Department of Environment & Conservation

Division of Solid Waste Management

Hazardous Waste Activity Audit Section

Guide to Filing the 2024 Annual Hazardous Waste Report

February 2025 Edition

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General Information

Solid Waste Management's Hazardous Waste Program

Implementation of Tennessee's hazardous waste program began in October 1980. Tennessee has been authorized by the Environmental Protection Agency (EPA) to administer the majority of the federal program and receives a grant in support of this effort. Other funding for this program is obtained through a fee-collection system.

The Hazardous Waste Management Program operates under the authority of the Hazardous Waste Management Act of 1977 (T.C.A. §68-212-101 et seq.) and various Hazardous Waste Management Rules. The Hazardous Waste Management Program regulates hazardous waste generation, transportation, storage, treatment, and disposal for the State of Tennessee. It has authority over facilities subject to EPA Resource Conservation and Recovery Act (RCRA) Subtitle C in the state of Tennessee.

The coordinated state and federal programs regulate activities such as:

- The permitting and inspection of hazardous waste storage, recycling, treatment, and disposal facilities
- The management of hazardous waste from generators (primarily manufacturing industry) through the required Waste Stream Notifications, Annual Reports, and Waste Reduction Reports
- The annual registration of hazardous waste transporters
- The regulation of used oil

Hazardous waste management facilities receive hazardous wastes for treatment, storage, or disposal. These facilities are often referred to as treatment, storage, and disposal facilities, or TSDFs. Treatment facilities use various processes (such as incineration or oxidation) to alter the character or composition of hazardous wastes. Some treatment processes enable waste to be recovered and reused in manufacturing settings, while other treatment processes dramatically reduce the amount of hazardous waste.

Storage facilities temporarily hold hazardous wastes until they are treated or disposed of. Disposal facilities permanently contain hazardous wastes. The most common type of disposal facility is a landfill, where hazardous wastes are disposed of in carefully constructed units designed to protect groundwater and surface-water resources.

Detailed regulations to ensure that TSDFs operate safely and protect human health, and the environment are located in Rule 0400-12-01-.06 and .07. Facilities that currently or plan to treat, store, or dispose of hazardous wastes must obtain a RCRA permit. A RCRA permit is a legally binding document that establishes operating requirements and various provisions specific to the needs of the permit applicant depending on the treatment, storage, or disposal activities conducted at the facility. Permits are written to address the specific geography of the facility, the types of hazardous waste management units, and the specific waste streams that will be managed at the facility. The permit also outlines facility design and operation, lays out safety standards, and describes activities that the facility must perform, such as monitoring and reporting. Permits typically require facilities to develop emergency plans, find insurance and financial backing, and train employees to handle hazards and can include facility-specific requirements such as groundwater monitoring.

Criteria And Requirements by Hazardous Waste Generator Status

Requirements	Description	Very Small Quantity Generators (VSQG)	Small Quantity Generators	Large Quantity Generators
Quantity Limits	The amount of hazardous waste generated per month determines how a generator is categorized and what regulations must be complied with.	≤100 kg/month, and ≤1 kg/month of acute hazardous waste, and ≤100 kg/month of acute spill residue or soil.	>100 and <1,000 kg/month	≥1,000 kg/month, or >1 kg/month of acute hazardous waste, or >100 kg/month of acute spill residue.
EPA ID Number	EPA ID Number	Not required	Required	Required
On-Site Accumulation Quantity	Determine amount of hazardous waste generators are allowed to "accumulate" on site without a permit.	≤1,000 kg or ≤1 kg acute hazardous waste or ≤100 kg of acute spill residue or soil.	≤6,000 kg	No limit
Accumulation Time Limits	Determine amount of time hazardous waste is allowed to accumulate on site.	None	≤180 days or ≤270 days (if transporting >200 miles)	≤90 days
Accumulation Requirements	Manage hazardous waste in compliance with certain technical standards.	None	Basic requirements with technical standards for containers, tanks, drip pads or containment buildings	Full compliance for management of containers, tanks, drip pads or containment buildings
Personnel Training	Ensure appropriate personnel complete classroom or on-the-job training to become familiar with proper hazardous waste management and emergency procedures for the wastes handled at the facility.	Not required	Basic training required	Required
Contingency Plan and Emergency Procedures	Develop procedures to follow during an unplanned major event.	Not required	Basic planning required	Full plan required
Preparedness & Prevention	Develop procedures to follow in the event of an emergency.	Not required	Required	Required
Manifest	Tracking hazardous waste shipments using the multiple-copy manifest - required by the Department of Transportation (DOT) and EPA	Not required	Required	Required
Waste Minimization	Certify steps taken to reduce or eliminate the generation of hazardous waste	None	Good faith effort required	Program in place required
Recordkeeping	Maintain records of waste testing, manifests, annual reports, and exception reports	Not required	Required	Required
Closure	Close equipment, structures, soils, and units by meeting specified performance standards and disposal and decontamination requirement	Not required	Required -General 0400-12-01 -Notifications 0400-12-01-.03	Required -General 0400-12-01 -Notifications 0400-12-01-.03

More information can be found at https://www.epa.gov/hwgenerators/hazardous-waste-generator-regulatory-summary

Waste Activity Auditors

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Environmental Field Office: Chattanooga, Columbia, & Cookeville; Hazardous Waste Transporters and Transfer Facilities

Division of Solid Waste Management Contacts

Toll-Free Number: 1-888-891-8332

Field Office	Counties Served	Field Office Information	Solid Waste Contact
Jackson	Benton, Carroll, Chester, Crockett, Decatur, Dyer, Gibson, Hardeman, Hardin, Haywood, Henderson, Henry, Lake, Lauderdale, McNairy, Madison, Obion, Weakley	1625 Hollywood Drive Jackson, TN 38305 P: 731-512-1300 Jackson Field Office	Clift Jeter P: 731-223-0005 E: Clifton.Jeter@tn.gov
Memphis	Fayette, Tipton, Shelby	8383 Wolf Lake Drive Bartlett, TN 38133 P: 901-371-3000 Memphis Field Office	Jim Holt P: 901-378-6376 E: Jim.Holt@tn.gov
Nashville	Cheatham, Davidson, Dickson, Houston, Humphreys, Montgomery, Robertson, Rutherford, Stewart, Sumner, Trousdale, Williamson, Wilson	711 R.S. Gass Boulevard Nashville, TN 37216 P: 615-687-7000 Nashville Field Office	Mike Horsley P: 615-347-0615 E: Mike.Horsley@tn.gov
Columbia	Bedford, Coffee, Franklin, Giles, Hickman, Lawrence, Lewis, Lincoln, Marshall, Maury, Moore, Perry, Wayne	1421 Hampshire Pike Columbia, TN 38401 P: 931-380-3371 Columbia Field Office	Steve Wintheiser P: 931-449-9028 E: Steven.Wintheiser@tn.gov
Cookeville	Cannon, Clay, Cumberland, DeKalb, Fentress, Jackson, Macon, Overton, Pickett, Putnam, Smith, Van Buren, Warren, White	1221 South Willow Avenue Cookeville, TN 38506 P: 931-520-6688 Cookeville Field Office	Nicholas Stengel P: 615-406-9649 E: Nicholas.Stengel@tn.gov
Chattanooga	Bledsoe, Bradley, Grundy, Hamilton, Marion, McMinn, Meigs, Polk, Rhea, Sequatchie	1301 Riverfront Parkway, Suite 206 Chattanooga, TN 37402 P: 423-634-5745 Chattanooga Field Office	Harry McCann P: 423-293-8049 E: Harry.McCann@tn.gov
Knoxville	Anderson, Blount, Campbell, Claiborne, Cocke, Grainger, Hamblen, Jefferson, Knox, Loudon, Monroe, Morgan, Roane, Scott, Sevier, Union	3711 Middlebrook Pike Knoxville, TN 37921 P: 865-594-6035 Knoxville Field Office	Revendra Awasthi P: 865-306-1862 E: Revendra.Awasthi@tn.gov
Johnson City	Carter, Greene, Hancock, Hawkins, Johnson, Sullivan, Unicoi, Washington	2305 Silverdale Road Johnson City, TN 37601 Johnson City Field Office	Chris Lamb P: 423-794-7119 E: Chris.Lamb@tn.gov

Hazardous Waste Activity Notification Forms

State of Tennessee
Department of Environment and Conservation
Division of Solid Waste Management
Davy Crockett Tower, 7th Floor
500 James Robertson Parkway
Nashville, TN 37243

HN-CS

RESET

PRINT

PERMIT YEAR **20 ____**

ANNUAL REPORT YEAR **20 ____**

UNIFIED CERTIFICATION AND COVER SHEET

ATTACH THIS COVER SHEET TO ALL REQUESTS, PACKETS, DOCUMENTS OR FORMS - A **CERTIFICATION SIGNATURE** IS REQUIRED IN **SECTION 7**

NEW APPLICANTS - SUBMIT THESE FORMS ➡ TRANSPORTERS: **HN-H, HN-EA, TRFDS** ➡ OTHERS: **HN-H, NF, HN-EA, WSR**

1. NOT CURRENTLY REGISTERED

I am applying...

____ For an **EPA ID** NUMBER ____ For a **USED OIL** NUMBER ____ For a HAZARDOUS WASTE **TRANSPORTER PERMIT**

I am registering...

____ for **OTHER ACTIVITIES** (USED OIL, UNIVERSAL WASTE, HAZ SECONDARY MATERIALS, ETC.)

NOTES

2. ALREADY REGISTERED

ENTER EPA ID NUMBER

ENTER USED OIL REGISTRATION NUMBER

2a. CHECK IF YOU WANT TO:

____ **RENEW** A HAZARDOUS WASTE **TRANSPORTER PERMIT**

2b. SITE INFORMATION (REQUIRED FOR ALL)

SITE, BUSINESS, OR INSTALLATION NAME

TN COUNTY

CURRENT **LOCATION** ADDRESS - NO P.O. BOX NUMBERS (DIRECTIONS IF NECESSARY)

LOCATION CITY STATE ZIP PHONE FAX EMAIL

SEND MAIL TO: LAST NAME FIRST NAME MI TITLE / DEPARTMENT

STREET ADDRESS CITY STATE ZIP

3. LOCATION INFORMATION Make changes on form HN-H

____ NEW ____ UPDATE ____ MOVED TO NEW LOCATION ____ ORIGINAL LOCATION ADDRESS IS INCORRECT ____ ADDRESS CHANGED BY 911 EMERGENCY SYSTEM ____ REZONING / ANNEXATION

COMMENTS:

4. OWNER INFORMATION Make changes on form HN-H

____ NEW ____ CHANGE OWNER ____ UPDATE OWNER INFORMATION COMMENTS:

5. BUSINESS NAME Make changes on form HN-H

____ NEW ____ CHANGE COMMENTS:

6. TRANSFER EPA ID NUMBER

EPA ID OF SITE YOU ARE MOVING TO

NAME ASSOCIATED WITH THIS EPA ID

COMMENTS:

7. CERTIFICATION - REQUIRED

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

➡ _____ _____ _____

SIGNATURE OF AUTHORIZED REPRESENTATIVE TITLE DATE

_____ _____

PRINTED NAME EMAIL ADDRESS

FD0511624

EPA ID NUMBER | UOP NUMBER | SITE NAME

8. ATTACHMENTS - FEES

☐ **CHECK IF PAYMENT IS ATTACHED**

EIN ➡ ___ ___ – ___ ___ ___ ___ ___ ___ ___

IF YOU HAVE QUESTIONS REGARDING YOUR PAYMENT OR EIN, CONTACT TDEC'S CONSOLIDATED FEE SECTION AT 615-532-0065

FEES ASSOCIATED WITH THIS DOCUMENT **(CHECK ALL THAT APPLY)**

- ☐ HW **GENERATOR** FEES
- ☐ HW **TRANSFER** FACILITY FEES
- ☐ **USED OIL** FEES
- ☐ **UNIVERSAL WASTE DESTINATION** FACILITY FEES
- ☐ **TSDF** FEES
- ☐ **TSDF** APPLICATION FEES

OTHER (SPECIFY)

8a. ATTACHMENTS - ANNUAL REPORTS

- ☐ **HAZARDOUS WASTE GENERATOR ANNUAL REPORT**
  - ☐ CORRECTED
  - ☐ LATE
- ☐ **USED OIL ANNUAL REPORT**
  - ☐ CORRECTED
  - ☐ LATE

OTHER REQUIRED NOTIFICATIONS (CHECK ALL THAT APPLY)

- ☐ NOTIFICATION OF **EPISODIC** GENERATION
- ☐ SUPPLYING NOTIFICATION FOR A GENERATOR UNDER **CONSOLIDATION** RULE
- ☐ NOTIFICATION OF **CONSOLIDATION** OF HAZARDOUS WASTE

8b. ATTACHMENTS - INFORMATION UPDATES

ENVIRONMENTAL ACTIVITY	WASTE STREAMS	CONTACTS	SITE OPERATIONAL STATUS
☐ **ADD** *(USE FORM HN-EA)*	☐ **ADD** *(USE FORM WSR)*	BILLING ADDRESSES ETC	☐ **CLOSING** FACILITY, BUSINESS INTERRUPTION, ETC
☐ **UPDATE** *(USE FORM HN-EA)*	☐ **UPDATE** *(USE FORM WSR)*	☐ **ADD** *(USE FORM HN-H CONTACTS)*	☐ **CLOSING** CONTAINMENT AREAS *(USE FORM HN-C)*
☐ **END** *(USE FORM HN-C)*	☐ **CLOSE** *(USE FORM WSR)*	☐ **UPDATE** *(USE FORM HN-H CONTACTS)*	**SPECIAL NOTICE:** *FACILITY ANNUAL REPORT DUE AT CLOSURE*

9. DEADLINES FOR ANNUAL SUBMISSIONS

ENVIRONMENTAL ACTIVITY	ANNUAL REPORT	FEES	PERMIT	DEADLINE	ADDITIONAL FORMS REQUIRED
HAZARDOUS WASTE TRANSPORTER*		✓	✓	**DEC 31**	HN-EA, HN-H, HN-H (Contacts), TRFDS
HAZARDOUS WASTE TRANSFER FACILITY*		✓		**DEC 31**	HN-EA, HN-H, HN-H (Contacts), NF
HAZARDOUS WASTE GENERATOR	✓	✓		**MARCH 1**	HN-EA, HN-H, HN-H (Contacts), WSR, OSR, G-FDS
HAZARDOUS WASTE TSDF	✓	✓		**MARCH 1**	HN-EA, HN-H, WSR, OSR, TPA, TWR, G-FDS,TSD-FDS
USED OIL TRANSPORTER*	✓	✓	✓	**MARCH 1**	HN-EA, HN-H, HN-H (Contacts), UO-AR, NF, UO-D
USED OIL TRANSFER FACILITY*		✓		**MARCH 1**	HN-EA, HN-H, HN-H (Contacts), UO-AR, NF
USED OIL PROCESSOR / RE-REFINER*	✓	✓		**MARCH 1**	HN-EA, HN-H, HN-H (Contacts), UO-AR, NF
UNIVERSAL WASTE DESTINATION FACILITY*		✓		**MARCH 1**	HN-EA, HN-H, HN-H (Contacts), UO-AR, NF

* DENOTES ***FEES ARE DUE*** AT TIME OF REGISTRATION ***AND*** AT THE TIME OF ANNUAL NOTIFICATION; SEE RESPECTIVE FORM FOR DETAILS

10. SEND DOCUMENTS TO:

State of Tennessee
Department of Environment and Conservation
Division of Solid Waste Management
Davy Crockett Tower, 7th Floor
500 James Robertson Parkway
Nashville, TN 37243

SEND FEE FORM AND PAYMENT TO:

State of Tennessee
Department of Environment and Conservation
Division of Fiscal Services -Consolidated Fee Section
Davy Crockett Tower, 6th Floor
500 James Robertson Parkway
Nashville, TN 37243

MAKE PAYABLE TO: "TREASURER, STATE OF TENNESSEE"
CHECK, MONEY ORDER OR CASHIER'S CHECK

OFFICE USE	LOG ID	STAFF	DATE	GIA	EPA ID

State of Tennessee
Department of Environment and Conservation
Division of Solid Waste Management
Davy Crockett Tower, 7th Floor
500 James Robertson Parkway
Nashville, TN 37243

HN-EA

RESET FORM | PRINT

PERMIT YEAR

ANNUAL REPORT YEAR

HAZARDOUS WASTE ENVIRONMENTAL ACTIVITY NOTIFICATION

CERTIFICATION REQUIRED - *(COMPLETE AND ATTACH Form CN-1442 HN-CS Including Section 7)*

A. NOTIFICATION

*** NAICS CODES MAY BE FOUND AT: https://www.census.gov/naics/**

A.1 EPA ID NUMBER	**A.2** USED OIL REGISTRATION NUMBER	**A.3** SITE LOCATION ☐ WITHIN TN ☐ OUTSIDE TN	**A.4** NAICS CODE *

A.5 SITE, BUSINESS, OR INSTALLATION NAME

B. ENVIRONMENTAL ACTIVITY IDENTIFICATION

NOTE: USE MM / DD / YYYY FORMAT FOR DATES

☐ **GENERATOR** ____/____/_____ ← **DATE GENERATOR ACTIVITY BEGAN**

☐ **LQG - LARGE QUANTITY GENERATOR**

GENERATES, IN ANY CALENDAR MONTH, 1,000 KGS/MO. (2,200 LBS/MO.) OR MORE OF HAZARDOUS WASTE; OR GENERATES IN ANY CALENDAR MONTH OR ACCUMULATES AT ANY TIME, GREATER THAN 1 KG/MO. (2.2 LBS/MO.) OR MORE OF ACUTE HAZARDOUS WASTE; OR GENERATES IN ANY CALENDAR MONTH OR ACCUMULATES AT ANY TIME, GREATER THAN 100 KGS/MO. (220 LBS/MO.) OR MORE OF ACUTE HAZARDOUS SPILL CLEANUP MATERIAL.

