| <u>Source:</u> | Form IC, Section I, Part C |
| <u>Format:</u> | VARCHAR2(40) |
| <u>Allowed Values:</u> | N/A |

State Identification Number

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|------------------------------------------------------------------------|
| <u>Data Element Name:</u> | State Identification Number |
| <u>Description:</u> | Number that may be assigned by states to identify individual handlers. |
| <u>Source:</u> | Form IC, Section I, Part A |
| <u>Format:</u> | VARCHAR2(12) |
| <u>Allowed Values:</u> | N/A |

HW Report Exemption Status

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | HW Report Exemption Status |
| <u>Description:</u> | Classification of exemption from the requirement to file the Hazardous Waste or Waste Minimization Report. |
| <u>Source:</u> | Postcard |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | 0 No postcard 1 For current reporting year only 2 Permanently 3 Other |

County Code

Table: BS123_FORM_IC_PART1

| | |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data Element Name: | County Code |
| Description: | The Federal Information Processing Standard (FIPS) code for the county in which the facility is located. (Ref: FIPS Publication 6-3, "Counties and County Equivalents of the States of the United States".) |
| Source: | System-generated from Location County field (HLOC_COUNTY). |
| Format: | VARCHAR2(5) |
| Allowed Values: | N/A |

Location Street 1

Table: BS123_FORM_IC_PART1

| | |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Data Element Name: | Location Street 1 |
| Description: | First line of the street address, route number, or other specific identifier describing the physical location of the site. |
| Source: | Form IC, Section I, Part E, Line 1 |
| Format: | VARCHAR2(30) |
| Allowed Values: | N/A |

Location Street 2

Table: BS123_FORM_IC_PART1

| | |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data Element Name: | Location Street 2 |
| Description: | Second line of the street address (or the post office box number), route number, or other specific identifier describing the physical location of the handler. |
| Source: | Form IC, Section I, Part E, Line 2 |
| Format: | VARCHAR2(30) |
| Allowed Values: | N/A |

Location City

Table: BS123_FORM_IC_PART1

| | |
|------------------------------------|-----------------------------------------------------------|
| Data Element Name: | Location City |
| Description: | Name of the city or town in which the handler is located. |
| Source: | Form IC, Section I, Part F |
| Format: | VARCHAR2(25) |
| Allowed Values: | N/A |

Location County

Table: BS123_FORM_IC_PART1

| | |
|------------------------------------|---------------------------------------|
| Data Element Name: | Location County |
| Description: | Name of county where site is located. |
| Source: | Form IC, Section I, Part B |
| Format: | VARCHAR2(27) |
| Allowed Values: | N/A |

Location Zip Code

Table: BS123_FORM_IC_PART1

| | |
|------------------------------------|------------------------------------------------------------------------------------------------------|
| Data Element Name: | Location Zip Code |
| Description: | Zip code in the address for the physical location of the site. |
| Source: | Form IC, Section I, Part H |
| Format: | VARCHAR2(9) |
| Allowed Values: | All nine (9) characters must be numeric, with the exception of the last four (4) which may be blank. |

Mailing Street 1

Table: BS123_FORM_IC_PART1

| | |
|------------------------------------|--------------------------------------------------------------------------------|
| Data Element Name: | Mailing Street 1 |
| Description: | First line of the street address (or the post office box number) for mailings. |
| Source: | Form IC, Section II, Part B, Line 1 |
| Format: | VARCHAR2(30) |
| Allowed Values: | N/A |

Mailing Street 2

Table: BS123_FORM_IC_PART1

| | |
|------------------------------------|---------------------------------------------------------------------------------|
| Data Element Name: | Mailing Street 2 |
| Description: | Second line of the street address (or the post office box number) for mailings. |
| Source: | Form IC, Section II, Part B, Line 2 |
| Format: | VARCHAR2(30) |
| Allowed Values: | N/A |

Mailing City

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|---------------------------------------------------------|
| <u>Data Element Name:</u> | Mailing City |
| <u>Description:</u> | Name of the city or town in the site's mailing address. |
| <u>Source:</u> | Form IC, Section II, Part C |
| <u>Format:</u> | VARCHAR2(25) |
| <u>Allowed Values:</u> | N/A |

Mailing Zip Code

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Mailing Zip Code |
| <u>Description:</u> | Zip code in the mailing address. |
| <u>Source:</u> | Form IC, Section II, Part C |
| <u>Format:</u> | VARCHAR2(9) |
| <u>Allowed Values:</u> | All nine (9) characters must be numeric, with the exception of the last four (4) which may be blank. |

Certification Last Name

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Certification Last Name |
| <u>Description:</u> | Last name of the person who certified the information reported to the authorizing agency. |
| <u>Source:</u> | Form IC, Section IV, Part A, Last Name |
| <u>Format:</u> | VARCHAR2(15) |
| <u>Allowed Values:</u> | N/A |

Certification First Name

Table: BS123_FORM_IC_PART1

| | |
|------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Data Element Name: | Certification First Name |
| Description: | First name and middle initial of the person who certified the information reported to the authorizing agency. |
| Source: | Form IC, Section IV, Part A, First Name & M.I. |
| Format: | VARCHAR2(15) |
| Allowed Values: | N/A |

Certification Title

Table: BS123_FORM_IC_PART1

| | |
|------------------------------------|---------------------------------------------------------------------------------------|
| Data Element Name: | Certification Title |
| Description: | Title of the person who certified the information reported to the authorizing agency. |
| Source: | Form IC, Section IV, Part B |
| Format: | VARCHAR2(15) |
| Allowed Values: | N/A |

Certification Signature Date

Table: BS123_FORM_IC_PART1

| | |
|------------------------------------|-----------------------------------------------------------------------------|
| Data Element Name: | Certification Signature Date |
| Description: | Date on which the Biennial Report Form was certified by the reporting site. |
| Source: | Form IC, Section IV, Part D |
| Format: | Date |
| Allowed Values: | Valid date |

Contact Last Name

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Contact Last Name |
| <u>Description:</u> | Last name of the person who is familiar with the site's operation and the information provided to the authorizing agency. |
| <u>Source:</u> | Form IC, Section III, Part A, Last Name |
| <u>Format:</u> | VARCHAR2(15) |
| <u>Allowed Values:</u> | N/A |

Contact First Name

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Contact First Name |
| <u>Description:</u> | First name and middle initial of the person who is familiar with the site's operation and the information provided to the authorizing agency. |
| <u>Source:</u> | Form IC, Section III, Part A, First Name & M.I. |
| <u>Format:</u> | VARCHAR2(15) |
| <u>Allowed Values:</u> | N/A |

Contact Title

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Contact Title |
| <u>Description:</u> | Title of the person who is familiar with the site's operation and the information provided to the authorizing agency. |
| <u>Source:</u> | Form IC, Section III, Part B |
| <u>Format:</u> | VARCHAR2(15) |
| <u>Allowed Values:</u> | N/A |

Contact Phone Number

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|----------------------------------------------------------|
| <u>Data Element Name:</u> | Contact Phone Number |
| <u>Description:</u> | Phone number of the official contact person at the site. |
| <u>Source:</u> | Form IC, Section III, Part C |
| <u>Format:</u> | VARCHAR2(10) |
| <u>Allowed Values:</u> | Numeric characters 0 - 9 |

Contact Phone Extension

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-------------------------------------------|
| <u>Data Element Name:</u> | Contact Phone Extension |
| <u>Description:</u> | Phone extension number of contact person. |
| <u>Source:</u> | Form IC, Section III, Part C |
| <u>Format:</u> | VARCHAR2(4) |
| <u>Allowed Values:</u> | Numeric characters 0 - 9 |

Reason for Not Generating 1

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|--------------------------------------------------------------------|
| <u>Data Element Name:</u> | Reason for Not Generating 1 |
| <u>Description:</u> | Code indicating that the site has never generated hazardous waste. |
| <u>Source:</u> | Form IC, Section V, Part B, Line 1 |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | X Yes blank No |

Reason for Not Generating 2

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|----------------------------------------------|
| <u>Data Element Name:</u> | Reason for Not Generating 2 |
| <u>Description:</u> | Code indicating the site is out of business. |
| <u>Source:</u> | Form IC, Section V, Part B, Line 2 |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | X Yes blank No |

Reason for Not Generating 3

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-------------------------------------------------------------------|
| <u>Data Element Name:</u> | Reason for Not Generating 3 |
| <u>Description:</u> | Code indicating the site handles only excluded or delisted waste. |
| <u>Source:</u> | Form IC, Section V, Part B, Line 3 |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | X Yes blank No |

Reason for Not Generating 4

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|--------------------------------------------------------------|
| <u>Data Element Name:</u> | Reason for Not Generating 4 |
| <u>Description:</u> | Code indicating the site generated only non-hazardous waste. |
| <u>Source:</u> | Form IC, Section V, Part B, Line 4 |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | X Yes blank No |

Reason for Not Generating 5

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-----------------------------------------------------------------|
| <u>Data Element Name:</u> | Reason for Not Generating 5 |
| <u>Description:</u> | Code indicating the site is a periodic or occasional generator. |
| <u>Source:</u> | Form IC, Section V, Part B, Line 5 |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | X Yes blank No |

Reason for Not Generating 6

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Reason for Not Generating 6 |
| <u>Description:</u> | Code indicating the site did not generate any hazardous waste during the current year due to waste minimization activity. |
| <u>Source:</u> | Form IC, Section V, Part B, Line 6 |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | X Yes blank No |

Recycling Activity

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|----------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Recycling Activity |
| <u>Description:</u> | Code indicating whether the site began or expanded a recycling activity during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part B |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Opportunity Assessment

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Opportunity Assessment |
| <u>Description:</u> | Code indicating whether the site systematically investigated opportunities for source reduction or recycling during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part C |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Source Reduction Limitation 1

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Source Reduction Limitation 1 |
| <u>Description:</u> | Whether insufficient capital to install new source reduction equipment or implement new source reduction practices limited the site's ability to initiate new or additional source reduction activities during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part D, Line a |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Source Reduction Limitation 2

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Source Reduction Limitation 2 |
| <u>Description:</u> | Whether lack of technical information on source reduction techniques applicable to the specific production processes limited the site's ability to initiate new or additional source reduction activities during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part D, Line b |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Source Reduction Limitation 3

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Source Reduction Limitation 3 |
| <u>Description:</u> | Whether source reduction being not economically feasible (cost savings in waste management or production will not recover the capital investment) limited the site's ability to initiate new or additional source reduction activities during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part D, Line c |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Source Reduction Limitation 4

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Source Reduction Limitation 4 |
| <u>Description:</u> | Whether concern that product quality may decline as a result of source reduction limited the site's ability to initiate new or additional source reduction activities during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part D, Line d |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Source Reduction Limitation 5

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Source Reduction Limitation 5 |
| <u>Description:</u> | Whether technical limitations of the production processes limited the site's ability to initiate new or additional source reduction activities during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part D, Line e |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Source Reduction Limitation 6

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Source Reduction Limitation 6 |
| <u>Description:</u> | Whether permitting burdens limited the site's ability to initiate new or additional source reduction activities during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part D, Line f |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Source Reduction Limitation 7

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Source Reduction Limitation 7 |
| <u>Description:</u> | Whether source reduction was previously implemented but additional reduction does not appear to be technically feasible. |
| <u>Source:</u> | Form IC*, Section VII, Part D, Line g |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Source Reduction Limitation 8

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Source Reduction Limitation 8 |
| <u>Description:</u> | Whether source reduction was previously implemented but additional reduction does not appear to be economically feasible. |
| <u>Source:</u> | Form IC*, Section VII, Part D, Line h |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Source Reduction Limitation 9

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Source Reduction Limitation 9 |
| <u>Description:</u> | Whether source reduction was previously implemented but additional reduction does not appear to be feasible due to permitting requirements. |
| <u>Source:</u> | Form IC*, Section VII, Part D, Line i |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Source Reduction Limitation 10

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Source Reduction Limitation 10 |
| <u>Description:</u> | Whether any other factors limited the site from initiating new source reduction activities during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part D, Line j |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Recycling Limitations 1

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Recycling Limitations 1 |
| <u>Description:</u> | Whether insufficient capital to install new recycling equipment or implement new recycling practices limited the site from initiating new or additional off-site recycling activities during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part E, Line a |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Recycling Limitations 2

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Recycling Limitations 2 |
| <u>Description:</u> | Whether lack of technical information on recycling techniques applicable to the specific production process limited the site from initiating new or additional on-site or off-site recycling activities during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part E, Line b |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Recycling Limitations 3

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Recycling Limitations 3 |
| <u>Description:</u> | Whether recycling was not economically feasible (cost savings in waste management or production will not recover the capital investment) limited the site from initiating new or additional on-site or off-site recycling activities during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part E, Line c |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Recycling Limitations 4

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Recycling Limitations 4 |
| <u>Description:</u> | Whether concern that production quality may decline as a result of recycling limited the site from initiating new or additional on-site or off-site recycling activities during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part E, Line d |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Recycling Limitations 5

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Recycling Limitations 5 |
| <u>Description:</u> | Whether requirements to manifest wastes inhibited shipments off-site for recycling thereby limiting the site from initiating new or additional on-site or off-site recycling activities during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part E, Line e |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Recycling Limitations 6

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Recycling Limitations 6 |
| <u>Description:</u> | Whether financial liability provisions inhibited shipments off-site for recycling thereby limiting the site from initiating new or additional on-site or off-site recycling activities during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part E, Line f |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Recycling Limitations 7

Table: BS123_FORM_IC_PART1

| | |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data Element Name: | Recycling Limitations 7 |
| Description: | Whether technical limitations of product processes inhibited shipments off-site for recycling and limited the site from initiating new or additional on-site or off-site recycling activities during the prior year or current year. |
| Source: | Form IC*, Section VII, Part E, Line g |
| Format: | CHAR(1) |
| Allowed Values: | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Recycling Limitations 8

Table: BS123_FORM_IC_PART1

| | |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data Element Name: | Recycling Limitations 8 |
| Description: | Whether technical limitations of production processes inhibited on-site recycling and limited the site from initiating new or additional on-site or off-site recycling activities during the prior year or current year. |
| Source: | Form IC*, Section VII, Part E, Line h |
| Format: | CHAR(1) |
| Allowed Values: | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Recycling Limitations 9

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Recycling Limitations 9 |
| <u>Description:</u> | Whether permitting burdens inhibited recycling and limited the site from initiating new or additional on-site or off-site recycling activities during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part E, Line i |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Recycling Limitations 10

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Recycling Limitations 10 |
| <u>Description:</u> | Whether lack of permitted off-site recycling facilities limited the site from initiating new or additional on-site or off-site recycling activities during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part E, Line j |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Recycling Limitations 11

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Recycling Limitations 11 |
| <u>Description:</u> | Whether unable to identify a market for recyclable materials limited the site from initiating new or additional on-site or off-site recycling activities during the prior year or current year. |
| <u>Source:</u> | Form IC*, Section VII, Part E, Line k |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Recycling Limitations 12

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Recycling Limitations 12 |
| <u>Description:</u> | Whether recycling was previously implemented, but additional recycling does not appear to be technically feasible. |
| <u>Source:</u> | Form IC*, Section VII, Part E, Line l |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Recycling Limitations 13

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Recycling Limitations 13 |
| <u>Description:</u> | Whether recycling was previously implemented, but additional recycling does not appear to be economically feasible. |
| <u>Source:</u> | Form IC*, Section VII, Part E, Line m |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Recycling Limitations 14

