



# Division of Solid Waste Management Hazardous Waste Activity Audit Section Guide to Filing the 2022 Annual Hazardous Waste Report

January 2023 Edition

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# **Section 1**

## **General Information**

# About the 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 program regulates 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 (SQG)	Large Quantity Generators (LQG)
<b>Quantity Limits</b>	The amount of hazardous waste generated per month determines <a href="#">how a generator is categorized</a> 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.
<b>EPA ID Number</b>	EPA ID Number	Not required	Required	Required
<b>On-Site Accumulation Quantity</b>	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
<b>Accumulation Time Limits</b>	Determine amount of time hazardous waste is allowed to accumulate on site.	None	≤180 days or ≤270 days (if transporting greater than 200 miles)	≤90 days
<b>Accumulation Requirements</b>	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
<b>Personnel Training</b>	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
<b>Contingency Plan and Emergency Procedures</b>	Develop procedures to follow during an unplanned major event.	Not required	Basic planning required	Full plan required
<b>Preparedness &amp; Prevention</b>	Develop procedures to follow in the event of an emergency.	Not required	Required	Required
<b>Manifest</b>	Tracking hazardous waste shipments using the <a href="#">multiple-copy manifest</a> - required by the Department of Transportation (DOT) and EPA	Not required	Required	Required
<b>Waste Minimization</b>	Certify steps taken to reduce or eliminate the generation of hazardous waste	None	Good faith effort required	Program in place required
<b>Recordkeeping</b>	Maintain records of waste testing, <a href="#">manifests</a> , <a href="#">biennial reports</a> , and exception reports	Not required	Required (except biennial reports)	Required
<b>Closure</b>	Close equipment, structures, soils and units by meeting specified performance standards and disposal and decontamination requirement	Not required	Required  <a href="#">-General 0400-12-01-.05</a> <a href="#">-Notifications 0400-12-01-.03</a>	Required  <a href="#">-General 0400-12-01-.05</a> <a href="#">-Notifications 0400-12-01-.03</a>

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

## Waste Activity Auditors

### **Nina Vo**

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**Email:** [Nina.Vo@tn.gov](mailto:Nina.Vo@tn.gov)

**Environmental Field Office:** Knoxville; Used Oil Transporters (All)

### **Stephanie Day**

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**Environmental Field Office:** Jackson & Memphis

### **Ashley Sexton**

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**Email:** [Ashley.Sexton@tn.gov](mailto:Ashley.Sexton@tn.gov)

**Environmental Field Office:** Cookeville & Johnson City; Hazardous Waste Transporters and Transfer Facilities

### **Rhonda Inmon**

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**Environmental Field Office:** Nashville

### **Kayse Smith**

**Phone:** 615-532-0963

**Fax:** 615-532-0938

**Email:** [Kayse.Smith@tn.gov](mailto:Kayse.Smith@tn.gov)

**Environmental Field Office:** Chattanooga & Columbia

## Division of Solid Waste Management Contacts

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

Field Office	Counties Served	Field Office Information	Solid Waste Contact
<b>Jackson</b>	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 <a href="#">Jackson Field Office</a>	Clift Jeter P: 731-223-0005 E: <a href="mailto:Clifton.Jeter@tn.gov">Clifton.Jeter@tn.gov</a>
<b>Memphis</b>	Fayette, Tipton, Shelby	8383 Wolf Lake Drive Bartlett, TN 38133 P: 901-371-3000 <a href="#">Memphis Field Office</a>	Jim Holt P: 901-378-6376 E: <a href="mailto:Jim.Holt@tn.gov">Jim.Holt@tn.gov</a>
<b>Nashville</b>	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 <a href="#">Nashville Field Office</a>	Mike Horsley P: 615-347-0615 E: <a href="mailto:Mike.Horsley@tn.gov">Mike.Horsley@tn.gov</a>
<b>Columbia</b>	Bedford, Coffee, Franklin, Giles, Hickman, Lawrence, Lewis, Lincoln, Marshall, Maury, Moore, Perry, Wayne	1421 Hampshire Pike Columbia, TN 38401 P: 931-380-3371 <a href="#">Columbia Field Office</a>	Steve Wintheiser P: 931-449-9028 E: <a href="mailto:Steven.Wintheiser@tn.gov">Steven.Wintheiser@tn.gov</a>
<b>Cookeville</b>	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 <a href="#">Cookeville Field Office</a>	Nicholas Stengel P: 615-406-9649 E: <a href="mailto:Nicholas.Stengel@tn.gov">Nicholas.Stengel@tn.gov</a>
<b>Chattanooga</b>	Bledsoe, Bradley, Grundy, Hamilton, Marion, McMinn, Meigs, Polk, Rhea, Sequatchie	1301 Riverfront Parkway, Suite 206 Chattanooga, TN 37402 P: 423-634-5745 <a href="#">Chattanooga Field Office</a>	Harry McCann P: 423-293-8049 E: <a href="mailto:Harry.McCann@tn.gov">Harry.McCann@tn.gov</a>
<b>Knoxville</b>	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 <a href="#">Knoxville Field Office</a>	Revendra Awasthi P: 865-306-1862 E: <a href="mailto:Revendra.Awasthi@tn.gov">Revendra.Awasthi@tn.gov</a>
<b>Johnson City</b>	Carter, Greene, Hancock, Hawkins, Johnson, Sullivan, Unicoi, Washington	2305 Silverdale Road Johnson City, TN 37601 <a href="#">Johnson City Field Office</a>	Chris Lamb P: 423-794-7119 E: <a href="mailto:Chris.Lamb@tn.gov">Chris.Lamb@tn.gov</a>