OTHER REQUIREMENTS: *EPA ID, ANNUAL REPORT, ANNUAL FEES*

☐ **SQG - SMALL QUANTITY GENERATOR**

GENERATES, IN ANY CALENDAR MONTH, GREATER THAN 100 KGS/MO. (220 LBS/MO.) BUT LESS THAN 1,000 KGS/MO. (2,200 LBS/MO.) OF NON-ACUTE HAZARDOUS WASTE OR ACCUMULATES AT ANY TIME, MORE THAN 0 BUT LESS THAN OR EQUAL TO 6,000 KGS/MO. (13,228 LBS/MO.) OF NON-ACUTE HAZARDOUS WASTE.

OTHER REQUIREMENTS: *EPA ID, ANNUAL REPORT, ANNUAL FEES*

☐ **VSQG - VERY SMALL QUANTITY GENERATOR**

GENERATES, IN ANY CALENDAR MONTH, NO MORE THAN 100 KGS/MO. (220 LBS/MO.) AND ACCUMULATES (AT ANY TIME THROUGH THE ENTIRE YEAR) UNDER 1,000 KGS (2,200 LBS) OF NON-ACUTE HAZARDOUS WASTE.

☐ **NON - NON-GENERATOR**

SUBMIT CLOSURE FOR EACH WASTE STREAM

OTHER REQUIREMENTS: SUBMIT FORMS: *WSR (CN-0773) FOR EACH WASTE STREAM*

GENERATORS - IF YOU CHECKED LQG, SQG, OR VSQG ABOVE, CHECK ALL THAT APPLY BELOW

☐ **GENERATOR WASTEWATER**

☐ **GENERATOR EPISODIC ADDITIONAL NOTIFICATION REQUIRED**

☐ **GENERATOR LOW LEVEL RADIOACTIVE MIXED WASTE**

☐ **GENERATOR SHORT TERM (ONE-TIME, NON-RECURRING)**

EXPLAIN SHORT TERM GENERATION

☐ **US IMPORTER**

☐ **US EXPORTER**

☐ **RECYCLER** NON-STORAGE

☐ **RECYCLER** STORAGE

☐ **RECYCLER** COMMERCIAL

☐ **RECYCLER** NON-COMMERCIAL

☐ **HAZARDOUS SECONDARY MATERIALS** (**FORM** *HN-HSM*)

☐ **HTMR RESIDUES** (NOTIFICATION LETTER REQUIRED)

☐ **RECLAMATION OF SPENT WOOD PRESERVING RESIDUES**

☐ **MANUFACTURER OF ZINC FERTILIZERS (OR ZINC FERTILIZER INGREDIENTS)**

☐ **PRIMARY MINERAL PROCESSING (RECOVERY OF MINERALS, ACIDS, CYANIDE, WATER, etc.**

☐ **OPTING INTO ACADEMIC LABS**

- ☐ COLLEGE OR UNIVERSITY
- ☐ TEACHING HOSPITAL
- ☐ NON-PROFIT INSTITUTE

☐ **WITHDRAWING FROM ACADEMIC LABS** See Rule 0400-12-01-.03(10)(e)

☐ **OPERATING UNDER HAZARDOUS WASTE PHARMACEUTICALS**

- ☐ HEALTHCARE FACILITY

TYPE OF HEALTHCARE FACILITY

- ☐ REVERSE DISTRIBUTOR

☐ **WITHDRAWING FROM HAZARDOUS WASTE PHARMACEUTICALS** See Rule 0400-12-01-.09 (16)(c)(1)

FD0516241

EPA ID | UOP NUMBER | SITE

☐ **TRANSPORTER** ☐☐/☐☐/☐☐☐☐ ← **DATE TRANSPORTER ACTIVITY BEGAN**

OUT OF STATE HAZARDOUS WASTE TRANSPORTERS MUST POSSESS VALID EPA ID. TN DOES NOT ISSUE EPA IDs FOR NON-TN SITES.

OTHER REQUIREMENTS: *EPA ID, ANNUAL FEES; ANNUAL PERMIT*

☐ **TRANSFER FACILITY** ☐☐/☐☐/☐☐☐☐ ← **DATE TRANSFER FACILITY ACTIVITY BEGAN**

TRANSPORTERS IDENTIFYING OWNERSHIP FOR SEPARATE TRANSFER FACILITY SITES ARE REQUIRED TO OBTAIN SEPARATE EPA IDs FOR EACH LOCATION. TSD FACILITIES ARE REQUIRED TO OBTAIN SEPARATE EPA ID FOR HW TRANSFER FACILITY.

OTHER REQUIREMENTS: *EPA ID, ANNUAL FEES*

☐ **USED OIL** ☐☐/☐☐/☐☐☐☐ ← **DATE USED OIL ACTIVITY BEGAN**

1. ☐ **BURNER**
   REQUIREMENTS: *EPA ID, UOP NUMBER,*

2. ☐ **FUEL MARKETER**
   - ☐ **DIRECTS SHIPMENTS OF USED OIL TO BURNER**
   - ☐ **FIRST CLAIMS THE USED OIL IS ON-SPEC**

   REQUIREMENTS: *EPA ID, UOP NUMBER,*

3. ☐ **PROCESSOR / RE-REFINER**
   - ☐ **PROCESS ONLY**
   - ☐ **RE-REFINE ONLY**

   REQUIREMENTS: *EPA ID, UOP NUMBER, ANNUAL RPT, FEES*

4. ☐ **USED OIL TRANSFER FACILITY**
   REQUIREMENTS: *EPA ID, UOP NUMBER, ANNUAL RPT AND FEES*

5. ☐ **USED OIL TRANSPORTER**
   REQUIREMENTS: *EPA ID, UOP NUMBER, PERMIT, ANNUAL RPT AND FEES*

6. ☐ **COLLECTION CENTER (COMMERCIAL ONLY)**
   REQUIREMENTS: *UOP NUMBER*

7. ☐ **COLLECTION CENTER (DIY - DO-IT-YOURSELFER)**

☐ **TREATMENT, STORAGE AND DISPOSAL (TSD)** ☐☐/☐☐/☐☐☐☐ ← **DATE TSD ACTIVITY BEGAN**

REQUIRED FOR ALL TSDS: *EPA ID, ANNUAL REPORT, ANNUAL FEES; PERMIT, ALSO* **SUBMIT FORMS***: HN, NF - **NOTE:** EXTENSIVE PERMITTING PROCESS INVOLVED FOR TSDs; CONTACT HAZARDOUS WASTE PERMITTING SECTION*

1. ☐ **RECYCLER**
2. ☐ **INCINERATOR, BOILER OR INDUSTRIAL FURNACE**
3. ☐ **UNDERGROUND INJECTION CONTROL**
4. ☐ **RECEIVER OF HW FROM OFFSITE**
5. ☐ **POST CLOSURE ONLY**
6. ☐ **CORRECTIVE ACTION ONLY**

☐ **UNIVERSAL WASTE** ☐☐ ☐☐ ☐☐☐☐ ← **DATE UNIVERSAL WASTE ACTIVITY BEGAN**

1. ☐ **DESTINATION FACILITY**
   - ☐ **LAMP CRUSHER, COMMERCIAL**
   - ☐ **RECYCLER (ONSITE)**

   REQUIREMENTS: EPA ID, ANNUAL FEES;

2. ☐ **TRANSPORTER**
   REQUIREMENTS: *NO OTHER REQUIREMENTS*

3. ☐ **LARGE QUANTITY HANDLER**
   REQUIREMENTS: *EPA ID*

4. ☐ **SMALL QUANTITY HANDLER**
   REQUIREMENTS: *NO OTHER REQUIREMENTS*

IF YOU CHECKED… 3 or 4 ABOVE… CHECK BELOW ALL THAT APPLY

☐ **BATTERIES** ☐ **PESTICIDES** ☐ **LAMPS / BULBS**

☐ **MERCURY CONTAINING EQUIPMENT** ☐ **AEROSOL CANS**

OFFICE USE LOG ID	STAFF	DATE	GIA	EPA ID

State of Tennessee
Department of Environment and Conservation
Division of Solid Waste Management
Davy Crockett Tower, 7th Floor
500 James Robertson Parkway
Nashville, TN 37243

HAZARDOUS WASTE REGISTRATION AND NOTIFICATION

RESET

REPORT YEAR

PERMIT YEAR

1.REGISTRATION INFORMATION *INCOMPLETE APPLICATIONS WILL BE RETURNED*

EPA ID NUMBER (IF NEW, LEAVE BLANK)	USED OIL REGISTRATION NUMBER	OFFICE USE ONLY

2. SITE NAME

SITE, BUSINESS, OR INSTALLATION NAME

3. SITE PHYSICAL LOCATION

SITE LOCATION ADDRESS - NO P.O. BOX NUMBERS! (GIVE DIRECTIONS IF NECESSARY)

LATITUDE

LONGITUDE

CITY | STATE | ZIP | COUNTRY | TN COUNTY

PHONE1 | PHONE2 | FAX | E-MAIL

4. BUSINESS OWNER ☐ INDIVIDUAL ☐ COMPANY

IF CORPORATE OWNER, PROVIDE CORPORATE NAME | CORPORATE REGION | CORPORATE DISTRICT

LAST NAME | FIRST NAME | MI | TITLE

OWNER MAILING STREET ADDRESS | CITY /TOWN / LOCALITY

STATE /TERRITORY | ZIP / POSTAL CODE | COUNTRY

PHONE1 | PHONE2 | FAX | EMAIL

# EMPLOYEES	DATE OWNERSHIP BEGAN	DATE OWNERSHIP ENDED	*OWNER CODE	*LAND CODE	*Federal (F); State (S); Private (P); Indian (I); County (C); Municipal (M); District(D); Other (O)

5. MAILING ADDRESS SEND MAIL TO THE ATTENTION OF:

LAST NAME | FIRST NAME | MI | TITLE | DEPARTMENT

BUSINESS MAILING STREET ADDRESS | CITY /TOWN / LOCALITY

STATE /TERRITORY | ZIP / POSTAL CODE | COUNTRY

PHONE1 | PHONE2 | FAX | EMAIL

FD060524

EPA ID NUMBER	SITE, BUSINESS OR INSTALLATION NAME	USED OIL REGISTRATION NUMBER

6. HAZARDOUS WASTE TRANSPORTERS ONLY

US DOT or MC/MX NUMBER - HW TRANSPORTERS ONLY

NOTE: a complete application includes this form, the hazardous waste transporter fee determination sheet (FORM TRFDS CN-0783), and your remittance. Permits are issued only after verification of receipt of these items. Data supplied on this form by transporters located outside the state of Tennessee will be verified by reviewing the data supplied to the home state's regulatory agency. Permits issued by the state of Tennessee will be delayed until the data in your home state is made current with that agency.

6A. HAZARDOUS WASTE TRANSPORTERS MODES AND CAPABILITIES

MODES	NUMBER USED	TRANSPORTER CAPABILITIES
☐ HIGHWAY	_____ TRUCKS	☐ EXPLOSIVE MATERIALS ☐ OXIDIZERS AND ORGANIC PEROXIDES ☐ MISCELLANEOUS HAZARDOUS MATERIALS ☐ FLAMMABLE / COMBUSTIBLE LIQUIDS ☐ FLAMMABLE SOLIDS /SPONTANEOUSLY COMBUSTIBLE LIQUIDS ☐ GASES ☐ RADIOACTIVE SUBSTANCES ☐ UNIVERSAL WASTE ☐ CORROSIVE MATERIAL ☐ POISON LIQUIDS/SOLIDS/INFECTIOUS ☐ SUBSTANCES OTHER REGULATED MATERIALS
☐ WATER	_____ TRAILERS	
☐ RAIL	_____ TANKERS	
☐ AIR	_____ BOATS, BARGES	

6B. TRANSFER FACILITIES YOU OPERATE

☐ CHECK HERE IF YOU DO NOT OPERERATE TRANSFER FACILITIES IN TENNESSEE

1

US EPA ID NUMBER | BUSINESS NAME OF TRANSFER FACILITY OPERATED

LOCATION OF TRANSFER FACILITY - HIGHWAY, ROUTE, ROAD, OR DIRECTIONS (NOT A MAIL ADDRESS) | COUNTY

CONTACT PERSON | CONTACT PERSON MAILING ADDRESS CITY, STATE, ZIP | CONTACT PERSON PHONE WITH AREA CODE

2

US EPA ID NUMBER | BUSINESS NAME OF TRANSFER FACILITY OPERATED

LOCATION OF TRANSFER FACILITY - HIGHWAY, ROUTE, ROAD, OR DIRECTIONS (NOT A MAIL ADDRESS) | COUNTY

CONTACT PERSON | CONTACT PERSON MAILING ADDRESS CITY, STATE, ZIP | CONTACT PERSON PHONE WITH AREA CODE

3

US EPA ID NUMBER | BUSINESS NAME OF TRANSFER FACILITY OPERATED

LOCATION OF TRANSFER FACILITY - HIGHWAY, ROUTE, ROAD, OR DIRECTIONS (NOT A MAIL ADDRESS) | COUNTY

CONTACT PERSON | CONTACT PERSON MAILING ADDRESS CITY, STATE, ZIP | CONTACT PERSON PHONE WITH AREA CODE

6C. GENERAL INFORMATION FOR HAZARDOUS WASTE TRANSPORTERS

Persons must obtain a Hazardous Waste Transporter Permit if they transport hazardous wastes that originate or terminate at points in Tennessee. The permit will be issued by the Department upon review of a completed application renewal form, and receipt of any applicable fees. A copy of the permit must be maintained within each transport vehicle. Permits are registered to the EPA identification number supplied on the application renewal form. The EPA Identification number is specific to your location and the permit is therefore not transferable if you change locations. For annual renewal, the renewal forms and fee are due no later than December 31. The permit duration is from the effective date until January 31 of the following year. The regulations require transporters to comply not only with the permit regulations but also the operational standards that pertain to manifests, other record keeping and hazardous waste discharges. You must also comply with any and all regulations imposed by the Tennessee Regulatory Commission, the U. S. Environmental Protection Agency, the U. S. Department of Transportation, U.S. Department of Homeland Security and any other pertinent local, state or federal laws. To view applicable Rules on line, visit **http://www.tn.gov/sos/rules/0400/0400-12/0400-12-01/0400-12-01.htm**

7. CERTIFICATION

CERTIFICATION REQUIRED (Complete Form HN-CS Including Section 7)

TDEC OFFICE USE ONLY

FAC ID	LOG ID CODE	STAFF INITIALS	DATE	GIA CUSTOMER #	( ) NEWLY ASSIGNED ( ) TRANSFERRED EPA ID NUMBER

State of Tennessee
Department of Environment and Conservation
Division of Solid Waste Management
Davy Crockett Tower, 7th Floor
500 James Robertson Parkway
Nashville, TN 37243

RESET

HN - H (Contacts)

HAZARDOUS WASTE CONTACT NOTIFICATION

ENTER CURRENT EPA ID NUMBER	PROVIDE SITE, BUSINESS, OR INSTALLATION NAME	USED OIL REGISTRATION NUMBER

1. BILLING ADDRESS - SEND BILLING INFORMATION TO THE ATTENTION OF:

LAST NAME | FIRST NAME | MI | TITLE | DEPARTMENT

COMPANY, AGENCY OR OTHER | CORPORATE REGION | CORPORATE DISTRICT

BUSINESS BILLING STREET ADDRESS | CITY /TOWN / LOCALITY

STATE /TERRITORY | ZIP / POSTAL CODE | COUNTRY

TN

PHONE 1 | PHONE 2 | FAX | EMAIL

2. MANAGER ☐ PLANT MANAGER ☐ CERTIFYING OFFICIAL ☐ AUTHORIZED REPRESENTATIVE

LAST NAME | FIRST NAME | MI | TITLE | STREET ADDRESS

CITY /TOWN / LOCALITY | STATE /TERRITORY | ZIP / POSTAL CODE | COUNTRY

PHONE 1 | PHONE 2 | FAX | EMAIL

3. TECHNICAL CONTACT

LAST NAME | FIRST NAME | MI | TITLE | STREET ADDRESS

CITY /TOWN / LOCALITY | STATE /TERRITORY | ZIP / POSTAL CODE | COUNTRY

PHONE 1 | PHONE 2 | FAX | EMAIL

4. EMERGENCY CONTACT

LAST NAME | FIRST NAME | MI | TITLE | STREET ADDRESS

CITY /TOWN / LOCALITY | STATE /TERRITORY | ZIP / POSTAL CODE | COUNTRY

PHONE 1 | PHONE 2 | FAX | EMAIL

5. OPERATOR ☐ INDIVIDUAL ☐ COMPANY, AGENCY OR OTHER

LAST NAME | FIRST NAME | MI | TITLE | COMPANY, AGENCY OR OTHER | STREET ADDRESS

CITY /TOWN / LOCALITY | STATE /TERRITORY | ZIP / POSTAL CODE | COUNTRY

PHONE 1 | PHONE 2 | FAX | EMAIL

FD051624

EPA ID NUMBER	SITE, BUSINESS, OR INSTALLATION NAME	USED OIL REGISTRATION NUMBER

6. LICENSE or PERMIT AGENT (FOR HAZARDOUS WASTE TRANSPORTERS, IF APPLICABLE)

LAST NAME	FIRST NAME	MI	TITLE	STREET ADDRESS	
COMPANY, AGENCY OR OTHER					
CITY /TOWN / LOCALITY			STATE /TERRITORY	ZIP / POSTAL CODE	COUNTRY
PHONE 1	PHONE 2		FAX	EMAIL	