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Recycling Limitations 14 |
| <u>Description:</u> | Whether recycling was previously implemented, but additional recycling does not appear to be feasible due to permitting requirements. |
| <u>Source:</u> | Form IC*, Section VII, Part E, Line n |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Recycling Limitations 15

Table: BS123_FORM_IC_PART1

| | |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data Element Name: | Recycling Limitations 15 |
| Description: | Whether any other factors delayed or limited this site's ability to initiate new or additional on-site or off-site recycling activities during previous or current year. |
| Source: | Form IC*, Section VII, Part E, Line o |
| Format: | CHAR(1) |
| Allowed Values: | Y Yes N No |
| Comments: | * Removed from Form IC in 1997. |

Generator Status Owner

Table: BS123_FORM_IC_PART1

| | |
|------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Data Element Name: | Generator Status Owner |
| Description: | Indicates the agency that owns the data record |
| Source: | System-generated |
| Format: | CHAR(2) |
| Allowed Values: | HQ Nationally Required US Nationally Defined 01 - 10 Regions State postal code |

Generator Status

Table: BS123_FORM_IC_PART1

| | | | | | | | | | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------------------|---|--------------------------------|---|-------------------------------------------------------|---|---------------|
| <u>Data Element Name:</u> | Generator Status | | | | | | | | |
| <u>Description:</u> | Code indicating the current generator status during the current reporting year. | | | | | | | | |
| <u>Source:</u> | Form IC, Section V, Part A | | | | | | | | |
| <u>Format:</u> | CHAR(1) | | | | | | | | |
| <u>Allowed Values:</u> | <table><tr><td>1</td><td>Large Quantity Generator (LQG)</td></tr><tr><td>2</td><td>Small Quantity Generator (SQG)</td></tr><tr><td>3</td><td>Conditionally Exempt Small Quantity Generator (CESQG)</td></tr><tr><td>4</td><td>Non-generator</td></tr></table> | 1 | Large Quantity Generator (LQG) | 2 | Small Quantity Generator (SQG) | 3 | Conditionally Exempt Small Quantity Generator (CESQG) | 4 | Non-generator |
| 1 | Large Quantity Generator (LQG) | | | | | | | | |
| 2 | Small Quantity Generator (SQG) | | | | | | | | |
| 3 | Conditionally Exempt Small Quantity Generator (CESQG) | | | | | | | | |
| 4 | Non-generator | | | | | | | | |

On-Site Waste Management Status RCRA T/D/R

Table: BS123_FORM_IC_PART1

| | | | | | | | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------|---|----------------------------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | On-Site Waste Management Status RCRA T/D/R | | | | | | |
| <u>Description:</u> | Code indicating whether treatment, recycling, or disposal of hazardous wastes was conducted during the current year on-site in units requiring a RCRA permit. | | | | | | |
| <u>Source:</u> | Form IC, Section V, Part A | | | | | | |
| <u>Format:</u> | CHAR(1) | | | | | | |
| <u>Allowed Values:</u> | <table><tr><td>1</td><td>No, and the site does not have firm plans to develop an on-site RCRA permitted treatment, disposal, or recycling system.</td></tr><tr><td>2</td><td>No, but the site does have firm plans to develop an on-site RCRA permitted treatment, disposal, or recycling system.</td></tr><tr><td>3</td><td>Yes, hazardous waste was treated, disposed, or recycled, on-site during the current year in a unit subject to RCRA permitting requirements.</td></tr></table> | 1 | No, and the site does not have firm plans to develop an on-site RCRA permitted treatment, disposal, or recycling system. | 2 | No, but the site does have firm plans to develop an on-site RCRA permitted treatment, disposal, or recycling system. | 3 | Yes, hazardous waste was treated, disposed, or recycled, on-site during the current year in a unit subject to RCRA permitting requirements. |
| 1 | No, and the site does not have firm plans to develop an on-site RCRA permitted treatment, disposal, or recycling system. | | | | | | |
| 2 | No, but the site does have firm plans to develop an on-site RCRA permitted treatment, disposal, or recycling system. | | | | | | |
| 3 | Yes, hazardous waste was treated, disposed, or recycled, on-site during the current year in a unit subject to RCRA permitting requirements. | | | | | | |

On-Site Waste Management Status RCRA T/D/R Owner

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | On-Site Waste Management Status RCRA T/D/R Owner |
| <u>Description:</u> | Indicates the agency that owns the data record |
| <u>Source:</u> | System-generated |
| <u>Format:</u> | CHAR(2) |
| <u>Allowed Values:</u> | HQ Nationally Required US Nationally Defined 01 - 10 Regions State postal code |

On-Site Waste Management Status Storage

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | On-Site Waste Management Status Storage |
| <u>Description:</u> | Code indicating whether the site had any RCRA permitted, or interim status storage on-site during the current year. |
| <u>Source:</u> | Form IC, Section VI, Part A |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | 1 No storage 2 RCRA permitted storage--Tanks 3 RCRA permitted storage--Containers 4 RCRA permitted storage--Combination 5 RCRA permitted storage--Other 8 Don't know (allowed for data prior to 1997) |

On-Site Waste Management Status Storage Owner

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | On-Site Waste Management Status Storage Owner |
| <u>Description:</u> | Indicates the agency that owns the data record |
| <u>Source:</u> | System-generated |
| <u>Format:</u> | CHAR(2) |
| <u>Allowed Values:</u> | HQ Nationally Required US Nationally Defined 01 - 10 Regions State postal code |

Location State

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-----------------------------------------|
| <u>Data Element Name:</u> | Location State |
| <u>Description:</u> | Foreign key to POSTAL_CODE in LU_STATE. |
| <u>Source:</u> | Form IC, Section V, Part A |
| <u>Format:</u> | CHAR(2) |
| <u>Allowed Values:</u> | State postal code |

Mailing State

Table: BS123_FORM_IC_PART1

| | |
|---------------------------|-----------------------------------|
| <u>Data Element Name:</u> | Mailing State |
| <u>Description:</u> | Postal code from mailing address. |
| <u>Source:</u> | Form IC, Section V, Part A |
| <u>Format:</u> | CHAR(2) |
| <u>Allowed Values:</u> | State postal code |

USOS5 - BS5_FORM_IC_COMMENTS

Primary Key for BS5_FORM_IC_COMMENTS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-----------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Comment Sequence Number | Integer | 2 |

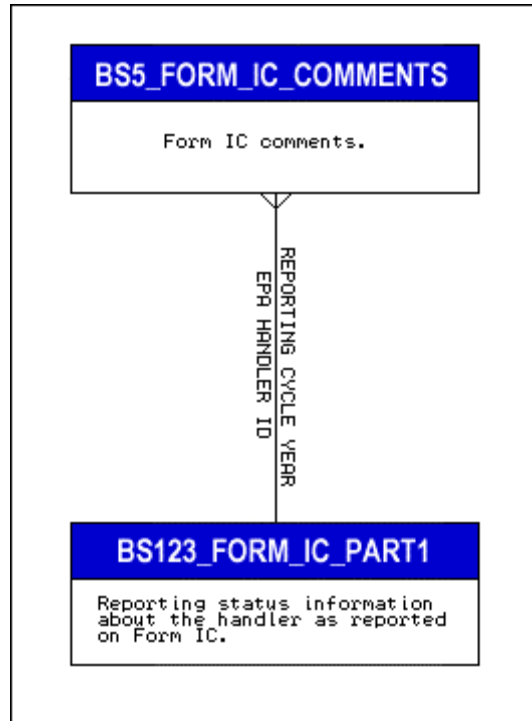
Data Elements for BS5_FORM_IC_COMMENTS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-------------------------------|--------------|------|
| 4 | 19 | Comments - IC | Alphanumeric | 60 |

Relationships

Always DESCRIBES One [BS123_FORM_IC_PART1](#)

Entity Relationship Diagram



Reporting Cycle Year

Table: BS5_FORM_IC_COMMENTS

Data Element Name:

Reporting Cycle Year

Description:

Foreign key to [FK_BREPORT_CYCLYEAR](#) in [BS123_FORM_IC_PART1](#).

Handler Identification Number

Table: BS5_FORM_IC_COMMENTS

Data Element Name:

Handler Identification Number

Description:

Foreign key to [HID_NUM](#) in [BS123_Form_IC_PART1](#).

Comment Sequence Number

Table: BS5_FORM_IC_COMMENTS

| | |
|---------------------------|------------------------------------------|
| <u>Data Element Name:</u> | Comment Sequence Number |
| <u>Description:</u> | Sequence number from comment on Form IC. |
| <u>Source:</u> | System-generated |
| <u>Format:</u> | NUMBER(2) |
| <u>Allowed Values:</u> | 1 - 12 |

Comments - IC

Table: BS5_FORM_IC_COMMENTS

| | |
|---------------------------|--------------------------------------------|
| <u>Data Element Name:</u> | Comments - IC |
| <u>Description:</u> | User comments pertaining to the IC record. |
| <u>Source:</u> | Form IC, Comments Section |
| <u>Format:</u> | VARCHAR2(60) |
| <u>Allowed Values:</u> | N/A |

USOG1 - BG1_FORM_GM_BASIC_INFORMATION

Primary Key for BG1_FORM_GM_BASIC_INFORMATION:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |

Data Elements for BG1_FORM_GM_BASIC_INFORMATION:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|-----------|
| 5 | 24 | Waste Form Code | Alphanumeric | 4 |
| 6 | 28 | Waste Quantity Density | Numeric | 5 (2.2) |
| 7 | 33 | Waste Quantity Density Unit of Measure | Alphanumeric | 1 |
| 8 | 34 | Waste Origin | Alphanumeric | 1 |
| 9 | 35 | Origin System Type | Alphanumeric | 4 |
| 10 | 39 | On-Site Handling | Alphanumeric | 1 |
| 11 | 40 | Off-Site Handling | Alphanumeric | 1 |
| 12 | 41 | Point of Measure | Alphanumeric | 1 |
| 13 | 42 | RCRA-Radioactive Mixed | Alphanumeric | 1 |
| 14 | 43 | Waste Description SIC Code | Alphanumeric | 4 |
| 15 | 47 | Waste Description Source Code | Alphanumeric | 3 |
| 16 | 50 | Quantity Generated Current Year | Numeric | 13 (10.2) |
| 17 | 63 | Quantity Generated Current Year in Tons | Numeric | 18 (9.8) |
| 18 | 81 | Unit of Measure Owner | Alphanumeric | 2 |
| 19 | 83 | Waste Quantity Unit of Measure | Alphanumeric | 1 |

Relationships

Always DESCRIBES One [BS123_FORM_IC_PART1](#)

Sometimes IS_DESCRIBED_BY One or More [BG2_FORM_GM_EPA_WASTE_CODES](#)



Sometimes IS_DESCRIBED_BY One or More [BG3 FORM GM STATE WASTE CODES](#)

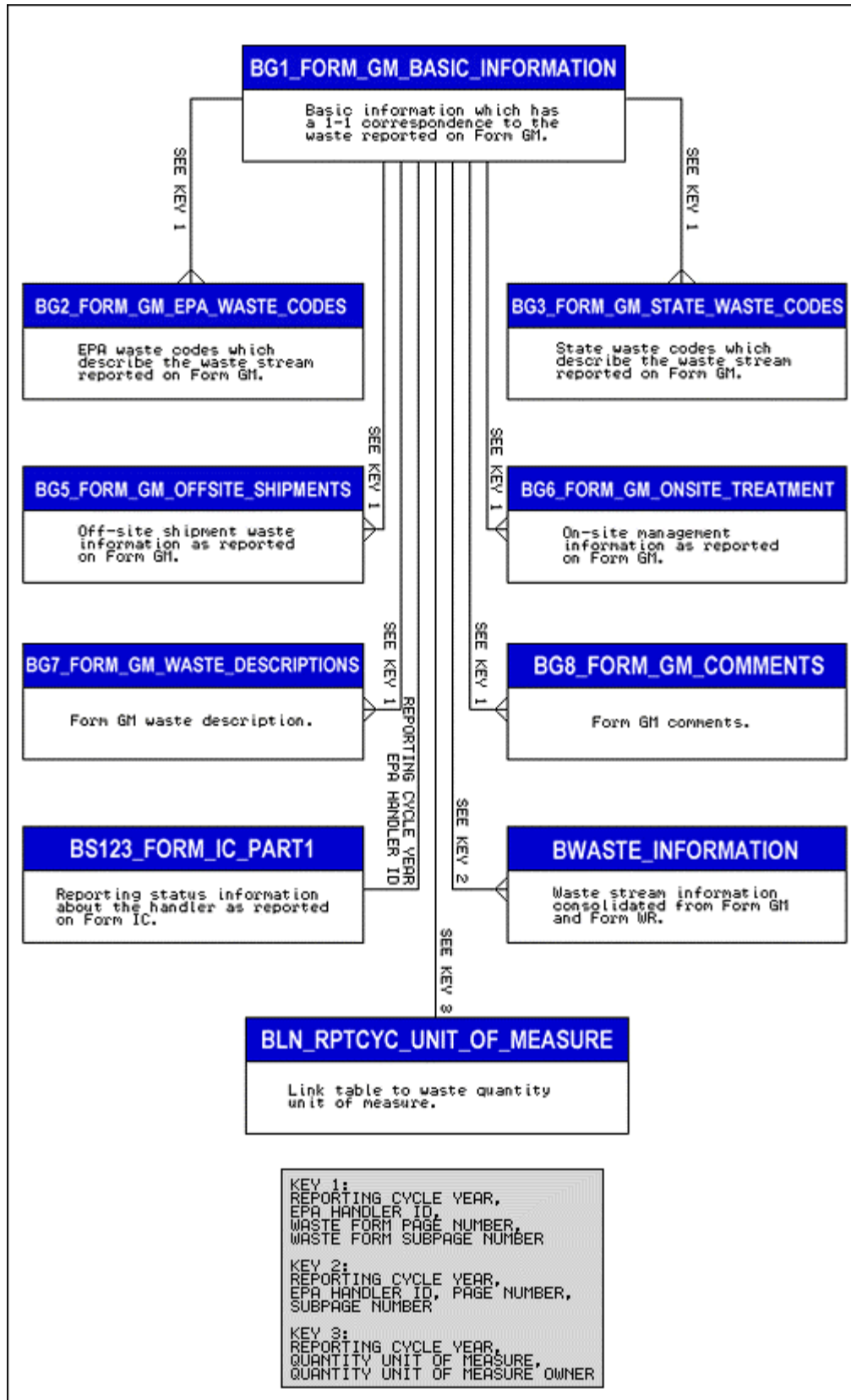
Sometimes IS_DESCRIBED_BY One or More [BG5 FORM GM OFFSITE SHIPMENTS](#)

Sometimes IS_DESCRIBED_BY One or More [BG6 FORM GM ONSITE TREATMENT](#)

Sometimes IS_DESCRIBED_BY One or More [BG7 FORM GM WASTE DESCRIPTIONS](#)

Sometimes IS_DESCRIBED_BY One or More [BG8 FORM GM COMMENTS](#)

Entity Relationship Diagram



Reporting Cycle Year

Table: BG1_FORM_GM_BASIC_INFORMATION

Data Element Name: Reporting Cycle Year
Description: Foreign key to [FK_BREPORT_CYCLYEAR in BS123_FORM_IC_PART1.](#)

Handler Identification Number

Table: BG1_FORM_GM_BASIC_INFORMATION

Data Element Name: Handler Identification Number
Description: Foreign key to [HID_NUM in BS123_FORM_IC_PART1.](#)
Source: Form GM ID Block

Hazardous Waste Stream Form Page Number

Table: BG1_FORM_GM_BASIC_INFORMATION

Data Element Name: Hazardous Waste Stream Form Page Number
Description: Page number of the form used to enter the information in the Stream segment and all child segments of Stream.
Source: Assigned by respondent (Form GM, bottom-right of page).
Format: NUMBER(5)
Allowed Values: 0 - 99999

Waste Subpage Number

Table: BG1_FORM_GM_BASIC_INFORMATION

| | |
|---------------------------|------------------------|
| <u>Data Element Name:</u> | Waste Subpage Number |
| <u>Description:</u> | System-generated value |
| <u>Source:</u> | System-generated |
| <u>Format:</u> | NUMBER(2) |
| <u>Allowed Values:</u> | 01 |

Waste Form Code

Table: BG1_FORM_GM_BASIC_INFORMATION

| | |
|---------------------------|---------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Waste Form Code |
| <u>Description:</u> | Code that best corresponds to the physical state of the hazardous waste stream. |
| <u>Source:</u> | Form GM, Section I, Part H |
| <u>Format:</u> | VARCHAR2(4) |
| <u>Allowed Values:</u> | Click here to see Nationally Defined Values. |

Waste Quantity Density

Table: BG1_FORM_GM_BASIC_INFORMATION

| | |
|---------------------------|------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Waste Quantity Density |
| <u>Description:</u> | Density of the waste stream in pounds/gallons or specific gravity. |
| <u>Source:</u> | Form GM, Section II, Part B, Density |
| <u>Format:</u> | NUMBER(5,2) |
| <u>Allowed Values:</u> | 0.01 - 99.99 If waste was measured in gallons, liters, or cubic yards |
| | blank If waste was measured in pounds, short tons, kilograms, or metric tons |

(See [Waste Quantity Unit of Measure](#)).