# Section 2

**Hazardous Waste Activity  
Notification Forms** 



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

**UNIFIED CERTIFICATION AND COVER SHEET**

<b>HN-CS</b>
PERMIT YEAR <b>20</b> _____
ANNUAL REPORT YEAR <b>20</b> _____

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>I am applying...</i>			<i>I am registering...</i>		
For an <b>EPA ID</b> ____ NUMBER	For a <b>USED OIL</b> ____ NUMBER	For a <b>HAZARDOUS WASTE</b> ____ <b>TRANSPORTER PERMIT</b>	for <b>OTHER ACTIVITIES</b> (USED OIL, UNIVERSAL WASTE, HAZ SECONDARY MATERIALS, ETC)		

NOTES

**2. ALREADY REGISTERED**

<b>ENTER EPA ID NUMBER</b>	<b>ENTER USED OIL REGISTRATION NUMBER</b>	<b>2a. CHECK IF YOU WANT TO:</b>
_____	_____	____ <b>RENEW</b> 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)

<b>LOCATION CITY</b>	<b>STATE</b>	<b>ZIP</b>	<b>PHONE</b>	<b>FAX</b>	<b>EMAIL</b>
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<b>SEND MAIL TO:</b>	<b>LAST NAME</b>	<b>FIRST NAME</b>	<b>MI</b>	<b>TITLE / DEPARTMENT</b>
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<b>STREET ADDRESS</b>	<b>CITY</b>	<b>STATE</b>	<b>ZIP</b>
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**3. LOCATION INFORMATION**

____ <b>NEW</b>	____ <b>UPDATE</b>	____ <b>MOVED TO NEW LOCATION</b>	____ <b>ORIGINAL LOCATION ADDRESS IS INCORRECT</b>	____ <b>ADDRESS CHANGED BY 911 EMERGENCY SYSTEM</b>	____ <b>REZONING / ANNEXATION</b>
COMMENTS:					

**4. OWNER INFORMATION**

____ <b>NEW</b>	____ <b>CHANGE OWNER</b>	____ <b>UPDATE OWNER INFORMATION</b>	COMMENTS:
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**5. BUSINESS NAME**

____ <b>NEW</b>	____ <b>CHANGE</b>	COMMENTS:
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**6. TRANSFER EPA ID NUMBER**

EPA ID OF SITE YOU ARE MOVING TO	NAME ASSOCIATED WITH THIS EPA ID	COMMENTS:
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**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	

FD042121

**8. ATTACHMENTS - FEES** FEES ASSOCIATED WITH THIS DOCUMENT (CHECK ALL THAT APPLY)

<p>___ CHECK IF PAYMENT IS ATTACHED</p> <p>EIN  _____ - _____</p> <p><b>IF YOU HAVE QUESTIONS REGARDING YOUR PAYMENT OR EIN, CONTACT TDEC'S CONSOLIDATED FEE SECTION AT 615-532-0065</b></p>	<p>___ HW GENERATOR FEES      ___ UNIVERSAL WASTE FEES</p> <p>___ HW TRANSFER FACILITY FEES      ___ TSDF FEES</p> <p>___ USED OIL FEES      ___ TSDF APPLICATION FEES</p> <p>OTHER (SPECIFY)</p>
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**8a. ATTACHMENTS - ANNUAL REPORTS** OTHER REQUIRED NOTIFICATIONS (CHECK ALL THAT APPLY)