7. CONTRACTOR 1

LAST NAME	FIRST NAME	MI	TITLE	STREET ADDRESS	
COMPANY, AGENCY OR OTHER					
CITY /TOWN / LOCALITY			STATE /TERRITORY	ZIP / POSTAL CODE	COUNTRY
PHONE 1	PHONE 2		FAX	EMAIL	

8. CONTRACTOR 2

LAST NAME	FIRST NAME	MI	TITLE	STREET ADDRESS	
COMPANY, AGENCY OR OTHER					
CITY /TOWN / LOCALITY			STATE /TERRITORY	ZIP / POSTAL CODE	COUNTRY
PHONE 1	PHONE 2		FAX	EMAIL	

9. PERMIT CONTACT 1

LAST NAME	FIRST NAME	MI	TITLE	STREET ADDRESS	
COMPANY, AGENCY OR OTHER					
CITY /TOWN / LOCALITY			STATE /TERRITORY	ZIP / POSTAL CODE	COUNTRY
PHONE 1	PHONE 2		FAX	EMAIL	

10. PERMIT CONTACT 2

LAST NAME	FIRST NAME	MI	TITLE	STREET ADDRESS	
COMPANY, AGENCY OR OTHER					
CITY /TOWN / LOCALITY			STATE /TERRITORY	ZIP / POSTAL CODE	COUNTRY
PHONE 1	PHONE 2		FAX	EMAIL	

11. CERTIFICATION

CERTIFICATION REQUIRED (Complete Form HN-CS Including Section 7)

TDEC OFFICE USE ONLY

FAC ID	LOG ID CODE	STAFF INITIALS	DATE	GIA CUSTOMER #	( ) NEWLY ASSIGNED ( ) TRANSFERRED EPA ID NUMBER

State of Tennessee
Department of Environment and Conservation
Division of Solid Waste Management
Davy Crockett Tower, 7th Floor
500 James Robertson Parkway
Nashville, TN 37243

WSR

PRINT | RESET FORM

REPORT YEAR

WASTE STREAM #

HAZARDOUS WASTE STREAM REPORT

CERTIFIED SIGNATURE REQUIRED - COMPLETE FORM CN-1442 (HN-CS) INCLUDING SECTION 7

U.S. EPA ID NUMBER | BUSINESS NAME

___ **NEW WASTE STREAM** ___ **HAZARDOUS SECONDARY MATERIAL**

___ **ANNUAL REPORT** ___ **CONSOLIDATED FROM VSQG**

___ **INFORMATION UPDATE** ___ **OTHER** _____

☐ **EPISODIC GENERATION - PLANNED**
MUST NOTIFY **30 DAYS PRIOR** *TO EVENT*

☐ **EPISODIC GENERATION - UNPLANNED**
MUST NOTIFY **WITHIN 72 HRS** *OF EVENT*

COMPLETE SECTION 7 "FACILITY COMMENTS"

DATE *TDEC NOTIFIED* _____ **DATE** *EVENT ENDED* _____

1. HAZARDOUS WASTE STREAM DESCRIPTION AND PROCESS

1a WASTE STREAM NAME

1b HOW IS (WAS) THIS WASTE GENERATED?

1b1 SOURCE CODE
G ___ ___

1c REPORTING UNITS
☐ **kgs** ☐ **lbs**
_____ **DENSITY**

1d GENERATION FREQUENCY
☐ **ONE TIME** *NON- RECURRING*
☐ **REGULARLY**
☐ **INTERMITTENTLY**

1e STATUS
☐ **ACTIVE**
☐ **CLOSED**
☐ **RE-ACTIVATED**

1f HAZARD CRITERIA
___ **IGNITABLE** ___ **REACTIVE**
___ **CORROSIVE** ___ **LISTED**
___ **TOXICITY (TCLP)**

1g1 GENERATION START DATE

1g2 GENERATION END DATE

1g3 DATE CLAIMED AS HAZ SEC MATERIAL

1g4 DURATION - EPISODIC DAYS

1h WASTE CODES - IN THIS ORDER: P,D,F,U,K

1i RADIOACTIVE MIXED WASTE
☐ **YES**
☐ **NO**

1j MONTHLY MAXIMUM GENERATED
_____
☐ **kgs**
☐ **lbs**

1k pH

1l FLASH POINT

1m BTU per POUND

1n REACTIVE CODES

1o WASTE FORM CODE(S) - W CODES (UP TO THREE)

1p NAICS CODES - (UP TO TWO)

1q U.S. DOT SHIPPING NAME

1r U.S. DOT HAZARD CLASS

1s UN/NA NUMBER

2. WASTE STREAM CONSTITUENTS

2a HAZARDOUS WASTE CONSTITUENT	**2b** LOWER VALUE	**2c** UPPER VALUE	**2d** PPM	% VOL	% WEIGHT
1					
2					
3					
4					
5					

FD051624

U.S. EPA ID NUMBER	BUSINESS NAME	WASTE STREAM #

3. ANNUAL GENERATION AND HANDLING

3a + 3b - 3c = 3d | 3d = 4a + 5a + 5b + 5c + 5d

3a AMOUNT GENERATED	3b AMOUNT ONSITE JAN 1st	3c AMOUNT ONSITE DEC 31st	3d AMOUNT HANDLED
lbs	lbs	lbs	lbs

4. OFFSITE SHIPPING

4a TOTAL AMOUNT SHIPPED OFFSITE	4b STATE CODES: STORAGE & DISPOSAL / TREATMENT	4c EPA MANAGEMENT METHOD CODES
lbs		

5. TSD PERMITTED STORAGE ONLY - OR - FACILITY'S ONSITE HANDLING OR TREATMENT

5a1 AMOUNT OF 3d HANDLED ONSITE	5a2 STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5a3 EPA MANAGEMENT METHOD
lbs		H ___ ___ ___
5b1 AMOUNT OF 3d HANDLED ONSITE	**5b2** STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	**5b3** EPA MANAGEMENT METHOD
lbs		H ___ ___ ___
5c1 AMOUNT OF 3d HANDLED ONSITE	**5c2** STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	**5c3** EPA MANAGEMENT METHOD
lbs		H ___ ___ ___
5d1 AMOUNT OF 3d HANDLED ONSITE	**5d2** STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	**5d3** EPA MANAGEMENT METHOD
lbs		H ___ ___ ___

6. HAZARDOUS WASTE REDUCTION

6a THIS YEAR RATIO	6b GOAL YEAR RATIO	6c GOAL YEAR	6d WASTE / TOXICITY REDUCTION EFFORT CODES

6e WASTE REDUCTION IMPEDIMENT CODES	6f CHANGE IN TOXICITY
	[X] INCREASE [ ] DECREASE [ ] NO CHANGE

6g NARRATIVE - EXPLAIN REPORTED DATA (IF APPLICABLE)

6h NARRATIVE - IF NO NUMERIC GOAL EXPLAIN WHY

7. FACILITY COMMENTS

TDEC USE ONLY

____ NOT HAZARDOUS - NH	____ HAZARDOUS - H	____ WASTEWATER - Rx	____ VARIANCE GRANTED - V
____ UNIVERSAL WASTE - U	____ MIXED RAD WASTE - R	____ EPISODIC	____ PARTIAL EXEMPTION PE
____ TREATMENT RESIDUE - TR	____ CORRECTIVE ACTION - C	____ HSM	____ FURTHER REPORTING
____ COMPARABLE FUELS - CF	____ RESOURCE RECOVERY - RR	____ NO LONGER GEN - N	STATUS

COMMENTS	DATE RECEIVED	DATE REVIEWED	STAFF

DESCRIPTION		INSTRUCTIONS
Report Year		Year of waste generation being reported in the annual report. The report must be received by **March 1** and record the waste generation and handling from the previous calendar year. Leave blank when filing new waste stream notification.
Waste Stream Number		Waste stream numbers are assigned by the Division based on a site's historical records. This number will follow the waste stream on all correspondence and reports. Please contact the site's WAAS auditor for a copy of the historical waste streams if needed.
U.S. EPA ID Number		For existing generators, fill in your EPA ID number. For a new EPA ID number application, leave blank.
Business Name		Fill in Business Name.
Type of Notification		Mark all that apply: New Waste Stream, Annual Report, Information Update, Subpart K, Hazardous Secondary Material, or Consolidated from VSQG.
When filing as part of a New Waste Stream Notification:		Must be submitted with forms HN- CS, NF, and $100/new waste stream fee. Complete sections 1 and 2 and send to the Division within 30 days of waste generation start date (for existing generators) and within 90 days of waste generation start date (for new generators).
When filing as part of the Annual Report:		File this form for each active waste stream to report the generation activity for the previous year, referred to as the Report Year in Sections 3, 4, 5, and 6.
Episodic Generation		Planned episodic generation requires 30-days' notice prior to event generation start date. Unplanned events require notification within 72 hours after generation. You must provide the date TDEC was notified and the date the date the event ended. Visit our FAQ for more information.
ITEM		**INSTRUCTIONS**
1a	Waste Stream Name	Name the waste using as specific terms as possible.
1b	How is this waste generated?	Describe the process by which the hazardous waste is generated. This description may aid in assigning the specific hazardous waste name and EPA waste code(s) on item 1h.
1b1	Source Code	This "G" code should match as closely as possible to the generation method. A list of source codes can be viewed here.
1c	Reporting Units	Choose either kilograms or pounds and use the same unit for all waste streams. Enter density if known (not required).
1d	Generation Frequency	Check the generation frequency during a year based on whether the waste is generated continuously, at various times during the year, or one time.
1e	Waste Stream Status	Check if the generation of the waste stream is active, closed or re-activated. A waste stream will not be closed unless the status is marked "closed" and a date is listed in item 1g "generation end date."
1f	Hazard Criteria	Check one or more characteristics of the waste as appropriate to identify its hazards according to Rule 0400-12-01-.03(1)(b). The criteria selected should match the EPA waste codes listed in item 1h on this form. If D001 is present in item 1h, then mark the "ignitable" criteria in item 1f; D002, mark "corrosive"; D003, mark "reactive"; D004-D043, mark "TCLP"; and/or any P, U, K, F codes – mark the "listed" criteria.

ITEM		INSTRUCTIONS
1g	Generation Start Date	Date the facility began to generate this waste at this site. The generation start date does not change.
	Generation End Date	Date the facility ceased generation of this waste at this site.
	Date claimed as Hazardous Secondary Material	Date material was declared to be a hazardous secondary material (HSM). Additional notification is required (HN-HSM form, CN-1482).
	Duration Episodic	Provide the duration of event in days - a 60-day limit applies to both planned and unplanned events - see Rule 0400-12-01-.03(11)(c). Visit our FAQ page for more information
1h	EPA Waste Codes	List at least one EPA waste code as identified through the hazardous waste determination process described in Rule 0400-12-01-.03(1)(b).
1i	Radioactive Mixed Waste	Check "Yes" if the waste is a mixed hazardous and radioactive waste. Check "No" if the waste is simply hazardous. If this box is checked, then “Mixed Waste” should also be checked under generator activities on form HN-EA.
1j	Monthly Maximum Generated	This is the maximum amount of waste generated in any month when the waste is generated. For new waste streams, enter the projected maximum for this item. This information should be reviewed annually and updated as needed. So long as this waste stream is open, this value cannot be 0.
1k	pH	Indicate the pH for any corrosive waste. Values should be between 0-14.
1l	Flash Point	List the flash point (°F) for any ignitable waste.
1m	BTU per pound	List the BTU value for any ignitable waste that will be claimed for the fuel blending discount on the generator offsite shipping fees. The BTU value must be greater than 5,000 to claim the discount.
1n	Reactive Code(s)	If the waste is reactive. Report D003 in item 1h. Then choose the reactive code from this list: 1 - Potentially releases hydrogen cyanide gas 2 - Potentially releases sulfide 3 - Reacts violently with water 4 - Thermally unstable or shock 5 - A USDOT forbidden explosive 6 - A Class A or B USDOT explosive 7 - Reactive by presence of strong oxidant 8 - Reactive by presence of strong reduct 9 - Reactive by other RCRA criteria or test/criteria
1o	Waste Form Code(s)	Code(s) that describes a hazardous waste’s general physical and chemical characteristics. A list of Waste Form Codes can be viewed here. Three (3) code maximum for this field.
1p	NAICS Codes	Enter the 5 or 6 digit North American Industry Classification System (NAICS) code that best represents the end products or services for which this waste was generated. A complete list of current NAICS Codes is available online at http://www.census.gov/naics/ These codes update every five (5) years.
1q	USDOT shipping name	Report the name required by U. S. Department of Transportation (USDOT) to be placed on manifests when the waste is shipped offsite.
1r	USDOT hazard class	Enter the USDOT hazard class code as defined by the USDOT regulations (check manifest).
1s	USDOT ID Code	Defined by USDOT Regulations at https://www.ecfr.gov/current/title-49/subtitle- B/chapter-I/subchapter-C. Commonly known as the UN or NA number.

ITEM		INSTRUCTIONS
2	Waste Stream Constituents	List the hazardous constituents in the waste and check the appropriate column for the units (percent by volume, percent by weight or parts per million (ppm)). For TCLP wastes (D004-D043), use ppm. If the EPA waste codes are F001-F005, specify the constituents.
3	Annual Generation and Handling	Report amounts of waste generated and handled during the specified report year. To ensure the numbers are correct, use the following formulas: **3a + 3b – 3c = 3d and 3d = 4a + 5a + 5b + 5c + 5d.**
3a	Amount generated	Accurately report the amount in kilograms or pounds of hazardous waste generated for this waste stream for the Report Year. Enter zero if no hazardous waste was generated during the reported year.
3b	Amount on-site Jan 1st	Enter amount in kilograms or pounds of hazardous waste in temporary storage and/or accumulation area(s) on January 1st of the Report Year. This should match Item 3c of the previous report year.
3c	Amount on-site Dec 31st	Enter amount in kilograms or pounds of hazardous waste in temporary storage and/or accumulation area(s) on December 31st of the Report Year.
3d	Amount handled	The amount handled is the amount of waste handled for treatment and/or disposal during the report year and is calculated using the following equations: **3a + 3b – 3c = 3d and 3d = 4a + 5a + 5b + 5c + 5d.**
4a	Total Amount Shipped Offsite	Enter the total amount of waste shipped offsite for the report year, which should match the amount reported as shipped offsite on the Offsite Shipping Report (form OSR).
4b	State Codes: Storage and final disposal/ treatment	Enter at least one of the state-TSDR handling codes that describes the technique(s) used to handle the waste through final disposition in the Report Year. A list of state-TSDR handling codes can be viewed here. If using one of the "other" codes, describe the treatment/disposal method in item 7, facility comments. For example: T18 – high temperature metal recovery.
4c	EPA Management Method	Enter the EPA management method code(s) that best represents the technique(s) used to handle the waste through final disposition. These codes can be found in block 19 on the manifest, typically. If the treatment/disposal method is known, use the EPA management method codes. A list of EPA Management Method Codes can be viewed here. If using one of the "other" codes, describe the treatment/disposal method in item 7, facility comments.
5	Generators: Onsite Handling	For onsite handling, use rows 5a-5d to represent different sets of handling procedures if necessary. Non-TSDR facilities must only use onsite handling codes 'H-Codes' (e.g., H03, H05, H06, H07, H09, H10). **Example Row 5a:** 1st box [10 lbs]; 2nd box [H09]; 3rd box: [H020].
	Permitted TSDR Facilities	TSDR Facilities: Hazardous wastes sent to permitted storage should then only be reported on the TSDR Permitted Activity Report (TPA form, CN-0876) and not on the WSR form. **Example 1 (Onsite handling) Row 5a:** 1st box [30 lbs]; 2nd box [H09]; 3rd box: [H020]. **Example 2 (Permitted Treatment or Storage) Row 5b:** 1st box [10 lbs]; 2nd box [S01]; 3rd box: [H141].
6	Hazardous Waste Reduction	Refer to the instruction sheet titled "Item 6 of Waste Stream Report (Waste Reduction)" for detailed instructions on how to complete this item.
7	Facility Comments	Use this space to add additional context to information provided in Items 1 through 5

Department of Environment & Conservation

INSTRUCTIONS FOR ITEM 6 OF FORM CN-0773 WASTE STREAM REPORT (WSR)

HAZARDOUS WASTE REDUCTION

All existing large and small quantity generators (LQGs and SQGs) are required to answer item 6. Large and small quantity generators shall have three years from the date they first became a large or small quantity generator, to complete their waste reduction plan.