Waste Quantity Density Unit of Measure

Table: BG1_FORM_GM_BASIC_INFORMATION

| | | | | | | | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------|---|------------------|-------|-----------------------------------------------------------|
| <u>Data Element Name:</u> | Waste Quantity Density Unit of Measure | | | | | | |
| <u>Description:</u> | Code indicating whether waste quantity density is measured in pounds per gallon or specific gravity. | | | | | | |
| <u>Source:</u> | Form GM, Section II, Part B, Density, UOM | | | | | | |
| <u>Format:</u> | CHAR(1) | | | | | | |
| <u>Allowed Values:</u> | <table> <tr> <td>1</td> <td>lbs/gallon</td> </tr> <tr> <td>2</td> <td>specific gravity</td> </tr> <tr> <td>blank</td> <td>Waste was not measured in gallons, liters, or cubic yards</td> </tr> </table> | 1 | lbs/gallon | 2 | specific gravity | blank | Waste was not measured in gallons, liters, or cubic yards |
| 1 | lbs/gallon | | | | | | |
| 2 | specific gravity | | | | | | |
| blank | Waste was not measured in gallons, liters, or cubic yards | | | | | | |

(See [Waste Quantity Unit of Measure](#)).

Waste Origin

Table: BG1_FORM_GM_BASIC_INFORMATION

| | | | | | | | | | | | |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Waste Origin | | | | | | | | | | |
| <u>Description:</u> | Code that best describes the process or activity that was the origin of the hazardous waste stream. | | | | | | | | | | |
| <u>Source:</u> | Form GM, Section I, Part E | | | | | | | | | | |
| <u>Format:</u> | CHAR(1) | | | | | | | | | | |
| <u>Allowed Values:</u> | <table> <tr> <td>1</td> <td>The hazardous waste stream was generated on site from a production process or service activity (including off-specification or spent chemicals).</td> </tr> <tr> <td>2</td> <td>The hazardous waste stream was the result of a spill cleanup, equipment decommissioning, or other remedial cleanup activity.</td> </tr> <tr> <td>3</td> <td>The hazardous waste stream was derived from the management of a non-hazardous waste stream.</td> </tr> <tr> <td>4</td> <td>The hazardous waste stream was received from off-site and was not recycled or treated on site.</td> </tr> <tr> <td>5</td> <td>The hazardous waste stream was a residual from the on-site treatment, disposal or recycling of previously existing hazardous waste stream.</td> </tr> </table> | 1 | The hazardous waste stream was generated on site from a production process or service activity (including off-specification or spent chemicals). | 2 | The hazardous waste stream was the result of a spill cleanup, equipment decommissioning, or other remedial cleanup activity. | 3 | The hazardous waste stream was derived from the management of a non-hazardous waste stream. | 4 | The hazardous waste stream was received from off-site and was not recycled or treated on site. | 5 | The hazardous waste stream was a residual from the on-site treatment, disposal or recycling of previously existing hazardous waste stream. |
| 1 | The hazardous waste stream was generated on site from a production process or service activity (including off-specification or spent chemicals). | | | | | | | | | | |
| 2 | The hazardous waste stream was the result of a spill cleanup, equipment decommissioning, or other remedial cleanup activity. | | | | | | | | | | |
| 3 | The hazardous waste stream was derived from the management of a non-hazardous waste stream. | | | | | | | | | | |
| 4 | The hazardous waste stream was received from off-site and was not recycled or treated on site. | | | | | | | | | | |
| 5 | The hazardous waste stream was a residual from the on-site treatment, disposal or recycling of previously existing hazardous waste stream. | | | | | | | | | | |

Origin System Type

Table: BG1_FORM_GM_BASIC_INFORMATION

| | |
|---------------------------|-------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Origin System Type |
| <u>Description:</u> | System type code that generated the residual waste of the waste stream. |
| <u>Source:</u> | Form GM, Section I, Part E |
| <u>Format:</u> | VARCHAR2(4) |
| <u>Allowed Values:</u> | Click here to see Nationally Defined Values. |

On-Site Handling

Table: BG1_FORM_GM_BASIC_INFORMATION

| | |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | On-Site Handling |
| <u>Description:</u> | Code indicating if the waste described was treated, disposed, or recycled on site or discharged to a sewer/POTW. |
| <u>Source:</u> | Form GM, Section II, Part C |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes, the waste was treated, disposed, or recycled on site, or discharged to sewer/POTW. N No, the waste was not treated, disposed, or recycled on site, or discharged to sewer/POTW. |

Off-Site Handling

Table: BG1_FORM_GM_BASIC_INFORMATION

| | |
|---------------------------|----------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Off-Site Handling |
| <u>Description:</u> | Code indicating whether waste described in Section I was shipped off site during the current year. |
| <u>Source:</u> | Form GM, Section III, Part A |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | Y Yes, the waste was shipped off site. N No, the waste was not shipped off site. |

Point of Measure

Table: BG1_FORM_GM_BASIC_INFORMATION

| | |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Point of Measure |
| <u>Description:</u> | Code that describes the point at which the waste stream was measured or estimated. |
| <u>Source:</u> | Form GM, Section I, Part G |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | 1 Before any mixing of hazardous waste streams or mixing of hazardous and non-hazardous waste streams 2 After mixing of hazardous waste streams 3 After mixing with non-hazardous waste streams 4 After mixing of multiple hazardous waste streams, and with non-hazardous waste streams |

RCRA-Radioactive Mixed

Table: BG1_FORM_GM_BASIC_INFORMATION

| | |
|---------------------------|----------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | RCRA-Radioactive Mixed |
| <u>Description:</u> | Code that indicates if the hazardous waste is mixed with nuclear waste or by-products. |
| <u>Source:</u> | Form GM, Section I, Part I |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | 1 Yes 2 No |

Waste Description SIC Code

Table: BG1_FORM_GM_BASIC_INFORMATION

| | |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Waste Description SIC Code |
| <u>Description:</u> | Standard Industrial Classification (SIC) code that identifies the product of service associated with the facility described. |
| <u>Source:</u> | Form GM, Section I, Part D |
| <u>Format:</u> | VARCHAR2(4) |
| <u>Allowed Values:</u> | Click here to see Nationally Defined Values. |

Waste Description Source Code

Table: BG1_FORM_GM_BASIC_INFORMATION

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Waste Description Source Code |
| <u>Description:</u> | Code that best describes the production, service, or waste management process that was the source associated with generation of the waste. |
| <u>Source:</u> | Form GM, Section I, Part F |
| <u>Format:</u> | VARCHAR2(3) |
| <u>Allowed Values:</u> | Click here to see Nationally Defined Values. |

Quantity Generated Current Year

Table: BG1_FORM_GM_BASIC_INFORMATION

| | |
|---------------------------|-------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Quantity Generated Current Year |
| <u>Description:</u> | The total quantity of the waste that was generated during the reporting year. |
| <u>Source:</u> | Form GM, Section II, Part A |
| <u>Format:</u> | NUMBER(13,2) |
| <u>Allowed Values:</u> | 0.00 - 9999999999.99 |

Quantity Generated Current Year in Tons

Table: BG1_FORM_GM_BASIC_INFORMATION

| | |
|---------------------------|--------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Quantity Generated Current Year in Tons |
| <u>Description:</u> | The total quantity of the waste that was generated during the reporting year, converted to tons. |
| <u>Source:</u> | Calculated |
| <u>Format:</u> | NUMBER(18,8) |
| <u>Allowed Values:</u> | 0 - 9999999999.99999999 |

Unit of Measure Owner

Table: BG1_FORM_GM_BASIC_INFORMATION

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Unit of Measure Owner |
| <u>Description:</u> | Indicates the agency that owns the data record |
| <u>Source:</u> | System-generated |
| <u>Format:</u> | CHAR(2) |
| <u>Allowed Values:</u> | HQ Nationally Required US Nationally Defined 01 - 10 Regions State postal code |

Waste Quantity Unit of Measure

Table: BG1_FORM_GM_BASIC_INFORMATION

| | |
|------------------------------------|------------------------------------|
| Data Element Name: | Waste Quantity Unit of Measure |
| Description: | Waste Quantity Unit of Measure |
| Source: | Form GM, Section II, Part B, "UOM" |
| Format: | CHAR(1) |
| Allowed Values: | See Nationally Defined Values. |

USOG2 - BG2_FORM_GM_EPA_WASTE_CODES

Primary Key for BG2_FORM_GM_EPA_WASTE_CODES:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|----------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | EPA Hazardous Waste Code Sequence Number | Integer | 3 |

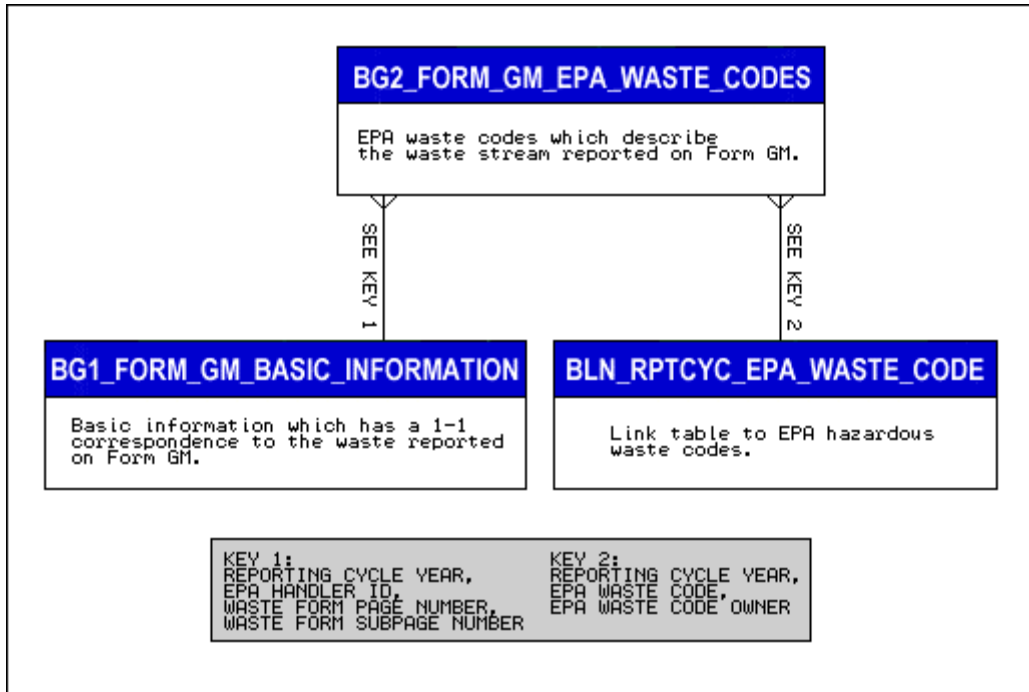
Data Elements for BG2_FORM_GM_EPA_WASTE_CODES:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|------------------------------------------------|--------------|------|
| 6 | 29 | EPA Hazardous Waste Code Owner | Alphanumeric | 2 |
| 7 | 31 | EPA Hazardous Waste Code | Alphanumeric | 4 |

Relationships

Always DESCRIBES One [BG1_FORM_GM_BASIC_INFORMATION](#)

Entity Relationship Diagram



Reporting Cycle Year

Table: BG2_FORM_GM_EPA_WASTE_CODES

| | |
|---------------------------|------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Reporting Cycle Year |
| <u>Description:</u> | Foreign key to FK_BS123_FORM_IFK_BREPORT_CYCL in BG1_FORM_GM_BASIC_INFORMATION . |
| <u>Source:</u> | System-generated |

Handler Identification Number

Table: BG2_FORM_GM_EPA_WASTE_CODES

Data Element Name: Handler Identification Number
Description: Foreign key to [FK_BS123_FORM_IHID_NUM](#) in [BG1_FORM_GM_BASIC_INFORMATION](#).
Source: Site ID block

Hazardous Waste Stream Form Page Number

Table: BG2_FORM_GM_EPA_WASTE_CODES

Data Element Name: Hazardous Waste Stream Form Page Number
Description: Foreign key to [HZ_PG](#) in [BG1_FORM_GM_BASIC_INFORMATION](#).
Source: Assigned by respondent.