<p>___ HAZARDOUS WASTE GENERATOR ANNUAL REPORT</p> <p>___ CORRECTED</p> <p>___ LATE</p>	<p>___ USED OIL ANNUAL REPORT</p> <p>___ CORRECTED</p> <p>___ LATE</p>	<p>___ NOTIFICATION OF EPISODIC GENERATION</p> <p>___ SUPPLYING NOTIFICATION FOR A GENERATOR UNDER CONSOLIDATION RULE</p> <p>___ NOTIFICATION OF CONSOLIDATION OF HAZARDOUS WASTE</p>
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**8b. ATTACHMENTS - INFORMATION UPDATES**

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

**9. DEADLINES FOR ANNUAL SUBMISSIONS**

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

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

**10. SEND DOCUMENTS AND FEES TO:**

**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

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

OFFICE USE	LOG ID	STAFF	DATE	GIA	EPA ID
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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

HN-EA

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/>

<b>A.1</b> EPA ID NUMBER	<b>A.2</b> USED OIL REGISTRATION NUMBER	<b>A.3</b> SITE LOCATION WITHIN TN                      OUTSIDE TN	<b>A.4</b> NAICS CODE *
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**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    **SUBMIT FORMS:** HN, WSR, NF

**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    **SUBMIT FORMS:** HN, WSR, NF

**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.

**OTHER REQUIREMENTS: FORMS:** HN, WSR, NF

**NON - NON-GENERATOR**

HAZARDOUS WASTE STREAMS HAVE BEEN CLOSED

**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**

<b>GENERATOR WASTEWATER</b>  <b>GENERATOR EPISODIC ADDITIONAL NOTIFICATION REQUIRED</b> FORM WSR  <b>GENERATOR LOW LEVEL RADIOACTIVE MIXED WASTE</b>  <b>GENERATOR SHORT TERM (ONE-TIME, NON-RECURRING)</b>  EXPLAIN SHORT TERM GENERATION	<b>RECYCLER NON-STORAGE</b>  <b>RECYCLER STORAGE</b>  <b>RECYCLER COMMERCIAL</b>  <b>RECYCLER NON-COMMERCIAL</b>	<b>OPTING INTO SUBPART K</b>  COLLEGE OR UNIVERSITY  TEACHING HOSPITAL  NON-PROFIT INSTITUTE  <b>WITHDRAWING FROM SUBPART K</b> See Rule 0400-12-01-.03(10)(e)	
	<b>HAZARDOUS SECONDARY MATERIALS (FORM HN-HSM)</b>  <b>HTMR RESIDUES (NOTIFICATION LETTER REQUIRED)</b>  <b>RECLAMATION OF SPENT WOOD PRESERVING RESIDUES</b>  <b>MANUFACTURER OF ZINC FERTILIZERS (OR ZINC FERTILIZER INGREDIENTS)</b>	<b>OPERATING UNDER SUBPART P - PHARMACEUTICALS</b>  HEALTHCARE FACILITY  TYPE OF HEALTHCARE FACILITY  REVERSE DISTRIBUTOR	<b>WITHDRAWING FROM SUBPART P</b> See Rule 0400-12-01-.09 (16)(c) (1)
	<b>US IMPORTER</b>  <b>US EXPORTER</b>	<b>PRIMARY MINERAL PROCESSING (RECOVERY OF MINERALS, ACIDS, CYANIDE, WATER, etc.)</b>	

<b>TRANSPORTER</b> _____ / _____ / _____	← <b>DATE TRANSPORTER ACTIVITY BEGAN</b>
--	--

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    **SUBMIT FORMS:** HN, TRFDS

<b>TRANSFER FACILITY</b> _____ / _____ / _____	← <b>DATE TRANSFER FACILITY ACTIVITY BEGAN</b>
--	--

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    **SUBMIT FORMS:** HN, NF

<b>USED OIL</b> _____ / _____ / _____	← <b>DATE USED OIL ACTIVITY BEGAN</b>
---------------------------------------	---------------------------------------