Note: All generators are still required to notify the Department within 90 days of any new hazardous waste generation. A Waste Reduction Plan is required to be completed and available on site - see Rule 0400-12-01-.03(6).

This report becomes your Annual Summary Information Report which is public information. **Do not** submit a copy of your Waste Reduction Plan or Annual Progress Report as that is your confidential information.

6a. THIS YEAR RATIO

Calculate this year's ratio for this waste stream by dividing the year's hazardous waste generation (see 3a on Form WSR CN-0773) by the production achieved in standard production units. The "standard production unit" is set by you as a unit of measure of production for this waste stream and is set in your reduction plan. It is standard in the sense that you are to consistently use it in all future reporting. Try to design it so as to scale the results to a number between 1,000 and .001. You may have a different standard production unit for each waste generated. It should be meaningful to your operation, but may be adjusted to protect confidential business information. As long as your standard unit of measure is known only to you and is not disclosed, your actual levels of production cannot be derived from this report and your confidential business information is protected. **Do not record your standard production unit on this form**.

The **Standard Production Unit** is set by you as a unit of production for specific process that generated this waste stream. It is standard only in the sense that you are to consistently use the unit of measure in all further reporting for this waste stream. Your standard production unit for this waste stream is to be set in your reduction plan. If it must change, describe the reasons for the change in line 6g, but not what the new measure is. Use the revised standard unit to report this year's waste reduction data. Also, submit revised annual reports using the new standard unit for the past three years or to the beginning of reporting based on the waste reduction plan implementation, whichever is most recent.

6b. GOAL YEAR RATIO

Calculate your goal year ratio by dividing your goal hazardous waste generation in kilograms or pounds by the goal production in standard production units. If no numeric goal has been set for this waste stream, describe your efforts to set it in item 6g.

6c. GOAL YEAR

Record the year in which you seek to meet your reduction goal. Do not record your standard production unit on this form but only the resulting ratios on item 6. Do not show the ratios as fractions (e.g. 300/1000), but you may show numbers with decimals (e.g. .300). Try to design the standard production units of measure so as to scale the results to a number between 1,000 and .001. Example: An automobile service shop has a parts washer and has chosen to set a standard unit of measure equal to 10 work orders completed. While not every work order requires the use of the parts washer, most do and work orders are conveniently measurable. The number 10 is chosen to hide actual level of work done from competitors, although a competitor may have chosen a different standard production unit, namely barrels of clean parts washer utilized.

In this example one standard unit of production equals 10 work orders. The total number of work orders completed last year was 9,100. The number of standard work units is 9,100 work orders divided by 10 which equals 910 standard production units for last year.

The amount of waste from the parts washers was 5,200 kilograms last year. The actual ratio is 5,200 kilograms of waste divided by 910 standard production units which equals 5.7. Report the actual ratio as "5.7" and not "5200/910".

The shop intends to give the mechanics specific additional training in conserving the parts washer and hopes that in 3 years that the same level of work will result in only 4,100 kilograms of waste. Therefore, the goal ratio is 4,100 kilograms divided by 910 standard production units which equals 4.5. Report the goal ratio as "4.5" and not "4100/910" or "4100/9100 work orders."

The principles remain the same for other businesses. However, a dry cleaner may use hundreds of pounds of laundry for a standard unit of measure. A hospital may report in patients, patient-days, tests administered, doses given, etc. A manufacturer may report in boxes, cases, units, 1000's of items shipped, reams, tons, etc. In each case, the standard unit of production is chosen by you for this waste stream and can remain known only to you. Once chosen, it is to be used consistently for reporting your waste reduction activities. Its use does not disclose your levels of production and the unit should not to be disclosed on this form. However, if you write it on this form, be aware that these reports are public records and are subject to full disclosure.

FD071217

INSTRUCTIONS FOR ITEM 6 OF FORM CN-0773 WASTE STREAM REPORT (WSR)

HAZARDOUS WASTE REDUCTION (CONTINUED)

STATE OF TENNESSEE * DEPARTMENT OF ENVIRONMENT AND CONSERVATION * DIVISION OF SOLID WASTE MANAGEMENT * HAZARDOUS WASTE PROGRAM

6d. WASTE / TOXICITY REDUCTION EFFORT CODES

List one or more letter codes below to identify the efforts undertaken to reduce the volume and/toxicity of this waste. Include efforts taken in prior years that affected this year. Waste management after generation, handling methods or dips in economic cycles are not considered source reduction. Only in-process recycling counts as source reduction after the waste is generated.

Effort Code	Description
a	Reformulation/redesign of product
b	In-process recycling/process modification
c	Equipment/technology modification
d	Substituting raw materials
e	Improved operations
f	Reduction research/planning
g	No effort
h	Other

6e. WASTE REDUCTION IMPEDIMENT CODES

List one or more letter codes below of the items below that impeded your hazardous waste reduction plan and its results.

Impediment Code	Description
a	Training or technical assistance
b	Technical feasibility
c	Economic practicality
d	Measurement/accounting
e	Tennessee hazardous waste regulations
f	Implementation Previous Efforts
g	High costs of HW management
h	Accidental generation
i	Other

6f. CHANGE IN TOXICITY

As a result of your reduction efforts, how does the toxicity of this hazardous waste for the current Annual Report compare to the last report? Check only one block: “increase,” Decrease,” or “No change".

6g. NARRATIVE: EXPLAIN REPORTED DATA (IF APPLICABLE)

Provide additional information including impediments to hazardous waste reduction that may demonstrate your efforts to reduce generation.

6h. NARRATIVE: IF NO NUMERIC GOAL EXPLAIN WHY

Provide additional information if no numeric goal is specified (if applicable).

State of Tennessee
Department of Environment and Conservation
Division of Solid Waste Management
Davy Crockett Tower, 7th Floor
500 James Robertson Parkway
Nashville, TN 37243

RESET ALL

RESET COLUMN 4

PRINT FORM

OSR

PAGE _____ OF _____

YEAR

REPORTING UNITS (USE SAME THROUGHOUT)

☐ KGS ☐ LBS

HAZARDOUS WASTE OFFSITE SHIPPING REPORT

US EPA ID NUMBER	BUSINESS NAME

1	2	3	4	5	6	7	8	9
WS NUM OR "FS"	WASTE STREAM NAME OR US DOT SHIPPING NAME	EPA WASTE CODES	AMOUNT SHIPPED	NUMBER SHIPMENTS	TRANSPORTER 1 EPA ID NUMBER	DESIGNATED FACILITY EPA ID NUMBER	TSDR HANDLING CODES	EPA MANAGEMENT METHOD CODE
a			0.00					
b			0.00					
c			0.00					
d			0.00					
e			0.00					
f			0.00					
g			0.00					
h			0.00					
i			0.00					
j			0.00					

PAGE TOTAL

TOTAL AMOUNT SHIPPED: 0.00

TOTAL SHIPMENTS: 0

GRAND TOTAL
(IF LAST PAGE)

TOTAL AMOUNT SHIPPED: 0.00

TOTAL SHIPMENTS:

CERTIFICATION REQUIRED
(Complete Form HN-CS Including Section 7)

FD051624

Instructions for FORM OSR

YOU MUST DESIGNATE HOW YOU ARE REPORTING BY CHECKING KG OR LBS

For wastes shipped offsite only.

Summarize your offsite shipments of hazardous wastes for the reporting year. This information must be obtained from, and accountable to, your hazardous waste manifest copies returned by the TSDR. You and your TSDR must reconcile any manifest differences and report only the mutually corrected amounts or else file manifest discrepancy reports. Document the reasons for any corrections by using TSDR analyses, actual weights from scale receipts, manifest changes, etc.
Complete one line for each combination of initial transporter and TSDR who handled a waste. If the facility did not ship hazardous waste offsite for this report year, write "No Shipments" in the US DOT Shipping Name of "line a" and certify the report. If some wastes were shipped offsite, but others were not, omit those that were not shipped offsite.

COLUMN 1 WASTE STREAM NUMBER

Enter the source of the waste as the waste stream number from your Hazardous Waste Stream Report forms. For mixtures, enter as many numbers as appropriate. If you are a Treatment Storage and Disposal Recycling Facility and the waste is being shipped directly from your RCRA permitted storage, enter "FS" (From Permitted Storage) .

COLUMN 2 WASTE STREAM NAME or US DOT SHIPPING NAME

Enter only one of either a descriptive waste name or the DOT shipping name. Enter each different waste or waste combination on a separate line. Enter various mixtures of the same constituent wastes on the same line unless the hazard characteristics of the resultant mixtures are different.

COLUMN 3 EPA WASTE CODES

Enter the applicable hazardous waste code(s) which identifies the waste or combination of wastes. See Rules 0400-12-01-.02(3) and (4) for the EPA waste codes. (For example, F001, K001, D001.)

COLUMN 4 AMOUNT SHIPPED (in kilograms or pounds) YOU MUST DESIGNATE HOW YOU ARE REPORTING BY CHECKING KG OR LBS

Enter the amount of wastes in kilograms or pounds that you shipped during the reporting year to the specified TSDR facility by the specified transporter. Use the Total Quantity (Item 13) from the Manifest after converting it to kilograms or pounds. The weight reported should include the weight of the drum unless you know that the waste will be removed from the drum and the drum will not be handled as a hazardous waste. For generators, this amount should match the total of items 4a of the Waste Stream Reports that are included on this line. For TSDR's, it should match the lines on the Summary Report with the word "SHIPPED" in the handling column and the total of item 4a of the WS report.

COLUMN 5 NUMBER OF SHIPMENTS

Enter the number of separately manifested shipments during the reporting year for each line completed.

COLUMN 6 TRANSPORTER 1 US EPA ID NUMBER

Enter the US EPA ID NUMBER of the initial transporter (transporter 1 on the manifest) who picked up the waste. Enter only one number.

COLUMN 7 DESIGNATED FACILITY US EPA ID NUMBER

Enter the US EPA ID NUMBER of the designated facility to which the waste was shipped. Enter only one number.

COLUMN 8 TSDR HANDLING CODES

Enter the TSDR Handling Codes that most closely represent the techniques you contracted to be used at the facility that received this waste. Enter all codes that are applicable in the order of handling of the waste. Use only the TSDR Handling Codes and not the Waste Management Codes.

COLUMN 9 EPA MANAGEMENT METHOD CODE

Enter the EPA management method Code that best represents the techniques you used to handle the waste through final disposition.

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
WILLIAM R. SNODGRASS TENNESSEE TOWER
312 ROSA L. PARKS AVENUE, 14TH FLOOR
NASHVILLE, TN 37243

HOW TO CALCULATE YOUR ANNUAL HAZARDOUS WASTE GENERATOR FEE USING FORM CN-0906 (G-FDS)

Part 1 - GENERATION - GUIDANCE AND GENERAL COMMENTS

Note: If this form is filled out online, calculated amounts will automatically be entered by the computer program.

- **UNIT OF MEASURE**
  REQUIRED INFORMATION: You are required to select the units you are using to calculate your hazardous waste generation base fee. Use these units throughout. (Pounds = Kilograms multiplied by 2.2046).
- **CHANGE IN OWNERSHIP OR LOCATION**
  Additional fees apply. If you changed locations, you will be required to obtain a new EPA ID.
- **Establish your appropriate hazardous waste generator base fee category** according to Rule 0400-12-01-.08(5)(a). Refer to Rules 0400-12-01-.02 and 0400-12-01-.03 for more information on the distinctions between Large Quantity Generators (**LQGs**), Small Quantity Generators (**SQGs**) and Very Small Quantity Generators (**VSQGs**).
- **Include reportable amounts of hazardous waste** (i.e. satellite accumulation, wastewater, etc.). Do not report on excluded waste as defined by Rule 0400-12-01-.01(4), 0400-12-01-.02(1)(d) and 0400-12-01-.09(6), (7), (13) and (14). Note: Do not include wastes generated from the cleanup or containment of a Superfund site or "a spill on public property".

  The provisions of Rule 0400-12-01-.03(1)(d) identifies wastes that do not have to be counted in determining if a generator is a Very Small Quantity Generator or VSQG. A generator who qualified as a VSQG in every calendar month of the reporting year is not required to complete and submit this form. VSQG's who accumulated more than 1,000 kilograms (2,200 pounds) of hazardous waste at any one time during the Reporting Year must report.

LINE 1	**Largest amount of hazardous waste generated in ANY CALENDAR MONTH of the reporting year** This amount will come from onsite records. Select appropriate category.
LINE 2	**Largest amount of hazardous waste accumulated AT ANYTIME in the reporting year** This amount should come from onsite records. Select appropriate category.
LINE 3	**Largest amount of "acute" hazardous waste generated in ANY CALENDAR MONTH of the reporting year** See Rule 0400-12-01-.02(4)(a)4. Select appropriate category.
LINE 4	**Largest amount of "acute" hazardous waste spill cleanup residue generated in ANY CALENDAR MONTH of the reporting year** See Rule 0400-12-01-.02(4)(d)4. Select appropriate category.
LINE 5	**Hazardous waste GENERATOR BASE FEE** Enter the largest applicable fee amount based on selections from Lines 1– 4. The amount entered on Line 5 must be $0, $1,200 or $2,000. If line 5 is $0, then omit **Part 2 –Offsite Shipping Fees**. Proceed to **Part 3 CERTIFICATION REQUIRED**.

Part 2 - OFFSITE SHIPPING FEES

LINE 6	**Enter the total amount of hazardous waste shipped during the report year.** Total of ALL offsite shipped hazardous waste from ALL PAGES (GRAND TOTAL) entered in column 4 on the Offsite Shipping Report (Form CN-0779).
LINE 7	**Amount of Line 6 resulting from a TDEC or EPA remediation or corrective action activity.** Enter the amount of Line 6 resulting from a TDEC or EPA remediation or corrective action activity required by a permit, order or other enforceable document. (See Rules 0400-12-01-.08(5)(d)2).
LINE 8	**Amount of Line 6 that was recycled/recovered through ion exchange (T30), distillation (T54), solvent recovery (T63), lead smelting, precious metals recovery and/or high temperature metal recovery.** Enter the amount of hazardous waste from Line 6 that was treated by any of the above listed treatment methods. (See Rule 0400-12-01-.08(5)(d)1 for further clarification).
LINE 8A	**Add Lines 7 and 8** This is the total amount of Excluded Wastes from Offsite Shipping fees for the Report Year.
LINE 9	**Subtract Line 8A From Line 6 - SUBTOTAL SUBJECT TO FEES** This is the total amount remaining of Waste Shipped Offsite that is subject to FEES.

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Part 2 - OFFSITE SHIPPING FEES (continued)

LINE 10	**Amount of Line 9 with a thermal heating value greater than 5,000 BTU per pound that was legitimately recycled by burning it as a fuel in a boiler or industrial furnace (T50 and T80 through T93 or blended into a fuel).** Enter the amount of hazardous waste from Line 9 that was burned for energy recovery with a thermal heating value greater than 5,000 BTU per pound that was legitimately recycled by burning it as a fuel in a boiler or industrial furnace. (See Rule 0400-12-01-.08(5)(c)1).
LINE 11	**Amount of Line 9 that was hazardous wastewaters [(< 1% total organic carbon (TOC) and < 1% total suspended solids (TSS)]** Enter the amount from Line 9 that consisted of wastewaters shipped offsite containing < 1% total organic carbon (TOC) and < 1% total suspended solids (TSS). (See Rule 0400-12-01-.08(5)(c)2).
LINE 11A	**Add Lines 10 and 11 Total Amount of identified waste available for fees**
LINE 12	**Line 9 Remaining unidentified wastes eligible for fees**
LINE 13	**CALCULATE** Multiply Line 10 by $0.0012 (if in pounds) or $0.00264552 (if in kilograms) to determine this fee and enter the amount on Line 13. (Round to two decimal places).
LINE 14	**CALCULATE** Multiply the amount on Line 11 by $0.0047 (if in pounds) or $0.01036162 (if in kilograms) and enter this fee on Line 14. (Round to two decimal places).
LINE 15	**CALCULATE** Multiply Line 12 by $0.0088 (if in pounds) or $0.01940048 (if in kilograms) to determine the offsite shipping fee for non-excluded waste and enter the amount on Line 14. (Round to two decimal places).
LINE 16	**OFFSITE SHIPPING FEE** Add Lines 13, 14 and 15 to determine the total offsite shipping fee and enter the amount on Line 16.
LINE 17	**OFFSITE SHIPPING FEE CALCULATION** Enter on Line 17 the amount on Line 16 or $29,200 (whichever is the smaller amount).
LINE 18	**TOTAL ANNUAL HAZARDOUS WASTE GENERATION FEE** Add Lines 5 and 17.

Part 3 - Certification (Required)

Complete Form HN-CS (Form CN-1442 Including Section 7).