Waste Subpage Number

Table: BG2_FORM_GM_EPA_WASTE_CODES

Data Element Name: Waste Subpage Number
Description: Foreign key to [SUB_PG_NUM](#) in [BG1_FORM_GM_BASIC_INFORMATION](#).
Source: System-generated

EPA Hazardous Waste Code Sequence Number

Table: BG2_FORM_GM_EPA_WASTE_CODES

| | |
|---------------------------|-------------------------------------------------|
| <u>Data Element Name:</u> | EPA Hazardous Waste Code Sequence Number |
| <u>Description:</u> | Sequence number for EPA Waste Codes on Form GM. |
| <u>Source:</u> | System-generated |
| <u>Format:</u> | NUMBER(3) |
| <u>Allowed Values:</u> | 1 - 25 |

EPA Hazardous Waste Code Owner

Table: BG2_FORM_GM_EPA_WASTE_CODES

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | EPA Hazardous Waste Code Owner |
| <u>Description:</u> | Indicates the agency that owns the data record |
| <u>Source:</u> | System-generated |
| <u>Format:</u> | CHAR(2) |
| <u>Allowed Values:</u> | HQ Nationally Required US Nationally Defined 01 - 10 Regions State postal code |

EPA Hazardous Waste Code

Table: BG2_FORM_GM_EPA_WASTE_CODES

| | |
|---------------------------|--------------------------------------------------------------|
| <u>Data Element Name:</u> | EPA Hazardous Waste Code |
| <u>Description:</u> | EPA Hazardous Waste Code |
| <u>Source:</u> | Form GM, Section I, Part B |
| <u>Format:</u> | CHAR(4) |
| <u>Allowed Values:</u> | Click here to see Nationally Defined Values. |

USOG3 - BG3_FORM_GM_STATE_WASTE_CODES

Primary Key for BG3_FORM_GM_STATE_WASTE_CODES:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | State Waste Code Sequence Number | Integer | 3 |

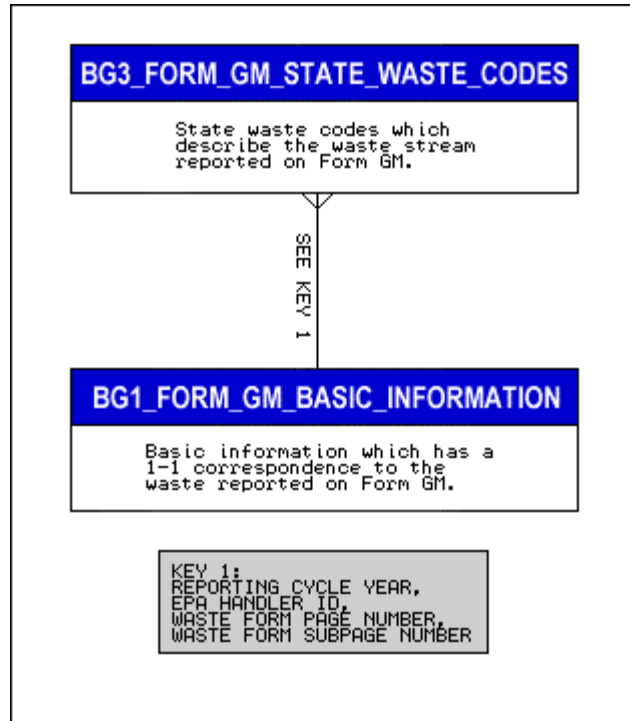
Data Elements for BG3_FORM_GM_STATE_WASTE_CODES:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|----------------------------------|--------------|------|
| 6 | 27 | State Waste Code | Alphanumeric | 6 |

Relationships

Always DESCRIBES One [BG1_FORM_GM_BASIC_INFORMATION](#)

Entity Relationship Diagram



Reporting Cycle Year

Table: BG3_FORM_GM_STATE_WASTE_CODES

Data Element Name:

Reporting Cycle Year

Description:

Foreign key to [FK_BS123_FORM_IFK_BREPORT_CYCL](#) in [BG1_FORM_GM_BASIC_INFORMATION](#).

Source:

System-generated

Handler Identification Number

Table: BG3_FORM_GM_STATE_WASTE_CODES

Data Element Name: Handler Identification Number
Description: Foreign key to [FK_BS123_FORM_IHID_NUM](#) in [BG1_FORM_GM_BASIC_INFORMATION](#).
Source: Site ID block

Hazardous Waste Stream Form Page Number

Table: BG3_FORM_GM_STATE_WASTE_CODES

Data Element Name: Hazardous Waste Stream Form Page Number
Description: Foreign key to [HZ_PG](#) in [BG1_FORM_GM_BASIC_INFORMATION](#).
Source: Assigned by respondent.

Waste Subpage Number

Table: BG3_FORM_GM_STATE_WASTE_CODES

Data Element Name: Waste Subpage Number
Description: Foreign key to [SUB_PG_NUM](#) in [BG1_FORM_GM_BASIC_INFORMATION](#).
Source: Printed on WR Form or assigned by respondent.

State Waste Code Sequence Number

Table: BG3_FORM_GM_STATE_WASTE_CODES

| | |
|---------------------------|-------------------------------------------------------------------|
| <u>Data Element Name:</u> | State Waste Code Sequence Number |
| <u>Description:</u> | Sequence number for State Waste Codes on Form GM. |
| <u>Source:</u> | System-generated |
| <u>Format:</u> | NUMBER(3) |
| <u>Allowed Values:</u> | 1 - 12 |

State Waste Code

Table: BG3_FORM_GM_STATE_WASTE_CODES

| | |
|---------------------------|----------------------------------------------------------------|
| <u>Data Element Name:</u> | State Waste Code |
| <u>Description:</u> | State Hazardous Waste Code that applies to the waste reported. |
| <u>Source:</u> | Form GM, Section I, Part C |
| <u>Format:</u> | VARCHAR2(6) |
| <u>Allowed Values:</u> | N/A |

USOG5 - BG5_FORM_GM_OFFSITE_SHIPMENTS

Primary Key for BG5_FORM_GM_OFFSITE_SHIPMENTS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | Shipped Out Page Number GM Form | Integer | 5 |

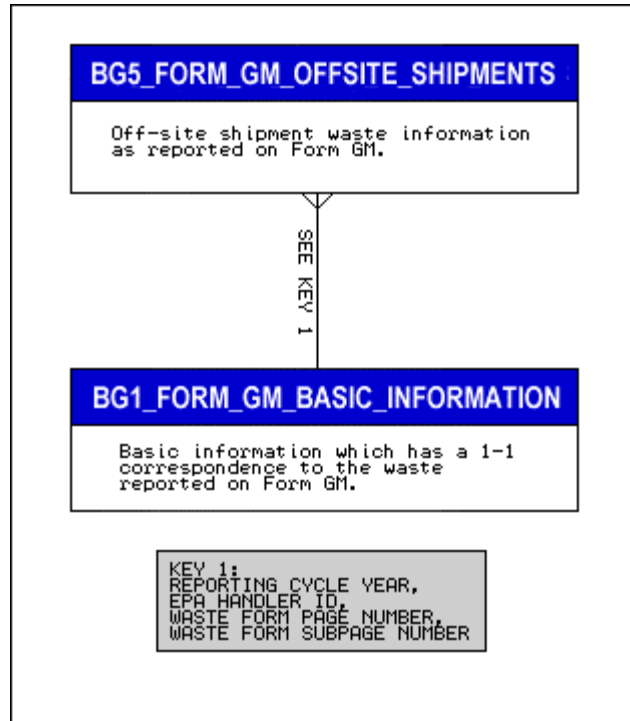
Data Elements for BG5_FORM_GM_OFFSITE_SHIPMENTS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-------------------------------------------------------|--------------|--------------|
| 6 | 29 | TDR System Type | Alphanumeric | 4 |
| 7 | 33 | TDR Identification Number | Alphanumeric | 12 |
| 8 | 45 | TDR Quantity | Numeric | 13 (10.2) |
| 9 | 58 | Quantity Shipped Current Year in Tons | Numeric | 18 (9.8) |
| 10 | 76 | Off-Site Availability | Alphanumeric | 1 |

Relationships

Always DESCRIBES One [BG1_FORM_GM_BASIC_INFORMATION](#)

Entity Relationship Diagram



Reporting Cycle Year

Table: BG5_FORM_GM_OFFSITE_SHIPMENTS

| | |
|---------------------------|------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Reporting Cycle Year |
| <u>Description:</u> | Foreign key to FK_BS123_FORM_IFK_BREPORT_CYCL in BG1_FORM_GM_BASIC_INFORMATION . |
| <u>Source:</u> | System-generated |

Handler Identification Number

Table: BG5_FORM_GM_OFFSITE_SHIPMENTS

Data Element Name: Handler Identification Number
Description: Foreign key to [FK_BS123_FORM_IHID_NUM](#) in [BG1_FORM_GM_BASIC_INFORMATION](#).
Source: Site ID block

Hazardous Waste Stream Form Page Number

Table: BG5_FORM_GM_OFFSITE_SHIPMENTS

Data Element Name: Hazardous Waste Stream Form Page Number
Description: Foreign key to [HZ_PG](#) in [BG1_FORM_GM_BASIC_INFORMATION](#).

Waste Subpage Number

Table: BG5_FORM_GM_OFFSITE_SHIPMENTS

Data Element Name: Waste Subpage Number
Description: Foreign key to [SUB_PG_NUM](#) in [BG1_FORM_GM_BASIC_INFORMATION](#).
Source: System-generated

Shipped Out Page Number GM Form

Table: BG5_FORM_GM_OFFSITE_SHIPMENTS

| | |
|---------------------------|--------------------------------------------------|
| <u>Data Element Name:</u> | Shipped Out Page Number GM Form |
| <u>Description:</u> | Sequence number for Offsite Shipment on Form GM. |
| <u>Source:</u> | System-generated |
| <u>Format:</u> | NUMBER(5) |
| <u>Allowed Values:</u> | 1 - 8 |

TDR System Type

Table: BG5_FORM_GM_OFFSITE_SHIPMENTS

| | |
|---------------------------|----------------------------------------------------------------------------|
| <u>Data Element Name:</u> | TDR System Type |
| <u>Description:</u> | System type code for the off-site management of the waste by the facility. |
| <u>Source:</u> | Form GM, Section III, Part C |
| <u>Format:</u> | VARCHAR2(4) |
| <u>Allowed Values:</u> | Click here to see Nationally Defined Values. |

TDR Identification Number

Table: BG5_FORM_GM_OFFSITE_SHIPMENTS

| | |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | TDR Identification Number |
| <u>Description:</u> | Number assigned by EPA or the state that uniquely identifies the handler or off-site facility to which waste was shipped. If the generating site, handler, or off-site facility is regulated under federal RCRA requirements, this ID number must be the EPA Identification Number. If the facility is not regulated under the federal program, state or other ID number will be entered. |
| <u>Source:</u> | Form GM, Section III, Part B |
| <u>Format:</u> | VARCHAR2(12) |

Allowed Values:

- The first two characters must be a valid state postal code which corresponds to the state in which the facility is located.
- The allowed values for the third digit are: 0-9 and A-Z
- The allowed values for the last nine characters are numeric (0-9)
- For Dun and Bradstreet EPA IDs the last character is a computer verified check digit.
- For GSA EPA IDs the third character is a computer verified check digit.

TDR Quantity

Table: BG5_FORM_GM_OFFSITE_SHIPMENTS

| | |
|---------------------------|-----------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | TDR Quantity |
| <u>Description:</u> | The total quantity of the waste described that was shipped during the current reporting year. |
| <u>Source:</u> | Form GM, Section III, Part E |
| <u>Format:</u> | NUMBER(13,2) |
| <u>Allowed Values:</u> | 0.00 - 9999999999.99 |

Quantity Shipped Current Year in Tons

Table: BG5_FORM_GM_OFFSITE_SHIPMENTS

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Quantity Shipped Current Year in Tons |
| <u>Description:</u> | The total quantity of the waste described that was shipped during the current reporting year, in tons. |
| <u>Source:</u> | Calculated |
| <u>Format:</u> | NUMBER(18,8) |
| <u>Allowed Values:</u> | 0 - 9999999999.99999999 |

Off-Site Availability

Table: BG5_FORM_GM_OFFSITE_SHIPMENTS

| | | | | | |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----------------------------------------------------------|---|-----------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Off-Site Availability | | | | |
| <u>Description:</u> | Code that best describes the availability of the off-site facility for commercial hazardous waste management. | | | | |
| <u>Source:</u> | Form GM, Section III, Part D | | | | |
| <u>Format:</u> | CHAR(1) | | | | |
| <u>Allowed Values:</u> | <table><tr><td>1</td><td>The off-site facility is a commercial treatment facility.</td></tr><tr><td>2</td><td>The off-site facility is available only to firms owned by the same company.</td></tr></table> | 1 | The off-site facility is a commercial treatment facility. | 2 | The off-site facility is available only to firms owned by the same company. |
| 1 | The off-site facility is a commercial treatment facility. | | | | |
| 2 | The off-site facility is available only to firms owned by the same company. | | | | |

USOG6 - BG6_FORM_GM_ONSITE_TREATMENT

Primary Key for BG6_FORM_GM_ONSITE_TREATMENT:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | System Type Page Number | Integer | 5 |

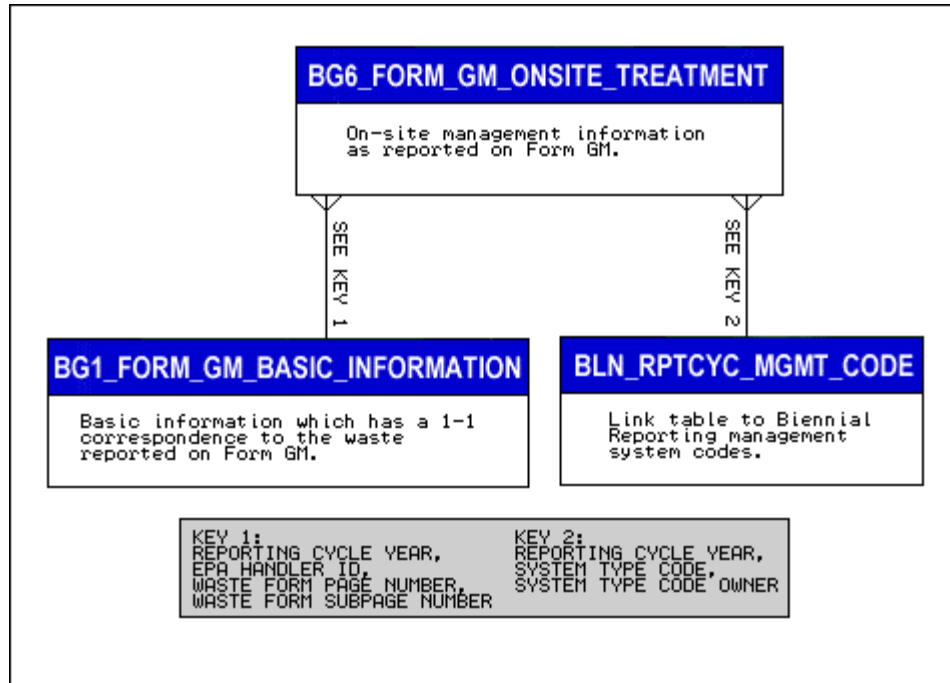
Data Elements for BG6_FORM_GM_ONSITE_TREATMENT:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-----------------------------------------------------------|--------------|--------------|
| 6 | 29 | Quantity of Waste Managed On-Site | Numeric | 13 (10.2) |
| 7 | 42 | Quantity of Waste Managed On-Site in Tons | Numeric | 18 (9.8) |
| 8 | 60 | System Type Owner | Alphanumeric | 2 |
| 9 | 62 | System Type For Waste Managed On-Site | Alphanumeric | 4 |

Relationships

Always DESCRIBES One [BG1_FORM_GM_BASIC_INFORMATION](#)

Entity Relationship Diagram



Reporting Cycle Year

Table: BG6_FORM_GM_ONSITE_TREATMENT

Data Element Name: Reporting Cycle Year

Description: Foreign key to [FK_BS123_FORM_IFK_BREPORT_CYCL](#) in [BG1_FORM_GM_BASIC_INFORMATION](#).

Handler Identification Number

Table: BG6_FORM_GM_ONSITE_TREATMENT

Data Element Name: Handler Identification Number

Description: Foreign key to [FK_BS123_FORM_IHID_NUM](#) in [BG1_FORM_GM_BASIC_INFORMATION](#).

Source: Site ID block

Hazardous Waste Stream Form Page Number

Table: BG6_FORM_GM_ONSITE_TREATMENT

Data Element Name: Hazardous Waste Stream Form Page Number
Description: Foreign key to [HZ_PG in BG1_FORM_GM_BASIC_INFORMATION.](#)
Source: Assigned by respondent

Waste Subpage Number

Table: BG6_FORM_GM_ONSITE_TREATMENT

Data Element Name: Waste Subpage Number
Description: Foreign key to [SUB_PG_NUM in BG1_FORM_GM_BASIC_INFORMATION.](#)
Source: System-generated

System Type Page Number

Table: BG6_FORM_GM_ONSITE_TREATMENT

Data Element Name: System Type Page Number
Description: Sequence number for [On-Site Treatment System](#) on Form GM.
Source: System-generated
Format: NUMBER(5)
Allowed Values: 1 - 6

Quantity of Waste Managed On-Site

Table: BG6_FORM_GM_ONSITE_TREATMENT

| | |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Data Element Name: | Quantity of Waste Managed On-Site |
| Description: | Quantity of waste described in Section I of Form GM that was treated, disposed, discharged, or recycled on-site during the current reporting year. |
| Source: | Form GM, Section II, On-site Process System 1 and 2, Quantity treated, disposed, or recycled on site. |
| Format: | NUMBER(13,2) |
| Allowed Values: | 0.00 - 9999999999.99 |

Quantity of Waste Managed On-Site in Tons

Table: BG6_FORM_GM_ONSITE_TREATMENT

| | |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data Element Name: | Quantity of Waste Managed On-Site in Tons |
| Description: | Quantity of waste described in Section I of Form GM that was treated, disposed, discharged, or recycled on-site during the current reporting year, converted to tons. |
| Source: | Calculated |
| Format: | NUMBER(18,8) |
| Allowed Values: | 0 - 9999999999.99999999 |

System Type Owner

Table: BG6_FORM_GM_ONSITE_TREATMENT

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | System Type Owner |
| <u>Description:</u> | Indicates the agency that owns the data record |
| <u>Source:</u> | System-generated |
| <u>Format:</u> | CHAR(2) |
| <u>Allowed Values:</u> | HQ Nationally Required US Nationally Defined 01 - 10 Regions State postal code |

System Type for Waste Managed On-Site

Table: BG6_FORM_GM_ONSITE_TREATMENT

| | |
|---------------------------|-----------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | System Type for Waste Managed On-Site |
| <u>Description:</u> | System Type for Waste Managed On-Site |
| <u>Source:</u> | Form GM, Section II, On-site Process System 1 and 2, On-site system process type. |
| <u>Format:</u> | VARCHAR2(4) |
| <u>Allowed Values:</u> | Click here to see Nationally Defined Values. |

USOG7 - BG7_FORM_GM_WASTE_DESCRIPTIONS

Primary Key for BG7_FORM_GM_WASTE_DESCRIPTIONS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | Waste Description Sequence Number | Integer | 2 |

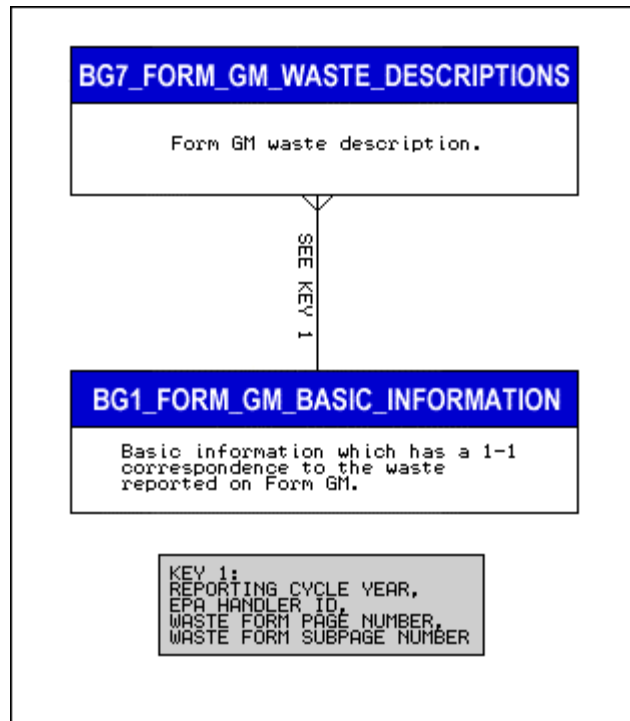
Data Elements for BG7_FORM_GM_WASTE_DESCRIPTIONS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-----------------------------------------------|--------------|------|
| 6 | 26 | Waste Description - Narrative | Alphanumeric | 60 |

Relationships

Always DESCRIBES One [BG1_FORM_GM_BASIC_INFORMATION](#)

Entity Relationship Diagram



Reporting Cycle Year

Table: BG7_FORM_GM_WASTE_DESCRIPTIONS

| | |
|---------------------------|------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Reporting Cycle Year |
| <u>Description:</u> | Foreign key to FK_BS123_FORM_IFK_BREPORT_CYCL in BG1_FORM_GM_BASIC_INFORMATION . |
| <u>Source:</u> | System-generated |

Handler Identification Number

Table: BG7_FORM_GM_WASTE_DESCRIPTIONS

Data Element Name: Handler Identification Number
Description: Foreign key to [FK_BS123_FORM_IHID_NUM](#) in [BG1_FORM_GM_BASIC_INFORMATION](#).
Source: Site ID block

Hazardous Waste Stream Form Page Number

Table: BG7_FORM_GM_WASTE_DESCRIPTIONS

Data Element Name: Hazardous Waste Stream Form Page Number
Description: Foreign key to [HZ_PG](#) in [BG1_FORM_GM_BASIC_INFORMATION](#).
Source: Assigned by respondent

Waste Subpage Number

Table: BG7_FORM_GM_WASTE_DESCRIPTIONS

Data Element Name: Waste Subpage Number
Description: Foreign key to [SUB_PG_NUM](#) in [BG1_FORM_GM_BASIC_INFORMATION](#).
Source: System-generated

Waste Description Sequence Number

Table: BG7_FORM_GM_WASTE_DESCRIPTIONS

| | |
|---------------------------|---------------------------------------------|
| <u>Data Element Name:</u> | Waste Description Sequence Number |
| <u>Description:</u> | Sequence number for description on GM Form. |
| <u>Source:</u> | System-generated |
| <u>Format:</u> | NUMBER(2) |
| <u>Allowed Values:</u> | 1 - 12 |

Waste Description - Narrative

Table: BG7_FORM_GM_WASTE_DESCRIPTIONS

| | |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Waste Description - Narrative |
| <u>Description:</u> | A narrative description of the waste citing general type, source, type of hazard, and generic chemical name or primary hazardous constituents. |
| <u>Source:</u> | Form GM, Section I, Part A |
| <u>Format:</u> | VARCHAR2(60) |
| <u>Allowed Values:</u> | N/A |

USOG8 - BG8_FORM_GM_COMMENTS

Primary Key for BG8_FORM_GM_COMMENTS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | Comment Sequence Number | Integer | 2 |

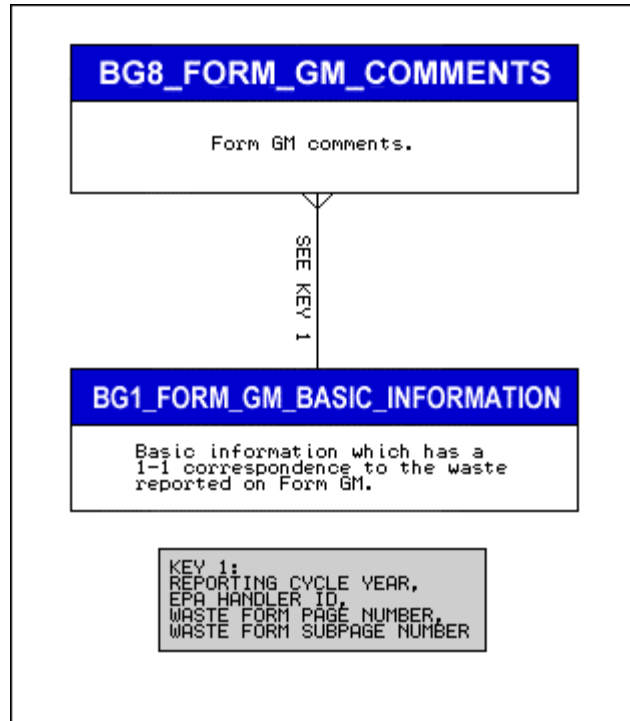
Data Elements for BG8_FORM_GM_COMMENTS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-------------------------------|--------------|------|
| 6 | 26 | Comments - GM | Alphanumeric | 60 |

Relationships

Always DESCRIBES One [BG1_FORM_GM_BASIC_INFORMATION](#)

Entity Relationship Diagram



Reporting Cycle Year

Table: BG8_FORM_GM_COMMENTS

Data Element Name:

Reporting Cycle Year

Description:

Foreign key to [FK_BS123_FORM_IFK_BREPORT_CYCL](#) in [BG1_FORM_GM_BASIC_INFORMATION](#).

Source:

System-generated

Handler Identification Number

Table: BG8_FORM_GM_COMMENTS

| | |
|---------------------------|----------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Handler Identification Number |
| <u>Description:</u> | Foreign key to FK_BS123_FORM_IHID_NUM in BG1_FORM_GM_BASIC_INFORMATION . |
| <u>Source:</u> | Site ID block |

Hazardous Waste Stream Form Page Number

Table: BG8_FORM_GM_COMMENTS

| | |
|---------------------------|-----------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Hazardous Waste Stream Form Page Number |
| <u>Description:</u> | Foreign key to HZ_PG in BG1_FORM_GM_BASIC_INFORMATION . |
| <u>Source:</u> | Assigned by respondent |

Waste Subpage Number

Table: BG8_FORM_GM_COMMENTS

| | |
|---------------------------|----------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Waste Subpage Number |
| <u>Description:</u> | Foreign key to SUB_PG_NUM in BG1_FORM_GM_BASIC_INFORMATION . |
| <u>Source:</u> | System-generated |

Comment Sequence Number

Table: BG8_FORM_GM_COMMENTS

| | |
|---------------------------|---------------------------------------------------------|
| <u>Data Element Name:</u> | Comment Sequence Number |
| <u>Description:</u> | Sequence number for Comment on Form GM. |
| <u>Source:</u> | System-generated |
| <u>Format:</u> | NUMBER(2) |
| <u>Allowed Values:</u> | 1 - 12 |

Comments - GM

Table: BG8_FORM_GM_COMMENTS

| | |
|---------------------------|--------------------------------------------|
| <u>Data Element Name:</u> | Comments - GM |
| <u>Description:</u> | User comments pertaining to the GM record. |
| <u>Source:</u> | Form GM comments |
| <u>Format:</u> | VARCHAR2(60) |
| <u>Allowed Values:</u> | N/A |

USOR1 - BR1_BASIC_FORM_WR_INFO

Primary Key for BR1_BASIC_FORM_WR_INFO:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |

Data Elements for BR1_BASIC_FORM_WR_INFO:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|--------------------------------------------------------|--------------|--------------|
| 5 | 24 | Waste Form Code | Alphanumeric | 4 |
| 6 | 28 | Waste Quantity Density | Numeric | 5 (2.2) |
| 7 | 33 | Waste Quantity Density Unit of Measure | Alphanumeric | 1 |
| 8 | 34 | RCRA-Radioactive Mixed | Alphanumeric | 1 |
| 9 | 35 | TDR Identification Number | Alphanumeric | 12 |
| 10 | 47 | TDR Quantity | Numeric | 13 (10.2) |
| 11 | 60 | TDR Quantity in Tons | Numeric | 18 (9.8) |
| 12 | 78 | System Type Owner | Alphanumeric | 2 |
| 13 | 80 | System Type Code | Alphanumeric | 4 |
| 14 | 84 | Unit of Measure Owner | Alphanumeric | 2 |
| 15 | 86 | Waste Quantity Unit of Measure | Alphanumeric | 1 |

Relationships

Always DESCRIBES One [BS123_FORM_IC_PART1](#)

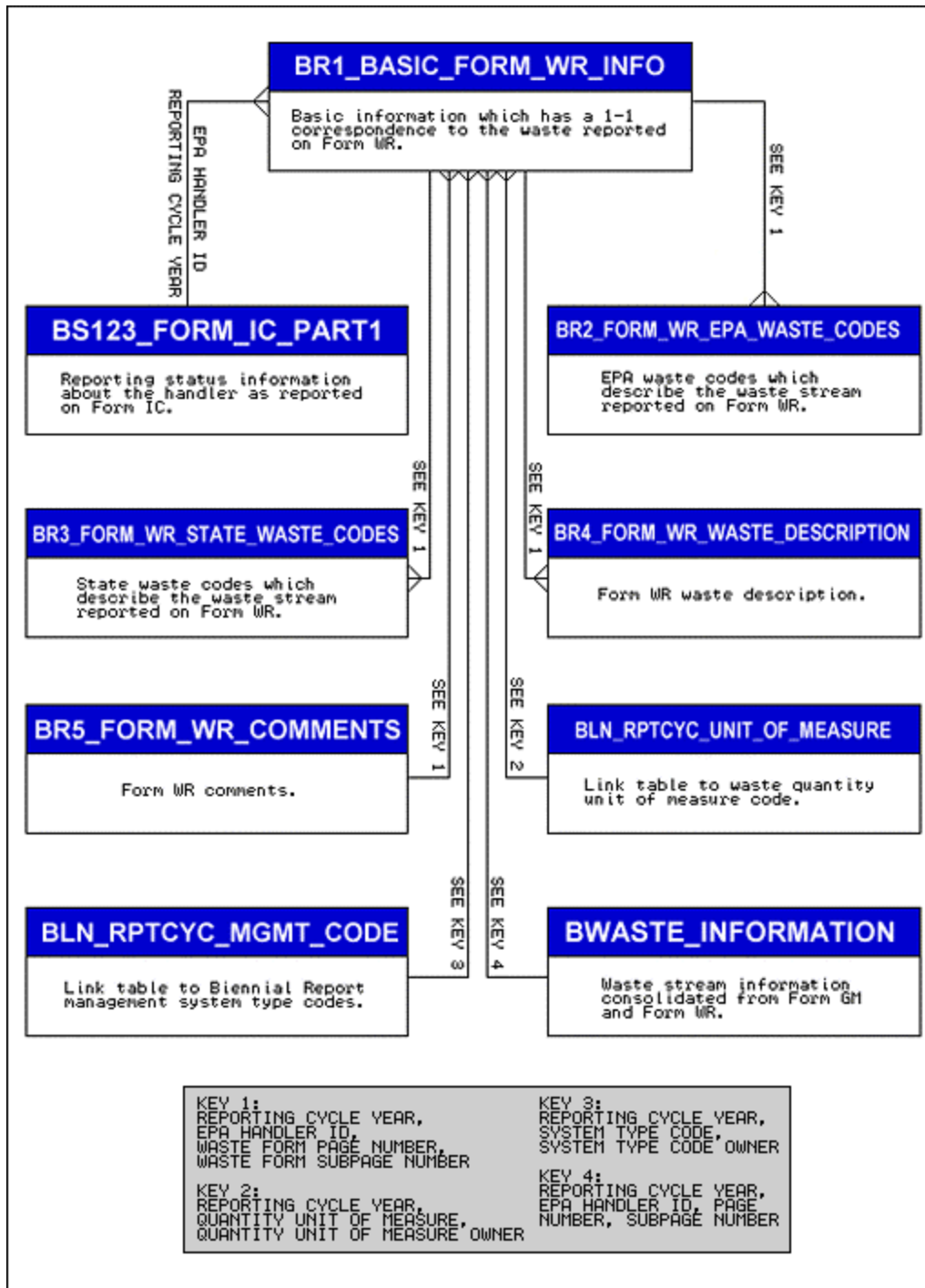
Sometimes IS_DESCRIBED_BY One or More [BR2_FORM_WR_EPA_WASTE_CODES](#)

Sometimes IS_DESCRIBED_BY One or More [BR3_FORM_WR_STATE_WASTE_CODES](#)