State of Tennessee
Department of Environment and Conservation
Division of Solid Waste Management
Davy Crockett Tower, 7th Floor
500 James Robertson Parkway
Nashville, TN 37243

RESET

PRINT FORM

G-FDS
GENERATOR
REPORT YEAR YYYY

ANNUAL HAZARDOUS WASTE GENERATION FEE DETERMINATION

EPA ID NUMBER	SITE / BUSINESS NAME

REQUIRED ▶▶	CHECK UNIT OF MEASURE YOU ARE REPORTING (Pounds = Kilograms multiplied by 2.2046) ☐ POUNDS ☐ KILOGRAMS	CHANGE OF OWNERSHIP OR LOCATION? ☐ YES ☐ NO

PART 1 GENERATION

LINES 1 – 4 ARE DESIGNED TO ESTABLISH YOUR APPROPRIATE HAZARDOUS WASTE GENERATOR BASE FEE CATEGORY ACCORDING TO RULE 0400-12-01-.08(5)(a). FOR A LIST OF WASTES THAT ARE EXCLUDED FROM GENERATION FEES, SEE THE INSTRUCTIONS ENTITLED: "HOW TO CALCULATE YOUR ANNUAL HAZARDOUS WASTE GENERATOR FEE"

CHECK ONLY ONE IN EACH CATEGORY (I, II, III, IV) FOR THE REPORTING YEAR:

I. LARGEST AMOUNT OF HAZARDOUS WASTE GENERATED IN ANY CALENDAR MONTH IN THE REPORT YEAR

☐ ZERO AMOUNTS, NONE GENERATED	**$0**	**LINE 1**
☐ GREATER THAN ZERO BUT LESS THAN OR EQUAL TO 100 KGS (220 LBS)	**$0**	
☐ GREATER THAN 100 KGS (220 LBS) BUT LESS THAN 1000 KGS (2200 LBS)	**$1200**	
☐ 1000 KGS (2200 LBS) OR MORE	**$2000**	

II. LARGEST AMOUNT OF NON-ACUTE HAZARDOUS WASTE ACCUMULATED AT ANY TIME IN THE REPORT YEAR (PRIOR TO BEING SHIPPED OFFSITE).

☐ ZERO AMOUNTS, NONE ACCUMULATED	**$0**	**LINE 2**
☐ MORE THAN ZERO BUT LESS THAN OR EQUAL TO 1000 KGS (2200 LBS) GREATER	**$0**	
☐ THAN 1000 KGS (2200 LBS) BUT LESS THAN 6000 KGS (13,200 POUNDS)	**$1200**	

III. LARGEST AMOUNT OF ACUTE HAZARDOUS WASTE GENERATED IN ANY CALENDAR MONTH IN THE REPORT YEAR

☐ ZERO AMOUNTS, NONE GENERATED	**$0**	**LINE 3**
☐ MORE THAN 1 KG (2.2 LBS)	**$2000**	

IV. LARGEST AMOUNT OF ACUTE HAZARDOUS WASTE SPILL CLEANUP RESIDUE GENERATED IN ANY CALENDAR MONTH IN THE REPORT YEAR

☐ ZERO AMOUNTS, NONE GENERATED	**$0**	**LINE 4**
☐ MORE THAN 100 KGS (220 LBS)	**$2000**	

CALCULATE YOUR HAZARDOUS WASTE GENERATION BASE FEE

ENTER ON LINE 5 THE LARGEST APPLICABLE FEE AMOUNT SELECTED ON LINES 1 THROUGH 4 ABOVE - - ENTER **$0, $1200,** OR **$2000** $ $0.00 **LINE 5**

518

NOTE: TREATMENT, STORAGE AND DISPOSAL FACILITIES ARE ALSO REQUIRED TO COMPLETE FORM CN-0912 (TSD-FDS)

FD051624

EPA ID NUMBER	SITE / BUSINESS NAME

PART 2 OFFSITE SHIPPING FEES (IF LINE 5 IS $0, SKIP TO PART 3)

ENTER THE **TOTAL** AMOUNT OF HAZARDOUS WASTE SHIPPED DURING THE REPORT YEAR	0.00	**LINE 6**
AMOUNT OF LINE 6 RESULTING FROM A TDEC OR EPA REMEDIATION OR CORRECTIVE ACTION ACTIVITY	0.00	**LINE 7**
AMOUNT OF LINE 6 THAT WAS RECYCLED / RECOVERED THROUGH ION EXCHANGE (T30), DISTILLATION (T54), SOLVENT RECOVERY (T63), LEAD SMELTING, PRECIOUS METALS RECOVERY, AND / OR HIGH TEMPERATURE METAL RECOVERY	0.00	**LINE 8**
ADD LINES 7 AND 8	0.00	**LINE 8A**
SUBTRACT LINE 8A FROM LINE 6 - SUBTOTAL SUBJECT TO FEES	0.00	**LINE 9**
AMOUNT OF LINE 9 WITH A THERMAL HEATING VALUE GREATER THAN 5000 BTU PER POUND THAT WAS LEGITIMATELY RECYCLED BY BURNING IT AS A FUEL IN A BOILER OR INDUSTRIAL FURNACE (T50 AND T80 THROUGH T93) OR BLENDING IT INTO SUCH FUEL	0.00	**LINE 10**
AMOUNT OF LINE 9 THAT WAS WASTEWATERS [<1% TOTAL ORGANIC CARBON (TOC) AND < 1% TOTAL SUSPENDED SOLIDS (TSS)]	0.00	**LINE 11**
ADD LINES 10 AND 11	0.00	**LINE 11A**
LINE 9 MINUS SUM OF LINE11A	0.00	**LINE 12**
MULTIPLY LINE 10 BY $0.0012 (IF IN POUNDS) OR $0.00264552 (IF IN KILOGRAMS)	$0.00	**LINE 13**
MULTIPLY LINE 11 BY $0.0047 (IF IN POUNDS) OR $0.01036162 (IF IN KILOGRAMS)	$0.00	**LINE 14**
MULTIPLY LINE 12 BY $0.0088 (IF IN POUNDS) OR $0.01940048 (IF IN KILOGRAMS)	$0.00	**LINE 15**
ADD LINES 13, 14 AND 15	$0.00	**LINE 16**

CALCULATE YOUR HAZARDOUS WASTE OFFSITE SHIPPING FEE

558	ENTER THE AMOUNT FROM LINE 16 OR $29,200 (WHICHEVER IS SMALLER)	$0.00	**LINE 17**

CALCULATE YOUR TOTAL HAZARDOUS WASTE GENERATION FEE

PRINT FORM

ADD LINES 5, 17 **PAY THIS AMOUNT ▶** $0.00 **LINE 18**

MAKE CHECK PAYABLE TO:
"TREASURER, STATE OF TENNESSEE"
INCLUDE THE FACILITY'S EPA ID NUMBER ON YOUR REMITTANCE. SEND TO:

State of Tennessee
Department of Environment and Conservation
Division of Fiscal Services -Consolidated Fee Section
Davy Crockett Tower, 6th Floor
500 James Robertson Parkway
Nashville, TN 37243

PART 3 - CERTIFICATION REQUIRED

(Complete Form HN-CS (Form CN-1442 Including Section 7)

State of Tennessee
Department of Environment and Conservation
Division of Solid Waste Management
Davy Crockett Tower, 7th Floor
500 James Robertson Parkway
Nashville, TN 37243

RESET FORM

NF

REPORT YEAR
OFFICE USE ONLY

HAZARDOUS WASTE NOTIFICATION FEES

	FORM MAY BE USED TO:	GET AN EPA ID	PAY ANNUAL FEES	
WHO MAY USE THIS FORM	HW GENERATOR	YES	NO	WHO MAY NOT USE THIS FORM
	HW TSD FACILITY	YES	NO	
	HW TRANSFER FACILITY	YES	YES	
	USED OIL TRANSPORTER	YES	YES	HW TRANSPORTER (USE FORM TRFDS)
	USED OIL TRANSFER FACILITY	YES	YES	
	USED OIL PROCESSOR - RE-REFINER	YES	YES	
	UNIVERSAL WASTE DESTINATION FACILITY	YES	YES	

EPA ID CURRENTLY ASSIGNED TO YOU *NEW SITES, LEAVE BLANK*	PROVIDE SITE, BUSINESS, OR INSTALLATION NAME	USED OIL REGISTRATION NUMBER *IF YOU ARE A REGISTERED USED OIL SITE*

NEW SITES	EXISTING SITES			CHECK APPLICABLE CATEGORY AT LEFT AND ENTER FEE AMOUNT IN CATEGAGORY TOTAL	CODE FEE	AMOUNT	CATEGORY TOTAL
				IF YOU CHECK 3A or 4A or 8A ON FORM TRFDS, DO NOT CHECK 1A BELOW			
YES	NO		1A	**NEW SITE:** I DO NOT HAVE AN EPA ID NUMBER FOR THIS SITE AND AM APPLYING FOR ONE NOW	538	$150.00	$0.00 1A TOTAL
YES	NO		2A	**OWNER CHANGE:** I AM CURRENTLY REGISTERED UNDER THE EPA ID NUMBER I ENTERED ABOVE AND WANT TO NOTIFY TDEC OF A CHANGE IN OWNERSHIP	538	$150.00	
				IF YOU CHECK BOTH 2A AND 3A THE MAXIMUM FEE IS $150.00			$0.00 2A OR 3A TOTAL
NO	YES		3A	**RELOCATION** I AM CURRENTLY REGISTERED UNDER THE EPA ID NUMBER I ENTERED ABOVE BUT HAVE MOVED AND NEED A NEW EPA ID	538	$150.00	
				FOR 3A - ANNUAL MAINTENANCE FEES IN PART 5 BELOW ARE ALSO DUE UPON RELOCATION			
YES	YES		4A	**WASTE STREAM ADD FEE** ENTER NUMBER OF WASTE STREAMS YOU ARE ADDING [ ] $100.00 EACH			$ $0.00 4A TOTAL

OFFICE USE ONLY >	WS#	WS#	WS#	WS#	WS#	WS#

		ANNUAL MAINTENANCE FEES	ALSO REQUIRED:	ANNUAL DUE DATE	CODE	FEE AMOUNT	
YES	YES	5A HW TRANSFER FACILITY	1) AT TIME OF NOTIFICATION AND ANNUALLY THEREAFTER BY DUE DATES	DEC 31	572	$850.00	$0.00
		5B USED OIL TRANSPORTER (TN AND OUT OF STATE		MARCH 1	573	$200.00	$0.00
		5C USED OIL TRANSFER FACILITY	2) UPON RELOCATION AND ANNUALLY THEREAFTER BY DUE DATE	MARCH 1	574	$1000.00	$0.00
		5D USED OIL PROCESSOR / RE-REFINER		MARCH 1	571	$2000.00	$0.00
		5E UNIVERSAL WASTE DESTINATION FACILITY		MARCH 1	570	$2000.00	$0.00

MAKE PAYABLE TO: "TREASURER, STATE OF TENNESSEE"

PAY THIS AMOUNT $0.00

GRAND TOTAL

CERTIFICATION REQUIRED (Complete Form HN-CS Including Section 7)

TDEC OFFICE USE ONLY

FAC ID	LOG ID CODE	STAFF INITIALS	DATE	GIA CUSTOMER #	UOP NUMBER	( ) NEWLY ASSIGNED ( ) TRANSFERRED EAP ID NUMBER

FD0051624

State of Tennessee
Department of Environment and Conservation
Division of Solid Waste Management
Davy Crockett Tower, 7th Floor
500 James Robertson Parkway
Nashville, TN 37243

RESET FORM

PRINT

HN-C

TDEC USE ONLY

___ A ___ F

HAZARDOUS WASTE CLOSURE NOTIFICATION

NOTIFICATION OF CLOSURE OF A FACILITY *MUST BE MADE 30 DAYS PRIOR TO CLOSING*. CERTIFICATION REQUIRED
(Complete Form CN-1442 HN-CS Including Section 7)
REFER TO RULE: 0400-12-01-.03

1. CURRENT SITE DATA

EPA ID NUMBER	USED OIL REGISTRATION #	DATE FILED

BUSINESS NAME

PERSON TO CONTACT REGARDING CLOSURE | PHONE | FAX | EMAIL

ADDRESS | CITY | STATE | ZIP

2. REASON FOR FILING

____ **ENDING ENVIRONMENTAL ACTIVITY**
(COMPLETE SECTION 3) →

____ **CLOSING ACCUMULATION UNITS (LQG)**
(SKIP TO SECTION 5)

____ **REPORTING CLOSURE COMPLETE (LQG)**

____ **CLOSING A FACILITY (LQG)**
(*SKIP TO SECTION 4)*

____ **REQUESTING AN EXTENSION TO CLOSE (LQG)**
(SKIP TO SECTION 6)

____ **OTHER (SPECIFY)**

3. ENVIRONMENTAL ACTIVITY END DATES

(ENTER DATE THE ENVIRONMENTAL ACTIVITY ENDED (OR WILL END)

____ **GENERATOR** _____

____ **TRANSPORTER** _____

____ **TRANSFER FACILITY** _____

____ **USED OIL** _____

____ **UNIVERSAL WASTE HANDLER OR DESTINATION FACILITY** _____

4. FACILITY LEVEL

____ **SITE CLOSURE** *ENTER DATES* →
____ PARTIAL
____ TOTAL
____ TEMPORARY
____ PERMANENT

____ **BUSINESS INTERRUPTION** *ENTER DATES* →
____ ACTUAL
____ PROJECTED

____ **BUSINESS RESUMPTION** *ENTER DATES* →
____ ACTUAL
____ PROJECTED

5. ACCUMULATION UNIT CLOSURE

____ **CONTAINER(S)** —
DESCRIBE

____ **DRIP PAD(S)** —
DESCRIBE

____ **TANK(S)** —
DESCRIBE

____ **CONTAINMENT BUILDING(S)** —
DESCRIBE

____ **OTHER** —
DESCRIBE

6. DATES

_____ EXPECTED **CLOSURE** DATE

_____ DATE **EXTENSION** REQUESTED

_____ **NEW EXPECTED** CLOSURE DATE

_____ DATE OF BUSINESS **INTERRUPTION**

_____ DATE OF BUSINESS **RESUMPTION**

_____ DATE **UNIT(S) RETURNED** TO SERVICE

_____ **ACTUAL CLOSURE** DATE

_____ DATE **OPERATING RECORD** UPDATED

FD051624

EPA ID NUMBER USED OIL REGISTRATION # BUSINESS NAME

7. CLOSURE CHECKLIST (CONTINUED)

____ BUSINESS WAS COMPLETELY **DESTROYED**

____ SITE LOCATION PERMANENTLY **ALTERED OR DESTROYED**

____ DAMAGE OR DESTRUCTION **LIMITED ACCESS** TO SITE

____ DAMAGE OR DESTRUCTION RESULTED IN **LOSS OF RECORDS**

____ DAMAGE OR DESTRUCTION CAUSED A **RELEASE OR SPILL**

____ A LIST OF POSSIBLE **CONTAMINANTS** AT SITE IS ATTACHED

____ A LIST OF AREAS OF **SPECIFIC CONCERN** IS ATTACHED

____ HAZARDOUS WASTE CONTAMINATED CONTAINERS, TANKS, LINERS, BASES, MATERIALS, EQUIPMENT, STRUCTURES, SOIL OR DEBRIS HAVE BEEN DECONTAMINATED OR **DISPOSED** OF AT A DESIGNATED FACILITY

____ HAZARDOUS MATERIALS / WASTE HAVE BEEN **REMOVED** FROM SITE

____ HAZARDOUS **WASTE STREAMS** HAVE BEEN CLOSED - FORM WSR FOR EACH WASTE STREAM IS ATTACHED

____ **FINAL CLEANING** / DECONTAMINATION OF SITE COMPLETED

____ DISPOSAL OF **DECONTAMINATION WASTES** COMPLETE

____ CONTINUED **MONITORING** OF SITE REQUIRED

____ **LAND USE** RESTRICTIONS ARE REQUIRED

____ **OTHER** CONTROLS SUCH AS FENCING, etc. REQUIRED

____ HAZARDOUS WASTE **HAS BEEN PREVENTED** FROM ENTERING LEACHATE, RUN-OFF, SURFACE WATER, GROUNDWATER AND THE ATMOSPHERE

____ OTHER LOCAL, STATE, AND FEDERAL AGENCIES HAVE BEEN **NOTIFIED**

NOTES

8. FINAL HAZARDOUS WASTE SHIPMENT

DATE **MANIFEST NUMBER(S)**

TRANSPORTER(S) (INCLUDE EPA ID NUMBERS)

DESTINATION FACILITY OR FACILITIES (INCLUDE EPA ID NUMBERS)

9. TDEC USE ONLY

____ RECEIVED IN CENTRAL OFFICE _____

____ EFO NOTIFIED _____

____ SITE INSPECTION, VISIT _____

____ CLOSURE GROUP NOTIFIED _____

____ SITE FILED A FINAL ANNUAL REPORT _____

____ HAS CLOSED AND IS IN COMPLIANCE _____

COMMENTS

____ TRACKING SYSTEMS, DATABASES UPDATED _____

EPA ID FAC ID GIA WASTESTREAMS STAFF DATE CLOSURE COMPLETED

Code Listing for Hazardous Waste Form

EPA Source Code Listing
for the Hazardous Waste Stream Report (WSR Form)

Report on the WSR Form in **Item 1b1** (Source Code)	
Wastes From on-going Production and Service Processes	
Code	**Description**
G01	Dip, flush or spray rinsing (using solvents to clean or prepare parts or assemblies for further processing)
G02	Stripping and acid or caustic cleaning (using caustics to remove coatings or layers from parts or assemblies)
G03	Plating and phosphating (electro- or non-electroplating or phosphating)
G04	Etching (using caustics or other methods to remove layers or partial layers)
G05	Metal forming and treatment (pickling, heat treating, punching, bending, annealing, grinding, hardening, etc.)
G06	Painting and coating (manufacturing, building, or maintenance)
G07	Product and by-product processing (direct flow of wastes from chemical manufacturing or processing, etc.)
G08	Removal of spent process liquids or catalysts (bulk removal of wastes from chemical manufacturing or processing, etc.)
G09	Other production or service-related processes from which the waste is a direct outflow or result
Wastes From Other Intermittent Events or Processes	
Code	**Description**
G11	Discarding off-specification, out-of-date, and/or unused chemicals or products
G12	Lagoon or sediment dragout and leachate collection (large scale operations in open pits, ponds, or lagoons)
G13	Cleaning out process equipment (periodic sludge or residual removal from enclosed processes including internal scrubbing or cleaning)
G14	Removal of tank sludge, sediments or slag (periodic sludge or residual removal from storage tanks including internal scrubbing or cleaning)
G15	Process equipment change-out or discontinuation of equipment use (final materials and residuals removal including cleaning)
G16	Oil changes and filter or battery replacement (automotive, machinery, etc.)
G17	Subpart K laboratory waste clean-out (facility must have opted into the Subpart K rule to use this source code)
G19	Other one-time or intermittent processes
Residuals From Pollution Control and Waste Management Processes	
Code	**Description**
G21	Air pollution control devices (e.g., baghouse dust ash, etc. from stack scrubbers or precipitators; vapor collection, etc.)
G22	Laboratory analytical wastes (used chemicals from laboratory operations)
G23	Wastewater treatment (sludge, filter cake, etc., including wastes from treatment before discharge by NPDES or POTW or by UIC disposal)
G24	Solvent or product distillation as part of a production process (including totally enclosed treatment systems)
G25	Treatment, disposal, or recycling of hazardous wastes
G26	Leachate collection (from landfill operations or other land units)
G27	Treatment or recovery of universal waste

Wastes From Spills and Accidental Releases	
Code	**Description**
G31	Accidental contamination of products, materials or containers
G32	Cleanup of spill residues (infrequent, not routine)
G33	Leak collection and floor sweeping (on-going, routine)
G39	Other cleanup of current contamination (specify in comments)
Wastes From Remediation of Past Contamination	
Code	**Description**
G41	Closure of hazardous waste management unit under RCRA
G42	Corrective action at a solid waste management unit under RCRA
G43	Remedial action or emergency response under Superfund
G44	Cleanup under State or voluntary program
G45	Cleanup of underground storage tank
G49	Other remediation
Wastes Received by an LQG From VSQGs Under the Control of the Same Person	
Code	**Description**
G51	Hazardous wastes received by an LQG from VSQGs under the control of the same person
Wastes Not Physically Generated On-site	
Code	**Description**
G61	Received from off-site for storage/bulking and transfer off-site for treatment or disposal
G62	Hazardous waste received from a site located in a foreign country (other than a U.S. territory or protectorate)
G76	Evaluated hazardous waste pharmaceuticals accumulated by a reverse distributor
G77	Airbag waste received from airbag waste handlers exempted under 40 CFR 261.7(j) prior to arrival at the airbag collection facility or designated facility

EPA Form Code Listing
for the Hazardous Waste Stream Report (WSR Form)

Report in **Item 1o** (Waste Form Code(s)) on the WSR Form	
Mixed Media / Debris / Devices	
Code	**Description**
W001	Lab packs from any source not containing acute hazardous waste
W002	Contaminated debris: (e.g., certain paper, clothing, rags, wood, empty fiber or plastic containers, glass, piping, or other solids)
W004	Lab packs from any source containing acute hazardous waste
W005	Waste pharmaceuticals managed as hazardous waste
W006	Airbag waste (airbag modules or airbag inflators managed as hazardous waste)
W301	Contaminated soil (usually from spill cleanup
W309	Batteries, battery parts, cores, casings
W310	Filters, solid adsorbents, ion exchange resins and spent carbon
W320	Electrical devices (lamps, thermostats, CRTs, etc.)
W512	Sediment or lagoon dragout, drilling or other muds
W801	Compressed gases
Inorganic Liquids	
Code	**Description**
W101	Very dilute aqueous waste containing more than 99% water (land disposal restriction defined wastewater that is not exempt under NPDES or POTW discharge)
W103	Spent concentrated acid (5% or more)
W105	Acidic aqueous wastes less than 5% acid (diluted but pH <2)
W107	Aqueous waste containing cyanides (generally caustic)
W110	Caustic aqueous waste without cyanides (pH >12.5)
W113	Other aqueous waste or wastewaters (fluid but not sludge)
W117	Waste liquid mercury (metallic)
W119	Other inorganic liquid
Organic Liquids	
Code	**Description**
W200	Still bottoms in liquid form (fluid but not sludge)
W202	Concentrated halogenated (e.g., chlorinated) solvent
W203	Concentrated non-halogenated (e.g., non-chlorinated) solvent
W204	Concentrated halogenated/non-halogenated solvent mixture
W205	Oil-water emulsion or mixture (fluid but not sludge)
W206	Waste oil managed as hazardous waste
W209	Paint, ink, lacquer, or varnish (fluid - not dried out or sludge)
W210	Reactive or polymerizable organic liquids and adhesives (fluid but not sludge)
W211	Paint thinner or petroleum distillates
W219	Other organic liquid

Inorganic Solids	
Code	**Description**
W303	Ash (from any type of burning of hazardous waste)
W304	Slags, drosses, and other solid thermal residues
W307	Metal scale, filings and scrap (including metal drums)
W312	Cyanide or metal cyanide bearing solids, salts or chemicals
W316	Metal salts or chemicals not containing cyanides
W319	Other inorganic solids
Organic Solids	
Code	**Description**
W401	Pesticide solids (used or discarded; not contaminated soils)
W403	Solid resins, plastics or polymerized organics
W405	Explosives or reactive organic solids
W406	Dried paint (paint chips, filters, air filters, other)
W409	Other organic solids
Inorganic Sludges	
Code	**Description**
W501	Lime and/or metal hydroxide sludges and solids with no cyanides (not contaminated muds)
W503	Gypsum sludges from wastewater treatment or air pollution control
W504	Other sludges from wastewater treatment or air pollution control
W505	Metal bearing sludges (including plating sludge) not containing cyanides
W506	Cyanide-bearing sludges (not contaminated soils)
W519	Other inorganic sludges (not contaminated muds)
Organic Sludges	
Code	**Description**
W603	Oily sludge (not contaminated muds)
W604	Paint or ink sludges, still bottoms in sludge form (not contaminated muds)
W606	Resins, tars, polymer or tarry sludge (not contaminated muds)
W609	Other organic sludge

Handling Codes for Treatment, Storage, and Disposal Methods
for the Hazardous Waste Stream Report (WSR Form)

Report in **Item 4b, 5a, 5b, 5c, 5d** on the WSR Form	
TSDR Disposal Methods	
Code	**Description**
D79	Underground Injection
D80	Landfill
D81	Land Treatment
D82	Ocean Disposal
D83	Surface Impoundment to Be Closed as a Landfill
D99	Other Disposal (Specify)
TSDR Storage Methods	
Code	**Description**
S01	Storage in a Container, Barrel, Drum Etc
S02	Storage in a Tank
S03	Storage in a Waste Pile
S04	Storage in a Surface Impoundment
S05	Drip Pad Storage
S06	Containment Building (Storage)
S99	Other Storage (Specify)
Onsite Handling	
Code	**Description**
H03	Released Onsite Directly to POTW
H05	On-Site Treatment in Enclosed System
H06	On-Site Wastewater Treatment Unit
H07	On-Site Elementary Neutralization
H09	On-Site Resource Recovery
H10	Other On-Site Handling (Specify)
TSDR Thermal Treatment	
Code	**Description**
T06	Liquid Injection Incinerator
T07	Rotary Kiln Incinerator
T08	Fluidized Bed Incinerator
T09	Multiple Hearth Incinerator
T10	Infrared Furnace Incinerator
T11	Molten Salt Destructor
T12	Pyrolysis
T13	Wet Air Oxidation
T14	Calcination
T15	Microwave Discharge
T18	Other (Specify)

TSDR Chemical Treatment	
Code	**Description**
T19	Absorption Mound
T20	Absorption Field
T21	Chemical Fixation
T22	Chemical Oxidation
T23	Chemical Precipitation
T24	Chemical Reduction
T25	Chlorination
T26	Chlorinolysis
T27	Cyanide Destruction
T28	Degradation
T29	Detoxification
T30	Ion Exchange
T31	Neutralization
T32	Ozonation
T33	Photolysis
T34	Other (Specify)
TSDR Physical Treatment by Separation	
Code	**Description**
T35	Centrifugation
T36	Clarification
T37	Coagulation
T38	Decanting
T39	Encapsulation
T40	Filtration
T41	Flocculation
T42	Flotation
T43	Foaming
T44	Sedimentation
T45	Thickening
T46	Ultrafiltration
T47	Other (Specify)
TSDR Physical Treatment Removal of Specific Components	
Code	**Description**
T48	Absorption-molecular Sieve
T49	Activated Carbon
T50	Blending
T51	Catalysis
T52	Crystallization
T53	Dialysis
T54	Distillation

TSDR Physical Treatment Removal of Specific Components Con't	
Code	**Description**
T55	Electrodialysis
T56	Electrolysis
T57	Evaporation
T59	Leaching
T58	High Gradient Magnetic Separation
T60	Liquid Ion Exchange
T61	Liquid-liquid Extraction
T62	Reverse Osmosis
T63	Solvent Recovery
T64	Stripping
T65	Sand Filter
T66	Other (Specify)
Miscellaneous (Subpart X)	
Code	**Description**
X01	Open Burning / Open Detonation
X02	Mechanical Processing
X03	Thermal Unit
X04	Geologic Repository
X99	Other Subpart X (Specify)
TSDR Biological Treatment	
Code	**Description**
T67	Activated Sludge
T68	Aerobic Lagoon
T69	Aerobic Tank
T70	Anaerobic Tank
T71	Composting
T72	Septic Tank
T73	Spray Irrigation
T74	Thickening Filter
T75	Trickling Filter
T76	Waste Stabilization Pond
T77	Other (Specify)
TSDR Boilers and Industrial Furnaces	
Code	**Description**
T80	Boiler
T81	Cement Kiln
T82	Lime Kiln
T83	Aggregate Kiln
T84	Phosphate Kiln

TSDR Boilers and Industrial Furnaces Cont.	
Code	**Description**
T85	Coke Oven
T86	Blast Furnace
T87	Smelting, Melting, or Refining Furnace
T88	Titanium Dioxide Chloride Process Oxidation Reactor
T89	Methane Reforming Furnace
T90	Pulping Liquor Recovery Furnace
T91	Combustion Device Used in the Recovery of Sulfur Values From Spent Sulfuric Acid
T92	Halogen Acid Furnaces
T93	Other Industrial Furnaces Listed in 40 Cfr 260.10 (Specify)
Other Treatment	
Code	**Description**
T94	Containment Building (Treatment)

EPA Management Method Code Listing
for the Hazardous Waste Stream Report (WSR Form)

Report on the WSR Form in **Item 4c** (EPA Management Method Codes)	
Reclamation and Recovery	
Code	**Description**
H010	Metals recovery including retorting, smelting, chemical, etc.
H011	Mercury recovery (includes mercury retorting, bulb/lamp crushing and mercury vapor recovery, thermostat recovery, mercury from medical equipment recovery, mercury car switch recovery, etc.)
H015	Deployment/deactivation of airbag waste followed by metals recovery
H020	Solvents recovery
H039	Other recovery or reclamation for reuse including acid regeneration, organics recovery, etc.
H050	Energy recovery at this site; used as fuel (includes on-site fuel blending before energy recovery)
H061	Fuel blending prior to energy recovery at another site (waste generated on-site or received from off-site)
Destruction or Treatment Prior to Disposal at Another Site	
Code	**Description**
H040	Incineration; thermal destruction other than use as a fuel
H041	Open burning/open detonation (should be permitted under Subpart X with process code X01)
H042	Thermal desorption to remove organic contaminants from soil, sludge, or sediment by heating them in a unit called a "thermal desorber" to separate the contaminants
H070	Chemical treatment (reduction / destruction / oxidation / precipitation)
H081	Biological treatment
H090	Polymerization (LDR standard as treatment method)
H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
H110	Stabilization prior to land disposal at another site (encapsulation / stabilization / fixation)
H113	Stabilization to remove hazardous waste characteristics or to achieve delisting levels
H120	Combination of chemical, biological and/or physical treatment
H121	Neutralization only
H122	Evaporation
H129	Other treatment that does not include on-site disposal
Disposal	
Code	**Description**
H130	Surface impoundment that will be closed as a landfill (with prior treatment and/or stabilization meeting LDR treatment standard)
H131	Land treatment or application (with any prior treatment and/or stabilization)
H132	Landfill (with prior treatment and/or stabilization)
H134	Deepwell or underground injection (with or without treatment)
H136	Discharge to sewer/POTW (with prior storage - with or without treatment)
H137	Discharge to NPDES permit (with prior storage - with or without treatment)
Transfer Off-site	
Code	**Description**
H141	Storage & Transfer -The site receiving this waste stored/bulked and transferred the waste with no reclamation, recovery, destruction, treatment, or disposal at that site

How to Determine Your Generator Status

What To Count To Determine Your Generator Status

Tennessee has been authorized by the EPA to assume responsibility for the implementation of RCRA. The Tennessee Hazardous Waste Regulations, Rule Chapter 0400-12-01 closely follows the Federal Regulations. Our Rules, in some cases, are more stringent. One difference is that Tennessee requires generators to notify on individual waste streams. Waste streams are determined by the type of waste and the generation process. The following chart lists some of the wastes that a facility should report and which ones would count to determine the facility's generator status.

<table>
<tr><th colspan="2">Do Report and Count</th></tr>
<tr><td rowspan="4">All quantities of Listed and Characteristic hazardous wastes that are:</td><td>Accumulated on the property for any period of time before disposal or recycling (e.g., Dry Cleaners must count any residue removed from machines, as well as spent cartridge filters.)</td></tr>
<tr><td>Packaged and transported away from your facility.</td></tr>
<tr><td>Placed directly in a regulated treatment or disposal unit at your facility</td></tr>
<tr><td>Generated as still bottoms/sludges and removed from product storage tanks.</td></tr>
<tr><th colspan="2">Report but Do Not Count</th></tr>
<tr><td colspan="2">Wastewater that is listed or characteristic that is treated onsite. Onsite treatment includes an elementary neutralization unit, totally enclosed treatment unit, wastewater treatment unit, or discharged directly to the POTW.</td></tr>
<tr><td colspan="2">Hazardous waste that is reclaimed continuously onsite without being stored prior to reclamation such as dry-cleaning solvents.</td></tr>
<tr><td colspan="2">Episodic events- the facility must submit a notification to their auditor per the rules. Base and off-site shipping fees will be assessed.</td></tr>
<tr><th colspan="2">Do Not Report</th></tr>
<tr><td colspan="2">Used Oil (unless mixed with hazardous waste)</td></tr>
<tr><td colspan="2">Waste you have already counted once during the calendar month and treated onsite or reclaimed in some manner and used again.</td></tr>
<tr><td colspan="2">Lead-acid batteries that are reclaimed.</td></tr>
<tr><td colspan="2">Scrap metal that is recycled.</td></tr>
<tr><td colspan="2">Universal Waste</td></tr>
<tr><td colspan="2">Waste residues in product storage tanks, if the residue is not removed from the product tank.</td></tr>
<tr><td colspan="2">Container residues of containers that have been thoroughly emptied through conventional means such as pouring or pumping. (RCRA empty containers)</td></tr>
</table>

Additional Resource: The Hazardous Waste Determination Matrix may be useful for determining if a waste is a solid or hazardous waste. It is available at this link.

Episodic Generation Requirements

Definitions	
Episodic Event:	Activities (planned or unplanned) that do not normally occur during generator operations, resulting in increase of the generation of hazardous waste that exceeds the calendar month quantity limits for the generator's usual category. There are two types of episodic events: unplanned and planned
Unplanned Episodic Event:	An episodic event that the generator did not plan or reasonably did not expect to occur (e.g., process upsets, product recalls, "acts of nature")
Planned Episodic Event:	An episodic event that the generator planned and prepared for (e.g., tank cleanouts, regular maintenance, removal of excess chemical inventory)

Only Very Small Quantity Generators (VSQGs) or Small Quantity Generators (SQGs) are eligible for this type of event.

A facility is eligible for one (1) episodic event per year- either planned or unplanned. If a second event occurs, the facility may request eligibility for a second event, provided the second event must be a different type of episodic event than the first. For instance, if the first event is an unplanned event, then the second event must be a planned event.

Basic Information

Planned Episodic Event	Unplanned Episodic Event
Annual Report + Fees Are Required (Received by March 1st of the following year)	Annual Report + Fees Are Required (Received by March 1st of the following year)
Initial notification must be made **30 days in advance**	Initial Notification must be made **within 72 hours**
Waste must be off-site within **60 days**	Waste must be off-site within **60 days**
Submit manifest **30 days after** waste is removed off-site	Submit manifest **30 days after** waste is removed off-site

Initial Notification Requirements

Forms Required	HN-CS Form
	HN-EA Form
	All Applicable WSR Forms
	NF Form **Only required if there are new waste stream(s)*
Written Pertinent Information (via email or cover letter)	Types and quantities of waste generated during event
	Date Event Began and Ended
	Emergency Contact

Episodic Event Timeframe: 60 Days

Episodic events must be completed within 60 days. The clock begins on the first day of any activities affiliated with the event. For unplanned events, that begins the day the hazardous waste was generated. For planned events, the 60 days begins, on the start date of the event, at least 30 days after the initial notification.