Sometimes IS_DESCRIBED_BY One or More [BR4_FORM_WR_WASTE_DESCRIPTION](#)

Sometimes IS_DESCRIBED_BY One or More [BR5_FORM_WR_COMMENTS](#)

Entity Relationship Diagram



Reporting Cycle Year

Table: BR1_BASIC_FORM_WR_INFO

Data Element Name: Reporting Cycle Year
Description: Foreign key to [FK_BREPORT_CYCLYEAR in BS123_FORM_IC_PART1](#)

Handler Identification Number

Table: BR1_BASIC_FORM_WR_INFO

Data Element Name: Handler Identification Number
Description: Foreign key to [HID_NUM in BS123_FORM_IC_PART1](#).
Source: Form WR ID Block

Hazardous Waste Stream Form Page Number

Table: BR1_BASIC_FORM_WR_INFO

Data Element Name: Hazardous Waste Stream Form Page Number
Description: Page number of the form used to enter the information in the Stream segment and all child segments of Stream.
Source: Assigned by respondent (Form WR, bottom-right of page)
Format: NUMBER(5)
Allowed Values: 0 - 99999

Waste Subpage Number

Table: BR1_BASIC_FORM_WR_INFO

| | |
|---------------------------|-------------------------|
| <u>Data Element Name:</u> | Waste Subpage Number |
| <u>Description:</u> | System-generated value. |
| <u>Source:</u> | Printed on WR Form. |
| <u>Format:</u> | NUMBER(2) |
| <u>Allowed Values:</u> | 01, 02, or 03 |

Waste Form Code

Table: BR1_BASIC_FORM_WR_INFO

| | |
|---------------------------|---------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Waste Form Code |
| <u>Description:</u> | Code that best corresponds to the physical state of the hazardous waste stream. |
| <u>Source:</u> | Form WR, Part G |
| <u>Format:</u> | VARCHAR2(4) |
| <u>Allowed Values:</u> | Click here to see Nationally Defined Values. |

Waste Quantity Density Unit of Measure

Table: BR1_BASIC_FORM_WR_INFO

| | | | | | | | |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------|---|------------------|-------|------------------------------------------------------------|
| <u>Data Element Name:</u> | Waste Quantity Density Unit of Measure | | | | | | |
| <u>Description:</u> | Code indicating whether waste quantity density is measured in pounds per gallon or specific gravity. | | | | | | |
| <u>Source:</u> | Form WR, Part F, "Density," UOM | | | | | | |
| <u>Format:</u> | CHAR(1) | | | | | | |
| <u>Allowed Values:</u> | <table> <tr> <td>1</td> <td>lbs/gallon</td> </tr> <tr> <td>2</td> <td>specific gravity</td> </tr> <tr> <td>blank</td> <td>Waste was not measured in gallons, liters, or cubic yards.</td> </tr> </table> | 1 | lbs/gallon | 2 | specific gravity | blank | Waste was not measured in gallons, liters, or cubic yards. |
| 1 | lbs/gallon | | | | | | |
| 2 | specific gravity | | | | | | |
| blank | Waste was not measured in gallons, liters, or cubic yards. | | | | | | |

(See [Waste Quantity Unit of Measure](#)).

Waste Quantity Density

Table: BR1_BASIC_FORM_WR_INFO

| | | | | | |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------|-------|-------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Waste Quantity Density | | | | |
| <u>Description:</u> | Density of the waste stream in pounds/gallons or specific gravity. | | | | |
| <u>Source:</u> | Form WR, Part F, "Density" | | | | |
| <u>Format:</u> | NUMBER(5,2) | | | | |
| <u>Allowed Values:</u> | <table> <tr> <td>0 or 0.01 - 99.99</td> <td>If waste was measured in gallons, liters, or cubic yards.</td> </tr> <tr> <td>blank</td> <td>If waste was measured in pounds, short tons, kilograms, or metric tons.</td> </tr> </table> | 0 or 0.01 - 99.99 | If waste was measured in gallons, liters, or cubic yards. | blank | If waste was measured in pounds, short tons, kilograms, or metric tons. |
| 0 or 0.01 - 99.99 | If waste was measured in gallons, liters, or cubic yards. | | | | |
| blank | If waste was measured in pounds, short tons, kilograms, or metric tons. | | | | |

(See [Waste Quantity Unit of Measure](#)).

RCRA-Radioactive Mixed

Table: BR1_BASIC_FORM_WR_INFO

| | |
|---------------------------|----------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | RCRA-Radioactive Mixed |
| <u>Description:</u> | Code that indicates if the hazardous waste is mixed with nuclear waste or by-products. |
| <u>Source:</u> | Form WR, Part H |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | 1 Yes 2 No |

TDR Identification Number

Table: BR1_BASIC_FORM_WR_INFO

| | |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | TDR Identification Number |
| <u>Description:</u> | Number assigned by EPA or the state that uniquely identifies the generating site. If the generating site is regulated under federal RCRA requirements, this ID number must be the EPA Identification Number. If the facility is not regulated under the federal program, state or other ID number will be entered. |
| <u>Source:</u> | Form WR, Part D |
| <u>Format:</u> | VARCHAR2(12) |
| <u>Allowed Values:</u> | <ul style="list-style-type: none">• The first two characters must be a valid state postal code which corresponds to the state in which the facility is located.• The allowed values for the third digit are: 0-9 and A-Z• The allowed values for the last nine characters are numeric (0-9)• For Dun and Bradstreet EPA IDs the last character is a computer verified check digit.3• For GSA EPA IDs the third character is a computer verified check digit. |

TDR Quantity

Table: BR1_BASIC_FORM_WR_INFO

| | |
|---------------------------|------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | TDR Quantity |
| <u>Description:</u> | The total quantity of the waste described that was received during the current reporting year. |
| <u>Source:</u> | Form WR, Part E |
| <u>Format:</u> | NUMBER(13,2) |
| <u>Allowed Values:</u> | 0.00 - 9999999999.99 |

TDR Quantity in Tons

Table: BR1_BASIC_FORM_WR_INFO

| | |
|---------------------------|-------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | TDR Quantity in Tons |
| <u>Description:</u> | The total quantity of the waste described that was received during the current reporting year, converted to tons. |
| <u>Source:</u> | Calculated |
| <u>Format:</u> | NUMBER(18,8) |
| <u>Allowed Values:</u> | 0 - 9999999999.99999999 |

System Type Owner

Table: BR1_BASIC_FORM_WR_INFO

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | System Type Owner |
| <u>Description:</u> | Indicates the agency that owns the data record |
| <u>Source:</u> | System-generated |
| <u>Format:</u> | CHAR(2) |
| <u>Allowed Values:</u> | HQ Nationally Required US Nationally Defined 01 - 10 Regions State postal code |

System Type Code

Table: BR1_BASIC_FORM_WR_INFO

| | |
|---------------------------|--------------------------------|
| <u>Data Element Name:</u> | System Type Code |
| <u>Description:</u> | System Type Code |
| <u>Source:</u> | Form WR, Part I |
| <u>Format:</u> | VARCHAR2(4) |
| <u>Allowed Values:</u> | See Nationally Defined Values. |

Unit of Measure Owner

Table: BR1_BASIC_FORM_WR_INFO

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Unit of Measure Owner |
| <u>Description:</u> | Indicates the agency that owns the data record |
| <u>Source:</u> | System-generated |
| <u>Format:</u> | CHAR(2) |
| <u>Allowed Values:</u> | HQ Nationally Required US Nationally Defined 01 - 10 Regions State postal code |

Waste Quantity Unit of Measure

Table: BR1_BASIC_FORM_WR_INFO

| | |
|---------------------------|--------------------------------|
| <u>Data Element Name:</u> | Waste Quantity Unit of Measure |
| <u>Description:</u> | Waste Quantity Unit of Measure |
| <u>Source:</u> | Form WR, Part F |
| <u>Format:</u> | CHAR(1) |
| <u>Allowed Values:</u> | See Nationally Defined Values. |

USOR2 - BR2_FORM_WR_EPA_WASTE_CODES

Primary Key for BR2_FORM_WR_EPA_WASTE_CODES:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|----------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | EPA Hazardous Waste Code Sequence Number | Integer | 3 |

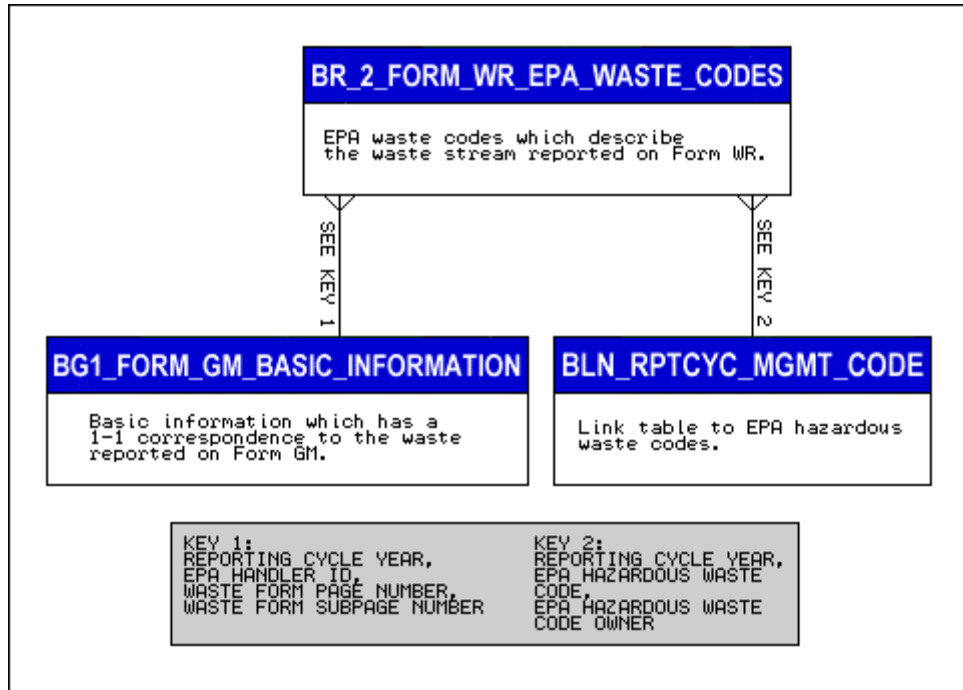
Data Elements for BR2_FORM_WR_EPA_WASTE_CODES:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|------------------------------------------------|--------------|------|
| 6 | 27 | EPA Hazardous Waste Code Owner | Alphanumeric | 4 |
| 7 | 31 | EPA Hazardous Waste Code | Alphanumeric | 2 |

Relationships

Always DESCRIBES One [BR1_BASIC_FORM_WR_INFO](#)

Entity Relationship Diagram



Reporting Cycle Year

Table: BR2_FORM_WR_EPA_WASTE_CODES

Data Element Name:

Reporting Cycle Year

Description:

Foreign key to [FK_BS123_FORM_IFK_BREPORT_CYCL](#) in [BR1_BASIC_FORM_WR_INFO](#).

Handler Identification Number

Table: BR2_FORM_WR_EPA_WASTE_CODES

Data Element Name:

Handler Identification Number

Description:

Foreign key to [FK_BS123_FORM_IHID_NUM](#) in [BR1_BASIC_FORM_WR_INFO](#).

Hazardous Waste Stream Form Page Number

Table: BR2_FORM_WR_EPA_WASTE_CODES

Data Element Name: Hazardous Waste Stream Form Page Number
Description: Foreign key to [HZ_PG in BR1_BASIC_FORM_WR_INFO](#).

Waste Subpage Number

Table: BR2_FORM_WR_EPA_WASTE_CODES

Data Element Name: Waste Subpage Number
Description: Foreign key to [SUB_PG_NUM in BR1_BASIC_FORM_WR_INFO](#).

EPA Hazardous Waste Code Sequence Number

Table: BR2_FORM_WR_EPA_WASTE_CODES

Data Element Name: EPA Hazardous Waste Code Sequence Number
Description: Sequence number for EPA Waste Codes on Form GM.
Source: System-generated
Format: NUMBER(3)
Allowed Values: 1 - 25

EPA Hazardous Waste Code Owner

Table: BR2_FORM_WR_EPA_WASTE_CODES

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | EPA Hazardous Waste Code Owner |
| <u>Description:</u> | Indicates the agency that owns the data record |
| <u>Source:</u> | System-generated |
| <u>Format:</u> | CHAR(2) |
| <u>Allowed Values:</u> | HQ Nationally Required US Nationally Defined 01 - 10 Regions State postal code |

EPA Hazardous Waste Code

Table: BR2_FORM_WR_EPA_WASTE_CODES

| | |
|---------------------------|--------------------------------------------------------------|
| <u>Data Element Name:</u> | EPA Hazardous Waste Code |
| <u>Description:</u> | EPA Hazardous Waste Code |
| <u>Source:</u> | Form WR, Part B |
| <u>Format:</u> | CHAR(4) |
| <u>Allowed Values:</u> | Click here to see Nationally Defined Values. |

USOR3 - BR3_FORM_WR_STATE_WASTE_CODES

Primary Key for BR3_FORM_WR_STATE_WASTE_CODES:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | State Waste Code Sequence Number | Integer | 3 |

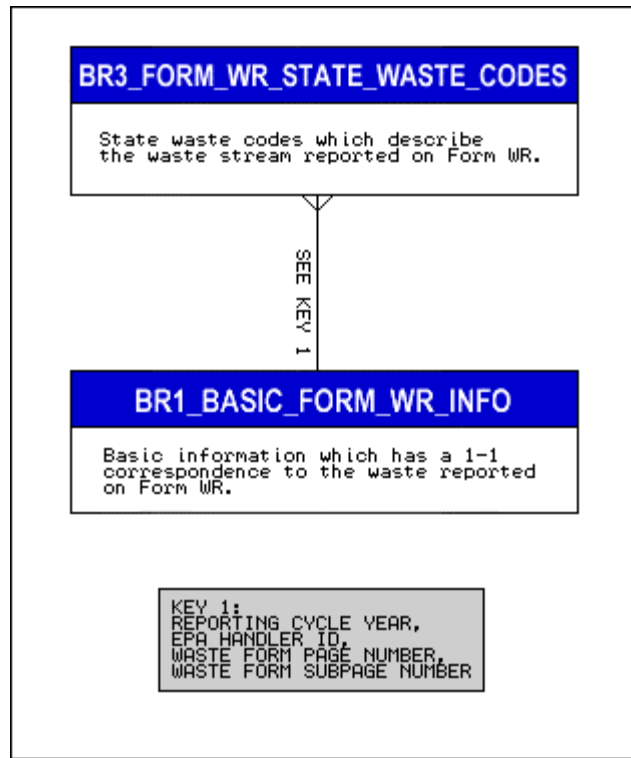
Data Elements for BR3_FORM_WR_STATE_WASTE_CODES:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|----------------------------------|--------------|------|
| 6 | 27 | State Waste Code | Alphanumeric | 6 |

Relationships

Always DESCRIBES One [BR1_BASIC_FORM_WR_INFO](#)

Entity Relationship Diagram



Reporting Cycle Year

Table: BR3_FORM_WR_STATE_WASTE_CODES

Data Element Name: Reporting Cycle Year
Description: Foreign key to [FK_BS123_FORM_IFK_BREPORT_CYCL](#) in [BR1_BASIC_FORM_WR_INFO](#).

Handler Identification Number

Table: BR3_FORM_WR_STATE_WASTE_CODES

Data Element Name: Handler Identification Number
Description: Foreign key to [FK_BS123_FORM_IHID_NUM](#) in [BR1_BASIC_FORM_WR_INFO](#).