This is not an exhaustive list of handling requirements; you may read further in our rules here. For rules specific to Notification Requirements Applicable to Hazardous Waste Generators, including information pertaining to episodic generation, please reference Rule 0400-12-01-.03.

How to Submit an Annual Report

Who Must File The Hazardous Waste Report

Generators are divided into three categories based on their monthly generation of hazardous wastes. Small Quantity Generators (SQGs) and Large Quantity Generators (LQGs) must report annually and pay annual fees. Very Small Quantity Generators (VSQGs) should report annually but are not required to do so and do not pay an annual fee. However, VSQGs with an episodic event must submit an annual report and pay fees. Additionally, facilities that were a LQG or SQG generator the year prior must submit a report, if they have not already submitted a change in status notification.

SITES REQUIRED TO FILE THE REPORT

Large Quantity Generators

- Generated in any one month more than 1,000 kgs/2,200 lbs of non-acute hazardous waste
- Generated in any one month more than 1 kg/2.2 lbs of acute hazardous waste
- Accumulates more than 6,000 kgs/13,2000 lbs of non-acute hazardous waste at any time

Small Quantity Generators

- Generated in any one month more than 100 kgs/220 lbs but less than 1,000 kgs/2,200 lbs of non-acute hazardous waste
- Accumulates less than 6,000 kgs/13,200 lbs of non-acute hazardous waste at any time

Episodic Generators

- VSQG that notified as an episodic generator during the report year and generated more than 100 kgs/220 lbs of non-acute hazardous waste during the generator event(s)
- SQG that notified as an episodic generator during the report year and generated more than 1,000 kgs/2,200 lbs of non-acute hazardous waste during the generation event(s)

Your site is on file with the Division as a Small Quantity Generator or a Large Quantity Generator

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SITES NOT REQUIRED TO FILE THE REPORT

Very Small Quantity Generators

- Generated less than 100 kgs/220 lbs in any calendar month
- AND accumulates ≤1,000 kgs/≤2,000 lbs at any time

Deadlines

The completed report should be postmarked or received by the DSWM by March 1.

PLEASE READ ALL INSTRUCTIONS BEFORE ATTEMPTING TO COMPLETE THE FORMS!

Submission Requirements

Deadline: March 1, 2025

Payments: Payments and fee sheet forms may be submitted to the Division of Fiscal Services – Consolidated Fee Section by:

Electronic Payments: Fill out a credit card authorization form and reference your EPA ID or UOP number on the form. The completed form, along with photocopies of any supporting documentation (such as forms G-FDS or NF), should be emailed to tdec.fees@tn.gov. Do **NOT** send your auditor credit card payment information (e.g., credit card numbers), however, please forward a copy of the confirmation of payment to your auditor.

Payments by Phone: Call (615) 532-0065 and please reference your EPA ID or UOP number.

Payments by check: Write your facility's EPA ID number on the check. Checks should be mailed to:

State of Tennessee
Department of Environment and Conservation
Division of Fiscal Services – Consolidated Fee Section
Davy Crockett Tower, 6th Floor
500 James Robertson Parkway
Nashville, TN 37243

If paying for multiple facilities, please include a detailed breakdown of which fees are being paid for each facility.

How to Submit the Annual Report: Completed forms, a copy of the annual fee forms, and the RF-FDS Form may be submitted by mail, email, or fax (615-532-0938).

By Mail: Completed packets (report, copies of the annual fee forms, and RF-FDS Form) should be postmarked by March 1, 2025 and mailed to:

State of Tennessee
Department of Environment and Conservation
Division of Solid Waste Management
ATTN: Waste Activity Audit
Davy Crockett Tower, 7th Floor
500 James Robertson Parkway
Nashville, TN 37243

By Email: Completed packets (report, copies of the annual fee forms, and RF-FDS Form) should be emailed by March 1, 2025, 11:59 pm CST to: Waste.Activity@tn.gov.

Please note: The HN-CS Form **must be either** signed using an encrypted e-signature (click to view examples of valid e-signatures) **or** the original, wet-signature copy of the HN-CS Form is physically mailed.

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF FISCAL SERVICES- CONSOLIDATED FEE SECTION
Davy Crockett Tower, 6th Floor
500 James Robertson Parkway
Nashville, TN 37243

REQUEST FOR CREDIT CARD PAYMENT

This document must be accompanied by the forms/paperwork that would explain the purpose or provides support for your payment.

Fax this sheet and paperwork to 615-532-8751 or email to tdec.fees@tn.gov

SUMMARY OF PAYMENT	
GIA Customer ID/ Permit #:	
Division being paid:	
Invoice #:	
Amount being paid:	

BILLING INFORMATION	
Company Name:	
Name on Card:	
Billing Address:	
Card Type:	
Card Number:	
Expiration Date:	
Card Holder's Signature:	
Email Address for emailed receipt:	

Annual Report: Things To Double-Check Before Submitting

Please review the following list before submitting your report:

- Has the certification statement been signed and dated with the original signature or a true e-signature?
- Does the Hazardous Waste Generator Status checked box on Form HN-EA reflect the waste generation activities that took place in the reporting year?
- If you shipped hazardous waste, did you fill out an Offsite Shipping Report?
- Ensured your fee payment is submitted with the report?

Frequently Asked Questions

Hazardous Waste Annual Report FAQ:

Q: Can I get an extension for the March 1 deadline?
A: The March 1 deadline cannot be extended. Facilities should submit a complete hazardous waste annual report, including any applicable payment, that is postmarked by March 1.

Q: Who is the Responsible Official?
A: The Responsible Official is the person who signs and certifies that the information provided in the Hazardous Waste annual report is true, accurate, and complete. This certification is a legal attestation that the organization has complied with regulatory requirements regarding hazardous waste management.

Q: Can I submit my report electronically?
A: You may e-mail your report to waste.activity@tn.gov if the HN-CS Form has been signed using an encrypted e-signature (click to view examples of valid e-signatures) or the original, wet-signature copy of the HN-CS Form is physically mailed. If you submit your report electronically, it should be emailed by March 1, 2025,11:59 pm CST. If submitted by mail, it should be postmarked by March 1, 2025. ***Note:*** *There is a limitation of message size which is placed on incoming email of 25MB.*

Q: If my facility is a Very Small Quantity Generator (VSQG), do I need to send in a report?
A: If your facility has maintained its VSQG status for all of 2023 AND your facility is listed as VSQG in our system, then you are not *required* to send in a report. However, the Division of Solid Waste Management always encourages all generators to submit an annual report to keep your records up to date.

Q: If my facility had a one-time activity that resulted in generation of more than 220 lbs in one month, do I still have to file a report?
A: Yes. The threshold for filing is generation of more than 220 lbs in any calendar month (or more than 2.2 lbs of acutely hazardous waste).

Q: How do I know my facility's generator status?
A: Look at the HN-EA form included in your hazardous waste annual report package, the generator status selected is the current status listed for the facility in the TNWaste database.

Q: Can I pay with a credit card?
A: Yes. You can fill out the Request for Credit Card Payment Form and submit it along with the signed HN-CS, GFDS, and NF forms by faxing to 615-532-8751 or emailing to tdec.fees@tn.gov. Do **NOT** send your auditor credit card payment information (e.g., credit card numbers), however, please forward a copy of the confirmation of payment to your auditor. You can also call the fiscal department at 615-532-0065 and explain you would like to pay for your hazardous waste annual report fees with a card over the phone. Please reference your EPA ID Number.

Q: Where do I mail my fees?
A: Mail check and fee forms to:

State of Tennessee
Department of Environment and Conservation
Division of Fiscal Services – Consolidated Fee Section
Davy Crockett Tower, 6th Floor
500 James Robertson Parkway
Nashville, TN 37243

Q: Where do I mail my report?
A: Mail the completed forms and a copy of the annual fee forms to:

State of Tennessee
Department of Environment and Conservation
Division of Solid Waste Management
ATTN: Waste Activity Audit
Davy Crockett Tower, 7th Floor
500 James Robertson Parkway
Nashville, TN 37243

Q: I have questions regarding the RF-FDS sheet included with my report.
A: Please contact Jaime Thompson at 615-532-0922 or Jaime.Thompson@tn.gov

Additional Resources

Frequently Used Acronyms

BTU	British Thermal Unit
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (commonly known as Superfund)
CFR	Code of Federal Regulations
EGEN	Episodic Generation Event
EPA	Environmental Protection Agency
FR	Federal Register
LDR	Land Disposal Restrictions
LQG	Large Quantity Generator; a generator that generates greater than 1,000 kgs in any calendar month
NOD	Notice of Deficiency
NOV	Notice of Violation
NPDES	National Pollution Discharge Elimination System
PCB	Polychlorinated Biphenyl
POTW	Public Owned Treatment Works
RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendment and Reauthorization Act of 1986
SDS	Safety Data Sheet
SOP	Standard Operation Procedure
SQG	Small Quantity Generator; a generator that generates greater than 100 kgs but less than 1,000 kgs any calendar month
STP	Standard Temperature and Pressure
TCA	Tennessee Code Annotated
TCLP	Toxicity Characteristic Leaching Procedure
TSCA	Toxic Substances Control Act
TSD	Treatment, Storage, Disposal
TSDR	Treatment, Storage, Disposal, Recycler
TSDF	Treatment, Storage, Disposal Facility
UST	Underground Storage Tank
VSQG	Very Small Quantity Generator; a generator that generates 100 kgs or less in every calendar month of the year

Definitions

By-Product - material that is not one of the primary products of a production process and is not solely or separately produced by the production process. Examples are process residues such as slags or distillation column bottoms. The term does not include a co-product that is produced for the general public's use and is ordinarily used in the form it is produced by the process.

Commercial Chemical Product - a chemical substance which is manufactured or formulated for commercial or manufacturing use which consists of the commercially pure grade of the chemical, any technical grades of the chemical that are produced or marketed, and all formulations in which the chemical is the sole active ingredient.

Container – any portable device in which a material is stored, transported, treated, disposed of, or other handled.

Elementary neutralization unit - a device which (1) is used for neutralizing wastes that are hazardous only because they exhibit the corrosivity characteristic defined in Rule 0400-12- 01-.02(3)(c), or they are listed in Rule 0400-12-01-.02(4) only for this reason and (2) meets the definition of tank, tank system, container, transport vehicle, or vessel in this subparagraph.

Reclaimed Material – material that is processed to recover a usable product, or if it is regenerated. Examples are recovery of lead values from spent batteries and regeneration of spent solvents.

Recovered Material - materials which have been diverted or removed from the solid waste stream for sale, use, reuse or recycling, whether or not requiring subsequent separation processing. Such recovered materials are not solid waste.

Recycled Material – material that is used, reused or reclaimed.

Reused Material – material that is (I) Employed as an ingredient (including use as an intermediate) in an industrial process to make a product (for example, distillation bottoms from one process used as feedstock in another process). However, a material will not satisfy this condition if distinct components of the material are recovered as separate end products (as when metals are recovered from metal-containing secondary materials); or (II) Employed in a particular function or application as an effective substitute for a commercial product (for example, spent pickle liquor used as phosphorous precipitant and sludge conditioner in wastewater treatment).

Spent Material - any material that has been used and as a result of contamination can no longer serve the purpose for which it was produced without processing.

Sludge – any solid, semi-solid, or liquid waste generated from a municipal, commercial or industrial wastewater treatment plant, water supply treatment plant, air pollution control facility, exclusive of treated effluent from a wastewater treatment plant.

Still Bottom – residue or by-product of a distillation process such as solvent recycling.

Tank - a stationary device, designed to contain an accumulation of hazardous waste which is constructed primarily of non-earthen materials (e.g., wood, concrete, steel, plastic) which provide structural support.

Totally Enclosed Treatment Facility - a facility for the treatment of hazardous waste which is directly connected to an industrial production process and which is constructed and operated in a manner which prevents the release of any hazardous waste or any constituent thereof into the environment during treatment. An example is a pipe in which waste acid is neutralized.

Toxicity Characteristic Leaching Procedure (TCLP) – a testing procedure (SW-846 Test Method 1311) used to determine whether a waste is hazardous. The procedure identifies waste that might leach hazardous constituents into groundwater if improperly managed.

Wastewater Treatment Unit – a device which (1) is part of a wastewater treatment facility that is subject to regulation under either section 402 or 307(b) of the Clean Water Act (2) receives and treats or stores an influent wastewater that is a hazardous waste as defined in Rule 0400-12-01-.02(1)(c) or generates and accumulates a wastewater treatment sludge which is a hazardous waste as defined in Rule 0400-12-01-.02(1)(c), or treats or stores a wastewater treatment sludge which is a hazardous waste as defined in Rule 0400-12-01-.02(1)(c) and (3) meets the definition of tank or tank system in this subparagraph.

Additional Information & Resources

STATE OF TN

Hazardous Waste Program

Active Hazardous Waste Transporters

Applicable Hazardous Waste Rules

Hazardous Waste Determination Matrix

Hazardous Waste and Used Oil Forms

Notification of Hazardous Waste Activity

Hazardous Medical Wastes (Subpart P)

EPA

E-Manifest

E-Manifest Registration

Manifest corrections

Links to Hazardous Waste Programs by State & US State Environmental Agencies

Annual Report Electronic Fillable Forms

Unified Certification & Cover Sheet (CN-1442).....Form HN-CS

Hazardous Waste Environmental Activity Notification (CN-1446).....Form HN-EA

Hazardous Waste Registration & Notification (CN-1447).....Form HN-H

Hazardous Waste Contact Notification (CN-1445).....Form HN-H(Contacts)

Hazardous Waste Notification Fees (CN-1443).....Form NF

Hazardous Waste Stream Report (CN-0773)..... Form WSR

Hazardous Waste Offsite Shipping (CN-0779).....Form OSR

Annual Hazardous Waste Generation Fee Determination (CN-0906).....Form GFDS

Hazardous Waste Closure Notification (CN-1444).....Form HN-C

Tennessee State TSDR Code To EPA Management Method Code Correspondence List

Disclaimer: The information provided in this list, is for informational purposes only. This list is not a substitute for evaluation of compliance in accordance with all applicable laws and regulations. This list is not intended for, nor can it be relied upon, to create any rights, substantive or procedural, enforceable, or usable by any party in litigation with the State of Tennessee or its employees. The State of Tennessee and its employees expressly disclaims any liability or responsibility for any loss or damage resulting from their use or for the violation of any law or regulation with which these notes may conflict.

By EPA Management Method Code

Reclamation and Recovery

EPA Management Method Code Description	EPA Management Method Code	Possible State TSDR Code(s)	State TSDR Code Method Description
Metals recovery including retorting, smelting, chemical, etc.	H010	T87	Smelting, Melting, or Refining Furnace
Mercury recovery (includes mercury retorting, bulb/lamp crushing and mercury vapor recovery, thermostat recovery, mercury from medical equipment recovery, mercury car switch recovery, etc.)	H011	T87	Smelting, Melting, or Refining Furnace
Deployment/deactivation of airbag waste followed by metals recovery	H015	T47 &T66	Other (Specify)
Solvents recovery	H020	T63	Solvent Recovery
Other recovery or reclamation for reuse including acid regeneration, organics recovery, etc.	H039	T18, T34, T47, T66, or T77	Other (Specify)
Energy recovery at this site; used as fuel (includes on-site fuel blending before energy recovery)	H050	T50 plus T80-T92 or T93	Boiler or Industrial Furnace codes
Fuel blending prior to energy recovery at another site (waste generated on-site or received from off-site)	H061	T50 plus T80-T92 or T93	Boiler or Industrial Furnace Codes

Destruction or Treatment prior to Disposal at Another Site

EPA Management Method Code Description	EPA Management Method Code	Possible State TSDR Code(s)	State TSDR Code Method Description
Incineration; thermal destruction other than use as a fuel	H040	T06-T15 or T18	Incinerator
Open burning/open detonation (should be permitted under Subpart X with process code X01)	H041	X01	Open Burning/Open Detonation
Thermal desorption to remove organic contaminants from soil, sludge, or sediment by heating them in a unit called a "thermal desorber" to separate the contaminants	H042	X02	Thermal Unit
Chemical treatment (reduction / destruction / oxidation / precipitation)	H070	T19-T34	Chemical Treatment
Biological treatment	H081	T67-T76; T77	Biological Treatment
Polymerization (LDR standard as treatment method)	H090	T34	Other (Specify)
Physical treatment only (adsorption / absorption / separation / stripping / dewatering)	H100	T35-T46; T48-T65; T47 or T66	Physical Treatment by Separation or Component Removal
Stabilization prior to land disposal at another site (encapsulation / stabilization / fixation)	H110	T21 & D80	Chemical Fixation
Stabilization prior to land disposal at another site (encapsulation / stabilization / fixation)	H110	T39 & D80	Encapsulation
Stabilization to remove hazardous waste characteristics or to achieve delisting levels	H113	T34 or T47	Other (Specify)
Combination of chemical, biological and/or physical treatment	H120	Combination of T19-T34; T35-T47, T48-T66; and/or T67-T77	Any combination of the state TSDR chemical, physical or biological codes. Should be at least 2 codes from 2 different categories.
Neutralization only	H121	T31	Neutralization
Evaporation	H122	T57	Evaporation
Other treatment that does not include on-site disposal	H129	T18, T34, T47, T66, or T77	Other (Specify)

Disposal

EPA Management Method Code Description	EPA Management Method Code	Possible State TSDR Code(s)	State TSDR Code Method Description
Surface impoundment that will be closed as a landfill (with prior treatment and/or stabilization meeting LDR treatment standard)	H130	D83	Surface Impoundment to be closed as a landfill
Land treatment or application (with any prior treatment and/or stabilization)	H131	D81	Land Treatment
Landfill (with prior treatment and/or stabilization)	H132	D80	Landfill
Deepwell or underground injection (with or without treatment)	H134	D79	Underground Injection
Discharge to sewer/POTW (with prior storage - with or without treatment)	H136	H03, H06, H06, H07	Onsite wastewater handling/treatment
Discharge to NPDES permit (with prior storage - with or without treatment)	H137	H03, H06, H06, H07	Onsite wastewater handling/treatment

Transfer Offsite

EPA Management Method Code Description	EPA Management Method Code	Possible State TSDR Code(s)	State TSDR Code Method Description
Storage and Transfer -The site receiving this waste stored/bulked and transferred the waste with no reclamation, recovery, destruction, treatment, or disposal at that site	H141	Any "S" Code (S01-S06, S99)	Storage

By State TSDR Code

TSDR Thermal Treatment

State TSDR Code Method Description	Possible State TSDR Code(s)	EPA Management Method Code	EPA Management Method Code Description
Liquid Injection Incinerator	T06	H040	Incineration; thermal destruction other than use as a fuel
Rotary Kiln Incinerator	T07	H040	Incineration; thermal destruction other than use as a fuel
Fluidized Bed Incinerator	T08	H040	Incineration; thermal destruction other than use as a fuel
Multiple Hearth Incinerator	T09	H040	Incineration; thermal destruction other than use as a fuel
Infrared Furnace Incinerator	T10	H040	Incineration; thermal destruction other than use as a fuel
Molten Salt Destructor	T11	H040	Incineration; thermal destruction other than use as a fuel
Pyrolysis	T12	H040	Incineration; thermal destruction other than use as a fuel
Wet Air Oxidation	T13	H040	Incineration; thermal destruction other than use as a fuel
Calcination	T14	H040	Incineration; thermal destruction other than use as a fuel
Microwave Discharge	T15	H040	Incineration; thermal destruction other than use as a fuel
Other (Specify)	T18	H040	Incineration; thermal destruction other than use as a fuel

TSDR Chemical Treatment

State TSDR Code Method Description	Possible State TSDR Code(s)	EPA Management Method Code	EPA Management Method Code Description
Absorption Mound	T19	H070	Chemical treatment (reduction / destruction / oxidation / precipitation)
Absorption Field	T20	H070	Chemical treatment (reduction / destruction / oxidation / precipitation)
Chemical Fixation	T21	H070	Chemical treatment (reduction / destruction / oxidation / precipitation)
Chemical Fixation	T21	H110	Stabilization prior to land disposal at another site (encapsulation / stabilization / fixation)
Chemical Oxidation	T22	H070	Chemical treatment (reduction / destruction / oxidation / precipitation)
Chemical Precipitation	T23	H070	Chemical treatment (reduction / destruction / oxidation / precipitation)
Chemical Reduction	T24	H070	Chemical treatment (reduction / destruction / oxidation / precipitation)
Chlorination	T25	H070	Chemical treatment (reduction / destruction / oxidation / precipitation)
Chlorinolysis	T26	H070	Chemical treatment (reduction / destruction / oxidation / precipitation)
Cyanide Destruction	T27	H070	Chemical treatment (reduction / destruction / oxidation / precipitation)
Degradation	T28	H070	Chemical treatment (reduction / destruction / oxidation / precipitation)

Detoxification	T29	H070	Chemical treatment (reduction / destruction / oxidation / precipitation)
Ion Exchange	T30	H070	Chemical treatment (reduction / destruction / oxidation / precipitation)
Neutralization	T31	H121	Neutralization Only
Ozonation	T32	H070	Chemical treatment (reduction / destruction / oxidation / precipitation)
Photolysis	T33	H070	Chemical treatment (reduction / destruction / oxidation / precipitation)
Other (Specify)	T34	H070	Chemical treatment (reduction / destruction / oxidation / precipitation)

TSDR Physical Treatment by Separation

State TSDR Code Method Description	Possible State TSDR Code(s)	EPA Management Method Code	EPA Management Method Code Description
Centrifugation	T35	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Clarification	T36	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Coagulation	T37	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Decanting	T38	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Encapsulation	T39	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Encapsulation	T39	H110	Stabilization prior to land disposal at another site (encapsulation / stabilization / fixation)
Filtration	T40	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Flocculation	T41	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Flotation	T42	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Foaming	T43	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Sedimentation	T44	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)

Thickening	T45	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Ultrafiltration	T46	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Other (specify)	T47	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)

TSDR Physical Treatment by Removal of Specific Components

State TSDR Code Method Description	Possible State TSDR Code(s)	EPA Management Method Code	EPA Management Method Code Description
Absorption-Molecular Sieve	T48	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Activated Carbon	T49	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Blending	T50	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Catalysis	T51	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Crystallization	T52	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Dialysis	T53	H110	Stabilization prior to land disposal at another site (encapsulation / stabilization / fixation)
Distillation	T54	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Distillation	T54	H020	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Electrodialysis	T55	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Electrolysis	T56	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Evaporation	T57	H122	Evaporation

High Gradient Magnetic Separation	T58	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Leaching	T59	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Liquid Ion Exchange	T60	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Liquid-Liquid Extraction	T61	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Reverse Osmosis	T62	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Solvent Recovery	T63	H020	Solvents Recovery
Stripping	T64	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Sand Filter	T65	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
Other (specify)	T66	H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)

TSDR Biological Treatment

State TSDR Code Method Description	Possible State TSDR Code(s)	EPA Management Method Code	EPA Management Method Code Description
Activated Sludge	T67	H080	Biological treatment
Aerobic Lagoon	T68	H080	Biological treatment
Aerobic Tank	T69	H080	Biological treatment
Anaerobic Tank	T70	H080	Biological treatment
Composting	T71	H080	Biological treatment
Septic tank	T72	H080	Biological treatment
Spray Irrigation	T73	H080	Biological treatment
Thickening Filter	T74	H080	Biological treatment
Trickling Filter	T75	H080	Biological treatment
Waste Stabilization Pond	T76	H080	Biological treatment
Other (specify)	T77	H080	Biological treatment

TSDR Boilers and Industrial Furnace

State TSDR Code Method Description	Possible State TSDR Code(s)	EPA Management Method Code	EPA Management Method Code Description
Boiler	T80	H040	Incineration; thermal destruction other than use as a fuel
Boiler	T50 & T80	H050	Energy recovery at this site; used as fuel (includes on-site fuel blending before energy recovery)
Fuel Blending in a Boiler	T50 & T80	H061	Fuel blending prior to energy recovery at another site (waste generated on-site or received from off-site)
Cement Kiln	T81	H040	Incineration; thermal destruction other than use as a fuel
Cement Kiln	T50 & T81	H050	Energy recovery at this site; used as fuel (includes on-site fuel blending before energy recovery)
Fuel Blending in a Cement Kiln	T50 & T81	H061	Fuel blending prior to energy recovery at another site (waste generated on-site or received from off-site)
Lime Kiln	T82	H040	Incineration; thermal destruction other than use as a fuel
Lime Kiln	T82	H050	Energy recovery at this site; used as fuel (includes on-site fuel blending before energy recovery)
Fuel Blending in a Lime Kiln	T50 & T82	H061	Fuel blending prior to energy recovery at another site (waste generated on-site or received from off-site)
Aggregate Kiln	T83	H040	Incineration; thermal destruction other than use as a fuel
Aggregate Kiln	T50 & T83	H050	Energy recovery at this site; used as fuel (includes on-site fuel blending before energy recovery)
Fuel Blending in an Aggregate Kiln	T50 & T83	H061	Fuel blending prior to energy recovery at another site (waste generated on-site or received from off-site)
Phosphate Kiln	T84	H040	Incineration; thermal destruction other than use as a fuel
Phosphate Kiln	T50 & T84	H050	Energy recovery at this site; used as fuel (includes on-site fuel blending before energy recovery)
Fuel Blending in a Phosphate Kiln	T50 & T84	H061	Fuel blending prior to energy recovery at another site (waste generated on-site or received from off-site)
Coke Oven	T85	H040	Incineration; thermal destruction other than use as a fuel
Coke Oven	T50 & T85	H050	Energy recovery at this site; used as fuel (includes on-site fuel blending before energy recovery)

Fuel Blending in a Coke Oven	T50 & T85	H061	Fuel blending prior to energy recovery at another site (waste generated on-site or received from off-site)
Blast Furnace	T86	H040	Incineration; thermal destruction other than use as a fuel
Blast Furnace	T50 & T86	H050	Energy recovery at this site; used as fuel (includes on-site fuel blending before energy recovery)
Fuel Blending in a Blast Furnace	T50 & T86	H061	Fuel blending prior to energy recovery at another site (waste generated on-site or received from off-site)
Smelting, Melting, or Refining Furnace	T87	H010	Metals recovery including retorting, smelting, chemical, etc
Titanium Dioxide Chloride Process Oxidation Reactor	T88	H040	Incineration; thermal destruction other than use as a fuel
Titanium Dioxide Chloride Process Oxidation Reactor	T50 & T88	H050	Energy recovery at this site; used as fuel (includes on-site fuel blending before energy recovery)
Fuel Blending in a Titanium Dioxide Chloride Process Oxidation Reactor	T50 & T88	H061	Fuel blending prior to energy recovery at another site (waste generated on-site or received from off-site)
Methane Reforming Furnace	T89	H040	Incineration; thermal destruction other than use as a fuel
Methane Reforming Furnace	T50 & T89	H050	Energy recovery at this site; used as fuel (includes on-site fuel blending before energy recovery)
Fuel Blending in a Methane Reforming Furnace	T50 & T89	H061	Fuel blending prior to energy recovery at another site (waste generated on-site or received from off-site)
Pulping Liquor Recovery Furnace	T90	H039	Other recovery or reclamation for reuse including acid regeneration, organics recovery, etc.
Combustion Device Used in the Recovery of Sulfur Values from Spent Sulfuric Acid	T91	H039	Other recovery or reclamation for reuse including acid regeneration, organics recovery, etc.
Halogen Acid Furnaces	T92	H040	Incineration; thermal destruction other than use as a fuel

Halogen Acid Furnaces	T50 & T92	H050	Energy recovery at this site; used as fuel (includes on-site fuel blending before energy recovery)
Fuel Blending in Halogen Acid Furnaces	T50 & T92	H061	Fuel blending prior to energy recovery at another site (waste generated on-site or received from off-site)
Other Industrial Furnaces Listed in 40 CFR 260.10 (Specify)	T93	H040	Incineration; thermal destruction other than use as a fuel
Other Industrial Furnaces Listed in 40 CFR 260.10 (Specify)	T50 & T93	H050	Energy recovery at this site; used as fuel (includes on-site fuel blending before energy recovery)
Fuel Blending in Other Industrial Furnaces Listed in 40 CFR 260.10 (Specify)	T50 & T93	H061	Fuel blending prior to energy recovery at another site (waste generated on-site or received from off-site)

TSDR Other Treatment

State TSDR Code Method Description	Possible State TSDR Code(s)	EPA Management Method Code	EPA Management Method Code Description
Containment Building (Treatment)	T94	H129	Other treatment that does not include on-site disposal

TSDR Subpart X

State TSDR Code Method Description	Possible State TSDR Code(s)	EPA Management Method Code	EPA Management Method Code Description
Open Burning/Open Detonation	X01	H041	Open burning/open detonation (should be permitted under Subpart X with process code X01)
Mechanical Processing	X02	H129	Other treatment that does not include on-site disposal
Thermal Unit	X03	H042	Thermal desorption to remove organic contaminants from soil, sludge, or sediment by heating them in a unit called a "thermal desorber" to separate the contaminants

Geologic Repository	X04	H129	Other treatment that does not include on-site disposal
Other Subpart X (Specify)	X99	H129	Other treatment that does not include on-site disposal

TSDR Storage

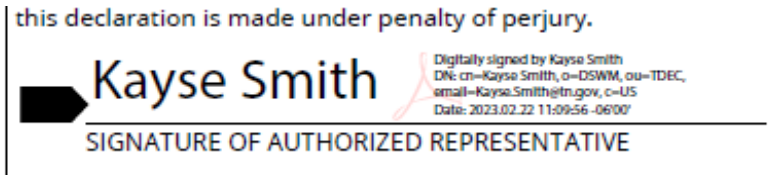
State TSDR Code Method Description	Possible State TSDR Code(s)	EPA Management Method Code	EPA Management Method Code Description
Storage in a Container, Barrel, Drum, etc.	S01	H141	Storage and Transfer -The site receiving this waste stored/bulked and transferred the waste with no reclamation, recovery, destruction, treatment, or disposal at that site
Storage in a Tank	S02	H141	Storage and Transfer -The site receiving this waste stored/bulked and transferred the waste with no reclamation, recovery, destruction, treatment, or disposal at that site
Storage in a Waste Pile	S03	H141	Storage and Transfer -The site receiving this waste stored/bulked and transferred the waste with no reclamation, recovery, destruction, treatment, or disposal at that site
Storage in a Surface Impoundment	S04	H141	Storage and Transfer -The site receiving this waste stored/bulked and transferred the waste with no reclamation, recovery, destruction, treatment, or disposal at that site
Drip Pad Storage	S05	H141	Storage and Transfer -The site receiving this waste stored/bulked and transferred the waste with no reclamation, recovery, destruction, treatment, or disposal at that site
Containment Building (storage)	S06	H141	Storage and Transfer -The site receiving this waste stored/bulked and transferred the waste with no reclamation, recovery, destruction, treatment, or disposal at that site
Other Storage (Specify)	S99	H141	Storage and Transfer -The site receiving this waste stored/bulked and transferred the waste with no reclamation, recovery, destruction, treatment, or disposal at that site

Onsite Handling

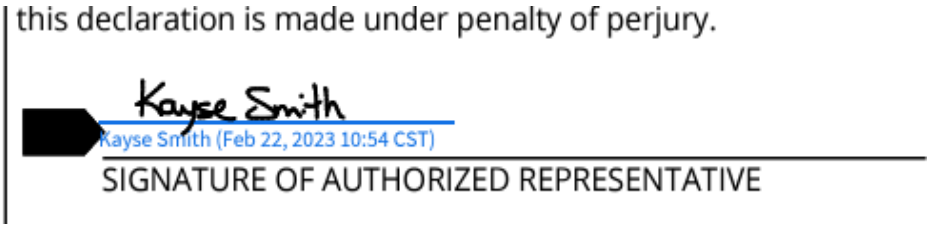
State TSDR Code Method Description	Possible State TSDR Code(s)	EPA Management Method Code	EPA Management Method Code Description
Released onsite to POTW	H03	H136	Discharge to sewer/POTW (with prior storage - with or without treatment)
Released onsite to POTW	H03	H137	Discharge to NPDES permit (with prior storage - with or without treatment)
Onsite treatment in enclosed system	H05	H136	Discharge to sewer/POTW (with prior storage - with or without treatment)
Onsite treatment in enclosed system	H05	H137	Discharge to NPDES permit (with prior storage - with or without treatment)
Onsite WW treatment unit	H06	H136	Discharge to sewer/POTW (with prior storage - with or without treatment)
Onsite WW treatment unit	H06	H137	Discharge to NPDES permit (with prior storage - with or without treatment)
Onsite elementary neutralization	H07	H121	Neutralization Only
Onsite resource recovery	H09	H039	Other recovery or reclamation for reuse including acid regeneration, organics recovery, etc
Onsite resource recovery	H09	H020	Solvents Recovery
Other onsite handling	H10	H129	Other treatment that does not include on-site disposal

Encrypted E-Signature Examples

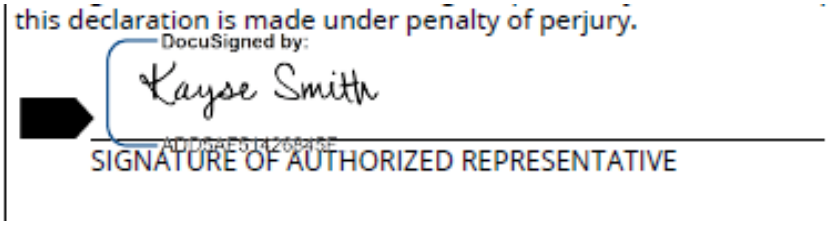
1. Adobe Digital Signature



2. Adobe Sign

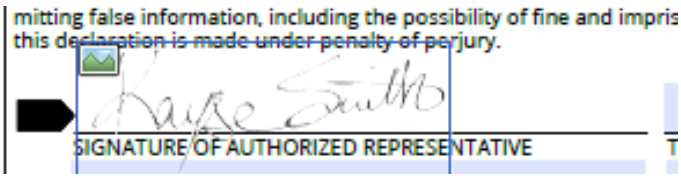


3. DocuSign



INVALID E-SIGNATURE EXAMPLES

1. Picture of your signature pasted in



2. Scanned copy of your signature (signed via pen)