Hazardous Waste Stream Form Page Number

Table: BR3_FORM_WR_STATE_WASTE_CODES

Data Element Name: Hazardous Waste Stream Form Page Number
Description: Foreign key to [HZ_PG in BR1_BASIC_FORM_WR_INFO](#).

Waste Subpage Number

Table: BR3_FORM_WR_STATE_WASTE_CODES

Data Element Name: Waste Subpage Number
Description: Foreign key to [SUB_PG_NUM in BR1_BASIC_FORM_WR_INFO](#).

State Waste Code Sequence Number

Table: BR3_FORM_WR_STATE_WASTE_CODES

Data Element Name: State Waste Code Sequence Number
Description: Sequence number for State Waste Codes on Form WR.
Source: System-generated
Format: NUMBER(3)
Allowed Values: 1 - 12

State Waste Code

Table: BR3_FORM_WR_STATE_WASTE_CODES

| | |
|---------------------------|----------------------------------------------------------------|
| <u>Data Element Name:</u> | State Waste Code |
| <u>Description:</u> | State Hazardous Waste Code that applies to the waste reported. |
| <u>Source:</u> | Form WR, Part C |
| <u>Format:</u> | VARCHAR2(6) |
| <u>Allowed Values:</u> | N/A |

USOR4 - BR4_FORM_WR_WASTE_DESCRIPTION

Primary Key for BR4_FORM_WR_WASTE_DESCRIPTION:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | Waste Description Sequence Number | Integer | 2 |

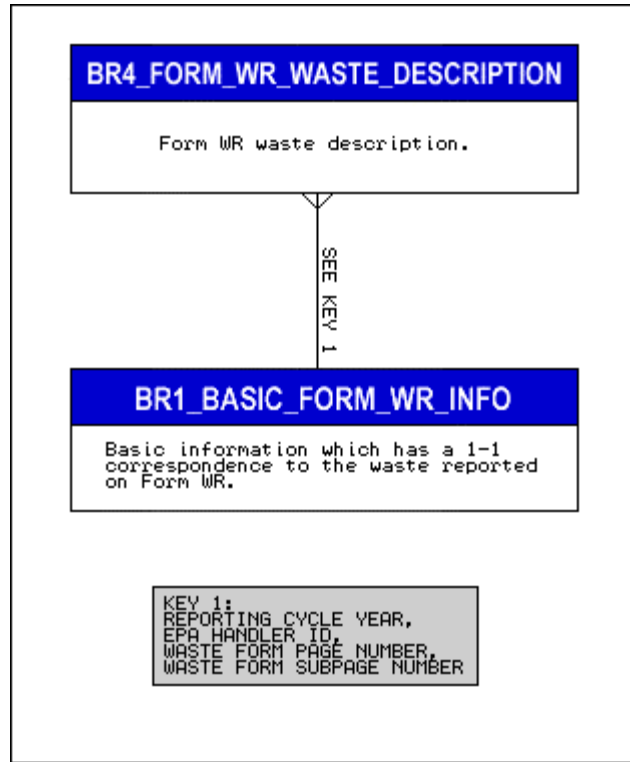
Data Elements for BR4_FORM_WR_WASTE_DESCRIPTION:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-----------------------------------------------|--------------|------|
| 6 | 26 | Waste Description - Narrative | Alphanumeric | 60 |

Relationships

Always DESCRIBES One [BR1_BASIC_FORM_WR_INFO](#).

Entity Relationship Diagram



Reporting Cycle Year

Table: BR4_FORM_WR_WASTE_DESCRIPTION

Data Element Name:

Reporting Cycle Year

Description:

Foreign key to [FK_BS123_FORM_IFK_BREPORT_CYCL](#) in [BR1_BASIC_FORM_WR_INFO](#).

Handler Identification Number

Table: BR4_FORM_WR_WASTE_DESCRIPTION

Data Element Name: Handler Identification Number
Description: Foreign key to [FK_BS123_FORM_IHID_NUM](#) in [BR1_BASIC_FORM_WR_INFO](#).

Hazardous Waste Stream Form Page Number

Table: BR4_FORM_WR_WASTE_DESCRIPTION

Data Element Name: Hazardous Waste Stream Form Page Number
Description: Foreign key to [HZ_PG](#) in [RM_WR_INFO](#).

Waste Subpage Number

Table: BR4_FORM_WR_WASTE_DESCRIPTION

Data Element Name: Waste Subpage Number
Description: Foreign key to [SUB_PG_NUM](#) in [BR1_BASIC_FORM_WR_INFO](#).

Waste Description Sequence Number

Table: BR4_FORM_WR_WASTE_DESCRIPTION

Data Element Name: Waste Description Sequence Number
Description: Sequence number for description on WR Form.
Source: System-generated
Format: NUMBER(2)
Allowed Values: 1 - 12

Waste Description - Narrative

Table: BR4_FORM_WR_WASTE_DESCRIPTIONS

| | |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Data Element Name:</u> | Waste Description - Narrative |
| <u>Description:</u> | A narrative description of the waste citing general type, source, type of hazard, and generic chemical name or primary hazardous constituents. |
| <u>Source:</u> | Form WR, Part A |
| <u>Format:</u> | VARCHAR2(60) |
| <u>Allowed Values:</u> | N/A |

USOR5 - BR5_FORM_WR_COMMENTS

Primary Key for BR5_FORM_WR_COMMENTS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|---------------------------------------------------------|--------------|------|
| 1 | 1 | Reporting Cycle Year | Integer | 4 |
| 2 | 5 | Handler Identification Number | Alphanumeric | 12 |
| 3 | 17 | Hazardous Waste Stream Form Page Number | Integer | 5 |
| 4 | 22 | Waste Subpage Number | Integer | 2 |
| 5 | 24 | Comment Sequence Number | Integer | 2 |

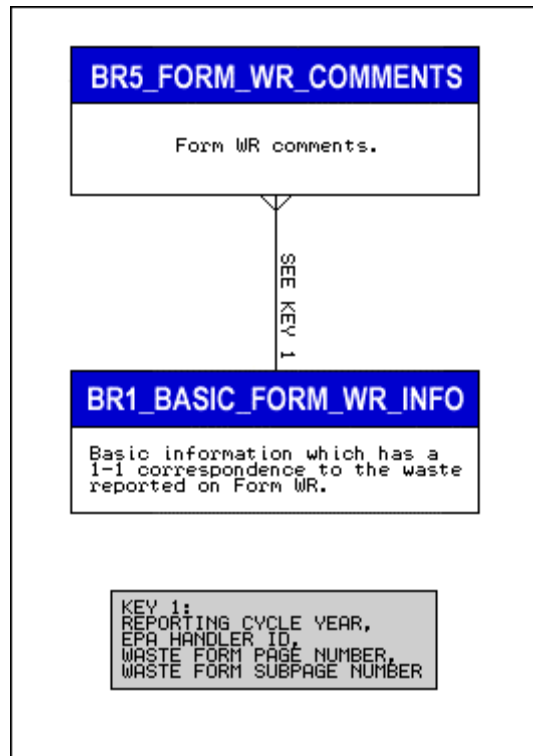
Data Elements for BR5_FORM_WR_COMMENTS:

| No. | Pos. | Data Element Name | Type | Size |
|-----|------|-------------------------------|--------------|------|
| 6 | 26 | Comments - WR | Alphanumeric | 60 |

Relationships

Always DESCRIBES One [BR1_BASIC_FORM_WR_INFO](#)

Entity Relationship Diagram



Reporting Cycle Year

Table: BR5_FORM_WR_COMMENTS

Data Element Name:

Reporting Cycle Year

Description:

Foreign key to [FK_BS123_FORM_IFK_BREPORT_CYCL](#) in [BR1_BASIC_FORM_WR_INFO](#).

Handler Identification Number

Table: BR5_FORM_WR_COMMENTS

Data Element Name: Handler Identification Number
Description: Foreign key to [FK_BS123_FORM_IHID_NUM](#) in [BR1_BASIC_FORM_WR_INFO](#).

Hazardous Waste Stream Form Page Number

Table: BR5_FORM_WR_COMMENTS

Data Element Name: Hazardous Waste Stream Form Page Number
Description: Foreign key to [HZ_PG](#) in [BR1_BASIC_FORM_WR_INFO](#).

Waste Subpage Number

Table: BR5_FORM_WR_COMMENTS

Data Element Name: Waste Subpage Number
Description: Foreign key to [SUB_PG_NUM](#) in [BR1_BASIC_FORM_WR_INFO](#).

Comment Sequence Number

Table: BR5_FORM_WR_COMMENTS

Data Element Name: Comment Sequence Number
Description: Sequence number from comment on Form GM.
Source: System-generated
Format: NUMBER(2)
Allowed Values: 1 - 12

Comments - WR

Table: BR5_FORM_WR_COMMENTS

| | |
|---------------------------|--------------------------------------------|
| <u>Data Element Name:</u> | Comments - WR |
| <u>Description:</u> | User comments pertaining to the WR record. |
| <u>Source:</u> | Form WR comments |
| <u>Format:</u> | VARCHAR2(60) |
| <u>Allowed Values:</u> | N/A |

Nationally Defined Values for EPA Hazardous Waste Code

Waste Code Categories:

- [Characteristics of Hazardous Waste](#)
- [Hazardous Waste from Nonspecific Sources](#)
- [Hazardous Waste from Specific Sources](#)
- Discarded Commercial Chemical Products, Off-Specification Species, Container Residuals, and Spill Residues Thereof
 - [Acute Hazardous Waste](#)
 - [Toxic Wastes](#)

CHARACTERISTICS OF HAZARDOUS WASTE (SEE 40 CFR 261.24)

| Code | Description |
|------|----------------------|
| 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 | Trichloroethylene |
| D041 | 2,4,5-Trichlorophenol |
| D042 | 2,4,6-Trichlorophenol |
| D043 | Vinyl chloride |

HAZARDOUS WASTE FROM NONSPECIFIC SOURCES (SEE 40 CFR 261.31)

| Code | Description |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F001 | The following spent halogenated solvents used in degreasing: tetrachloroethylene, trichloroethylene, 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. |
| 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 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 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 | 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. |
| 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. |

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| 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. |
| 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. |

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| 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. |
| 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 |

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| | 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. |
| 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. |
| K156 | Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decantates) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2propynyl n-butylcarbamate.). |
| K157 | Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the |

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| | production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2propynyl n-butylcarbamate.). |
| K158 | Bag house and filter/separation solids from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2propynyl n-butylcarbamate.). |
| K159 | Organics from the treatment of thiocarbamate wastes. |
| K161 | Purification solids (including filtration, evaporation, and centrifugation solids), bag house dust and floor sweepings from the production of dithiocarbamate acids and their salts. (This listing does not include K125 or K126) |
| K174 | Wastewater treatment sludges from the production of ethylene dichloride or vinyl chloride monomer (including sludges that result from commingled ethylene dichloride or vinyl chloride monomer wastewater and other wastewater), unless the sludges meet the following conditions: (i) they are disposed of in a subtitle C or non-hazardous landfill licensed or permitted by the state or federal government; (ii) they are not otherwise placed on the land prior to final disposal; and (iii) the generator maintains documentation demonstrating that the waste was either disposed of in an on-site landfill or consigned to a transporter or disposal facility that provided a written commitment to dispose of the waste in an off-site landfill. Respondents in any action brought to enforce the requirements of subtitle C must, upon a showing by the government that the respondent managed wastewater treatment sludges from the production of vinyl chloride monomer or ethylene dichloride, demonstrate that they meet the terms of the exclusion set forth above. In doing so, they must provide appropriate documentation (e.g., contracts between the generator and the landfill owner/ operator, invoices documenting delivery of waste to landfill, etc.) that the terms of the exclusion were met. |
| K175 | Wastewater treatment sludges from the production of vinyl chloride monomer using mercuric chloride catalyst in an acetylene-based process. |

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 | 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) |

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| 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)- |

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| 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 |
| 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 |

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| P048 | 2,4-Dinitrophenol |
| P048 | Phenol, 2,4-dinitro- |
| P049 | Dithiobiuret |
| P049 | Thioimidodicarbonic diamide [(H ₂ N)C(S)] ₂ NH |
| 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 |
| P067 | 1,2-Propylenimine |
| P067 | Aziridine, 2-methyl- |
| P068 | Hydrazine, methyl- |

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| P068 | Methyl hydrazine |
| P069 | 2-Methylactonitrile |
| 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 | Diphosphoramidate, octamethyl- |
| P085 | Octamethylpyrophosphoramidate |
| 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 |

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| 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 |
| 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) |

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| 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 |
| P127 | 7-Benzofuranol, 2-3dihydro-2,2-dimethyl-, methylcarbamate |
| P127 | Carbofuran. |
| P127 | 7-Benzofuranol, 2, 3-dihydro-2, 2 dimethyl-, methylcarbamate |
| P128 | Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester) |
| P128 | Mexacarbate |
| P185 | 1,3-Dithiolane-2carboxaldehyde, 2,4-dimethyl-, O-[(methylamino)-carbonyl]oxime. |
| P188 | Physostigmine salicylate |
| P189 | Carbosulfan |
| P189 | Carbamic acid, [(dibutylamino)-thio]methyl-,2,3-dihydro-2,2dimethyl-7benzofuranylester. |
| P190 | Metolcarb. |
| P191 | Dimetilan |
| P191 | Carbamic acid, dimethyl-, 1-[(dimethyl-amino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester. |
| P192 | Isolan |
| P192 | Carbamic acid, dimethyl-, 3-methyl-1- (1-methylethyl)-1H-pyrazo-5-yl ester. |
| P194 | Ethanimidothioc acid, 2-(dimethylamino)-N-(((methylamino) carbonyl)oxy)-2-oxo-, methyl ester |
| P194 | Oxamyl |

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| P196 | Manganese, bis(dimethylcarbamodithioato-S,S') |
| P196 | Manganese dimethyldithiocarbamate |
| P197 | Formparanate |
| P197 | Methanimidamide, N,N-dimethyl-N'-[2-methyl-4[[[(methylamino)carbonyl]oxy] phenyl] |
| P198 | Methanimidamide, N,N-dimethyl-N'-[3-[[[(methylamino)-carbonyl]oxy]phenyl]-, monohydrochloride |
| P198 | Formetanate hydrochloride |
| P199 | Methiocarb. |
| P199 | Phenol, (3,5-dimethyl-4(methylthio)-, methylcarbamate |
| P201 | Promecarb |
| P201 | Phenol, 3-methyl-5-(1-methylethyl)-,methyl carbamate |
| P202 | Phenol, 3-(1 methylethyl)-, methyl carbamate |
| P202 | 3-Isopropylphenyl N-methylcarbamate |
| P202 | m-Cumenyl methylcarbamate |
| P203 | Aldicarb sulfone. |
| P203 | Propanal, 2-methyl-2-(methyl-sulfonyl)-,O-[(methylamino)carbonyl]oxime |
| P204 | Physostigmine |
| P204 | Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1, 3a,8-trimethylmethylcarbamate (ester), (3aS-cis)- |

DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF - TOXIC WASTES (SEE 40 CFR 261.33 FOR AN ALPHABETIZED LISTING)

| Code | Description |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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) |

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|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| U021 | Benzidine |
| U022 | Benzo[a]pyrene |
| U023 | Benzene, (trichloromethyl)- |
| U023 | Benzotrichloride (C,R,T) |

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|------|---------------------------------------------------------------------------------|
| 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 ₂ CrO 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 |

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|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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- |
| 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-lyxohexopyranosyl]oxy]-,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 |

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|------|----------------------------------------------------------------------------|
| U062 | Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester |
| U062 | Diallate |
| U063 | Dibenz[a,h]anthracene |
| U064 | Benzo[<i>rst</i>]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- |
| 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 |

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|------|----------------------------------------------------|
| 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 |

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|------|----------------------------------------------------------|
| 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) |
| U117 | Ethyl ether (I) |

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|------|---------------------------------------------------------------------------------------|
| 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 ₂ S |
| U136 | Arsinic acid, dimethyl- |
| U136 | Cacodylic acid |
| U137 | Indeno[1,2,3-cd]pyrene |

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|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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,4,5,5a,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) |

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|------|----------------------------------------------------|
| 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-Naphthalenamine |
| U167 | alpha-Naphthylamine |
| U168 | 2-Naphthalenamine |
| 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 |

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|------|------------------------------------------------------|
| 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 |
| U190 | Phthalic anhydride |
| U191 | 2-Picoline |
| U191 | Pyridine, 2-methyl- |
| U192 | Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)- |
| U192 | Pronamide |

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|------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 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) |

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|------|--------------------------------------------------------------------------------------------------------------------------------|
| 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 ₂ N)C(S)] ₂ S 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 |
| U248 | Warfarin, & salts, when present at concentrations of 0.3% or less |
| U249 | Zinc phosphide Zn ₃ P 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 |
| U364 | 1,3-Benzodioxol-4ol, 2,2-dimethyl |
| U364 | Bendiocarb phenol |
| U367 | 7-Benzofuranol, 2,3-dihydro-2,2-dimethyl- |
| U367 | Carbofuran phenol |
| U372 | Carbamic acid, 1H-benzimidazol-2-yl, methyl ester |
| U372 | Carbendazim |
| U373 | Carbamic acid, phenyl-, 1-methylethyl ester |
| U373 | Propham |
| U387 | Carbamothiocic acid, dipropyl-, S-(phenylmethyl) ester |
| U387 | Prosulfocarb |

| | |
|------|---------------------------------------------------------------------------------------|
| U389 | Triallate |
| U389 | Carbamothioic acid, bis (1-methylethyl)-, S-(2,3,3-trichloro-2propenyl) ester |
| U394 | Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo, methyl ester |
| U394 | A2213 |
| U395 | Diethylene glycol, dicarbamate |
| U395 | Ethanol, 2, 2;-oxybis-,dicarbamate |
| U404 | Ethanamine, N, N-diethyl- |
| U404 | Triethylamine |
| U409 | Thiophanate-methyl |
| U409 | Carbamic acid, (1,2-phenylenebis (iminocarbonothioyl)]bis-, dimethyl ester |
| U410 | Ethanimidothioic acid, N, N'- (thiobis[(methylimino)carbonyloxy]]bis-, dimethyl ester |
| U411 | Propoxur |
| U411 | Phenol, 2-(-1-methylethoxy)-, methylcarbamate |

Nationally Defined Values for Form Code

LAB PACKS

Lab Packs - Lab packs of mixed wastes, chemicals, lab wastes

| Code | Description |
|------|---------------------------------------------|
| 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

| Code | Description |
|------|-------------------------------------------------------|
| 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 | |
| Code | Description |
| 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 | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Code | Description |
| 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 | |
| Code | Description |
| 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 | |
| Code | Description |
| 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 | |
| Code | Description |
| 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 | |
| Code | Description |
| B701 | Inorganic gases |
| Organic Gases - Waste that is primarily organic with low-to-moderate inorganic content and is a gas at atmospheric pressure | |
| Code | Description |
| B801 | Organic gases |

Nationally Defined Values for Generator Activity Type

| Generator Activity Type Code | Generator Activity Type Description |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <p>Handlers which:</p> <ul style="list-style-type: none"> • Generate 1,000 kg or more of hazardous waste during any calendar month; or • Generate more than 1 kg of acutely hazardous waste during any calendar month; or • Generate more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or • Generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1 kg of acutely hazardous waste at any time; or • Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulated more than 100 kg of that material at any time. <p>Note: These handlers are considered Large Quantity Generators.</p> |
| 2 | <p>Handlers which:</p> <ul style="list-style-type: none"> • Generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or • Generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time. <p>Note: These handlers are considered Small Quantity Generators.</p> |

| | |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3 | <p>Handlers which:</p> <ul style="list-style-type: none"> • Generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or • Generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate at any time: <ul style="list-style-type: none"> ○ 1 kg or less of acutely hazardous waste; or ○ 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or • Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulate at any time: <ul style="list-style-type: none"> ○ 1 kg or less of acutely hazardous waste; or ○ 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste. <p>Note: These handlers are considered Conditionally Exempt Small Quantity Generators.</p> |
| N | Not a generator, verified |
| blank | Unverified |

Nationally Defined Values for Quantity Unit of Measure

| 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 |

Weight and Volume Conversions

| | | |
|-------------------|---|----------------------|
| 1 kilogram (kg) | = | 2.2046 pounds (lb) |
| 1 short ton | = | 2,000 lb |
| 1 metric tonne | = | 1,000 kg |
| 1 metric tonne | = | 1.1023 short tons |
| | | |
| 1 cubic meter (m) | = | 1.3079 cubic yards |
| 1 cubic yard (yd) | = | 27 cubic feet (ft) |
| 1 liter (l) | = | 0.2642 gallons (gal) |

Nationally Defined Values for SIC Code

AGRICULTURE

| AGRICULTURAL PRODUCTION - CROPS | |
|-------------------------------------|----------------------------------------------|
| Code | Description |
| 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 | |
| Code | Description |
| 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 specialties |

AGRICULTURAL SERVICES

| Code | Description |
|------|-------------------------------------------------------------|
| 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

| Code | Description |
|------|---------------------------------------------------|
| 0811 | Timber tracts |
| 0831 | Forest nurseries and gathering of forest products |
| 0851 | Forestry services |

FISHING, HUNTING, AND TRAPPING

| Code | Description |
|------|-----------------------------------------|
| 0912 | Finfish |
| 0913 | Shellfish |
| 0919 | Miscellaneous marine products |
| 0921 | Fish hatcheries and preserves |
| 0971 | Hunting, trapping, game and propagation |

MINING

METAL MINING

| Code | Description |
|------|----------------------------------|
| 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

| Code | Description |
|------|--------------------------------------------|
| 1221 | Bituminous coal and lignite surface mining |
| 1222 | Bituminous coal underground mining |
| 1231 | Anthracite mining |
| 1241 | Coal mining services |

OIL AND GAS EXTRACTION

| Code | Description |
|------|---------------------------------|
| 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 | |
| Code | Description |
| 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 | |
| Code | Description |
| 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 | |
| Code | Description |
| 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 | |
| Code | Description |
| 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 | |
| Code | Description |
| 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

| Code | Description |
|------|-------------------------------|
| 2111 | Cigarettes |
| 2121 | Cigars |
| 2131 | Chewing and smoking tobacco |
| 2141 | Tobacco stemming and redrying |

TEXTILE MILL PRODUCTS

| Code | Description |
|------|-----------------------------------------|
| 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

| Code | Description |
|-------------|--------------------------------------------------------------------|
| 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

| Code | Description |
|------|---------------------------------------------|
| 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

| Code | Description |
|------|---------------------------------------------------------|
| 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

| Code | Description |
|------|---------------------------------------------------------|
| 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

| Code | Description |
|------|-----------------------------------------------------|
| 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

| Code | Description |
|------|-----------------------------------------------------------|
| 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

| Code | Description |
|------|------------------------------------|
| 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

| Code | Description |
|------|-----------------------------------------------------|
| 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

| Code | Description |
|------|----------------------------------|
| 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

| Code | Description |
|-------------|-------------------------------------------------------------------------------------------|
| 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

| Code | Description |
|------|---------------------------------------------------------|
| 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 |
| 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

| Code | Description |
|------|---------------------------------|
| 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 | |
| Code | Description |
| 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

| Code | Description |
|-------------|-------------------------------------------------|
| 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

| Code | Description |
|-------------|-----------------------------------------|
| 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 | Motorecycles, 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

| Code | Description |
|------|--------------------------------------------------------------|
| 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

| Code | Description |
|------|----------------------------|
| 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

| Code | Description |
|------|--------------------------------|
| 4011 | Railroads, line-haul operating |
| 4013 | Switching and terminal devices |

LOCAL AND INTERURBAN PASSENGER TRANSIT

| Code | Description |
|------|----------------------------------------|
| 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

| Code | Description |
|------|--------------------------------------|
| 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

| Code | Description |
|------|---------------------|
| 4311 | U.S. Postal Service |

WATER TRANSPORTATION

| Code | Description |
|------|----------------------------------------------------|
| 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

| Code | Description |
|------|-------------------------------|
| 4512 | Air transportation, scheduled |
| 4513 | Air courier services |

| | |
|---------------------------------------------|-------------------------------------------------------|
| 4522 | Air transportation, nonscheduled |
| 4581 | Airports, flying fields, and terminal services |
| PIPELINES, EXCEPT NATURAL GAS | |
| Code | Description |
| 4612 | Crude petroleum pipelines |
| 4613 | Refined petroleum pipelines |
| 4619 | Pipelines, nec |
| TRANSPORTATION SERVICES | |
| Code | Description |
| 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 | |
| Code | Description |
| 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 | |
| Code | Description |
| 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 | |
|--------------------------------|-----------------------------------------|
| Code | Description |
| 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

| Code | Description |
|-------------|------------------------------------------------------------|
| 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 | |
|-----------------------------------------------|---------------------------------------------|
| Code | Description |
| 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 | |
| Code | Description |
| 5311 | Department stores |

| | |
|------|------------------------------------------|
| 5331 | Variety stores |
| 5399 | Miscellaneous general merchandise stores |

FOOD STORES

| Code | Description |
|------|--------------------------------------|
| 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

| Code | Description |
|------|------------------------------|
| 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

| Code | Description |
|------|-----------------------------------------------|
| 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

| Code | Description |
|------|------------------|
| 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

| Code | Description |
|------|-----------------|
| 5812 | Eating places |
| 5813 | Drinking places |

MISCELLANEOUS RETAIL

| Code | Description |
|------|--------------------------------------------|
| 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 |

FINANCE, INSURANCE & REAL ESTATE

| DEPOSITORY INSTITUTIONS | |
|--------------------------------|--------------------------------------------------------------|
| Code | Description |
| 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 | |
| Code | Description |
| 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 | |
| Code | Description |

| | |
|------|-----------------------------------------------|
| 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

| Code | Description |
|------|--------------------------------------|
| 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

| Code | Description |
|------|----------------------------------------|
| 6411 | Insurance agents, brokers, and service |

REAL ESTATE

| Code | Description |
|------|-----------------------------------------------|
| 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

| Code | Description |
|------|------------------------------|
| 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 | |
|---------------------------------|--------------------------------------------------|
| Code | Description |
| 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 | |
| Code | Description |
| 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

| Code | Description |
|-------------|--------------------------------------------------|
| 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

| Code | Description |
|-------------|--------------------------------------------------|
| 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

| Code | Description |
|-------------|----------------------------------------|
| 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

| Code | Description |
|-------------|-------------------------------------|
| 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

| Code | Description |
|------|----------------------------------------|
| 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

| Code | Description |
|------|--------------------------------------------------|
| 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

| Code | Description |
|------|----------------|
| 8111 | Legal services |

EDUCATIONAL SERVICES

| Code | Description |
|------|---------------------------------------|
| 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

| Code | Description |
|------|---------------------------------------|
| 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

| Code | Description |
|------|----------------------------------|
| 8412 | Museums and art galleries |
| 8422 | Botanical and zoological gardens |

MEMBERSHIP ORGANIZATIONS

| Code | Description |
|------|-------------|
|------|-------------|

| | |
|------|-------------------------------|
| 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

| Code | Description |
|-------------|-------------------------------------------------------------|
| 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

| Code | Description |
|-------------|--------------------|
| 8811 | Private households |

SERVICES, NEC

| Code | Description |
|-------------|--------------------|
| 8999 | Services, nec |

PUBLIC ADMINISTRATION

| EXECUTIVE, LEGISLATIVE, AND GENERAL | |
|-----------------------------------------------|---------------------------------------------------------------------------|
| Code | Description |
| 9111 | Executive offices |
| 9121 | Legislative bodies |
| 9131 | Executive and legislative offices combined |
| 9199 | General government, nec |
| JUSTICE, PUBLIC ORDER, AND SAFETY | |
| Code | Description |
| 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 | |
| Code | Description |
| 9311 | Public finance, taxation, and monetary policy |
| ADMINISTRATION OF HUMAN RESOURCES | |
| Code | Description |
| 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 | |
| Code | Description |
| 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 | |
| Code | Description |
| 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 | |
| Code | Description |
| 9711 | National security |
| 9721 | International affairs |

NONCLASSIFIABLE ESTABLISHMENTS

| Code | Description |
|------|-------------------------------|
| 9999 | Nonclassifiable establishment |

Nationally Defined Values for Source Code

CLEANING AND DEGREASING

| Code | Description |
|------|-----------------------------------------------------|
| 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

| Code | Description |
|------|---------------------------------------------------------|
| 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

| Code | Description |
|------|----------------------------------------------------------------------|
| 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

| Code | Description |
|------|------------------------------------------------------------------------------------|
| 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

| Code | Description |
|------|-------------------------------------------------------|
| 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

| Code | Description |
|------|------------------------------------------------------------------|
| 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

| Code | Description |
|------|-------------------------------------------------------------------------------------------------|
| 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) |

Nationally Defined Values for System Type Code

METALS RECOVERY (FOR REUSE)

| Code | Description |
|------|-----------------------------------------------------------------------------------------------------------|
| 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

| Code | Description |
|------|--------------------------------------------------------|
| 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

| Code | Description |
|------|----------------------------------------------------------------------------------------------|
| 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

| Code | Description |
|------|---------------------------------------------------|
| M041 | Incineration - liquids |
| M042 | Incineration - sludges |
| M043 | Incineration - solids |
| M044 | Incineration - gases |
| M049 | Incineration - type unknown (Explain in Comments) |

ENERGY RECOVERY (REUSE AS FUEL)

| Code | Description |
|------|------------------------------------------------------|
| M051 | Energy recovery - liquids |
| M052 | Energy recovery - sludges |
| M053 | Energy recovery - solids |
| M059 | Energy recovery - type unknown (Explain in Comments) |

AQUEOUS INORGANIC TREATMENT

| Code | Description |
|------|----------------------------------------------------------------------------------------------|
| 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) |

FUEL BLENDING

| Code | Description |
|------|---------------|
| M061 | Fuel blending |

AQUEOUS ORGANIC TREATMENT

| Code | Description |
|------|----------------------------------------------------------------|
| 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

| Code | Description |
|------|------------------------------------------------------------------------------|
| 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

| Code | Description |
|------|-------------------------------------------------------|
| M101 | Sludge dewatering |
| M102 | Addition of excess lime |
| M103 | Absorption/adsorption |
| M104 | Solvent extraction |
| M109 | Sludge treatment - type unknown (Explain in Comments) |

STABILIZATION

| Code | Description |
|------|--------------------------------------------------------------------------------|
| 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

| Code | Description |
|------|-------------------------------------------------------------|
| 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

| Code | Description |
|------|--------------------------------------------------|
| 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

| Code | Description |
|------|-----------------------------------------------------------------------------------------------------------------------|
| M141 | Transfer facility storage - waste was shipped off site without any on-site treatment, disposal, or recycling activity |