- |  |  |
|--|--|
| <p><b>1. BURNER</b><br/> REQUIREMENTS: EPA ID, UOP NUMBER, ANNUAL RPT<br/> SUBMIT FORMS: HN, NF, UO-AR</p> <p><b>2. FUEL MARKETER</b><br/> DIRECTS SHIPMENTS OF USED OIL TO BURNER<br/> FIRST CLAIMS THE USED OIL IS ON-SPEC<br/> REQUIREMENTS: EPA ID, UOP NUMBER, ANNUAL RPT<br/> SUBMIT FORMS: HN, NF, UO-AR</p> <p><b>3. PROCESSOR / RE-REFINER</b><br/> PROCESS ONLY<br/> RE-REFINE ONLY<br/> REQUIREMENTS: EPA ID, UOP NUMBER, ANNUAL RPT, FEES<br/> SUBMIT FORMS: HN, NF, UO-AR</p> | <p><b>4. USED OIL TRANSFER FACILITY</b><br/> REQUIREMENTS: EPA ID, UOP NUMBER, ANNUAL RPT AND FEES<br/> SUBMIT FORMS: HN, NF, UO-AR</p> <p><b>5. USED OIL TRANSPORTER</b><br/> REQUIREMENTS: EPA ID, UOP NUMBER, PERMIT, ANNUAL RPT AND FEES<br/> SUBMIT FORMS: HN, NF, UO-AR, UO-D</p> <p><b>6. COLLECTION CENTER (COMMERCIAL ONLY)</b><br/> REQUIREMENTS: UOP NUMBER<br/> SUBMIT FORMS: HN</p> <p><b>7. COLLECTION CENTER (DIY - DO-IT-YOURSELF)</b><br/> SUBMIT FORMS: HN</p> |
|--|--|

<b>TREATMENT, STORAGE AND DISPOSAL (TSD)</b> _____ / _____ / _____	← <b>DATE TSD ACTIVITY BEGAN</b>
--	----------------------------------

**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

- |   |   |
|---|---|
| <p><b>1. RECYCLER</b></p> <p><b>2. INCINERATOR, BOILER OR INDUSTRIAL FURNACE</b></p> <p><b>3. UNDERGROUND INJECTION CONTROL</b></p> | <p><b>4. RECEIVER OF HW FROM OFFSITE</b></p> <p><b>5. POST CLOSURE ONLY</b></p> <p><b>6. CORRECTIVE ACTION ONLY</b></p> |
|---|---|

<b>UNIVERSAL WASTE</b> _____ / _____ / _____	← <b>DATE UNIVERSAL WASTE ACTIVITY BEGAN</b>
--	--

- |  |   |               |            |               |                              |              |  |
|--|---|---------------|------------|---------------|------------------------------|--------------|--|
| <p><b>1. DESTINATION FACILITY</b><br/> LAMP CRUSHER, COMMERCIAL<br/> RECYCLER (ONSITE)<br/> REQUIREMENTS: EPA ID, ANNUAL FEES;<br/> SUBMIT FORMS: HN, NF</p> <p><b>2. TRANSPORTER</b><br/> REQUIREMENTS: NO OTHER REQUIREMENTS</p> | <p><b>3. LARGE QUANTITY HANDLER</b><br/> REQUIREMENTS: EPA ID; ALSO SUBMIT FORMS: HN, NF</p> <p><b>4. SMALL QUANTITY HANDLER</b><br/> REQUIREMENTS: NO OTHER REQUIREMENTS</p> <p><b>IF YOU CHECKED... 3 or 4 ABOVE... CHECK BELOW ALL THAT APPLY</b></p> <table style="width:100%; border: none;"> <tr> <td style="border: none;">BATTERIES</td> <td style="border: none;">PESTICIDES</td> <td style="border: none;">LAMPS / BULBS</td> </tr> <tr> <td style="border: none;">MERCURY CONTAINING EQUIPMENT</td> <td colspan="2" style="border: none;">AEROSOL CANS</td> </tr> </table> | BATTERIES     | PESTICIDES | LAMPS / BULBS | MERCURY CONTAINING EQUIPMENT | AEROSOL CANS |  |
| BATTERIES  | PESTICIDES  | LAMPS / BULBS |            |               |                              |              |  |
| MERCURY CONTAINING EQUIPMENT   | AEROSOL CANS  |               |            |               |                              |              |  |

OFFICE USE	LOG ID	STAFF	DATE	GIA	EPA ID
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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

HN - H

REPORT YEAR
PERMIT YEAR
OFFICE USE ONLY

**HAZARDOUS WASTE REGISTRATION AND NOTIFICATION**

**1. REGISTRATION INFORMATION**

INCOMPLETE APPLICATIONS WILL BE RETURNED

EPA ID NUMBER (IF NEW, LEAVE BLANK)	USED OIL REGISTRATION NUMBER	OFFICE USE ONLY
<input type="text"/>	<input type="text"/>	

**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
<input type="text"/>		<input type="text"/>	<input type="text"/>
CITY	STATE	ZIP	TN COUNTY
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
PHONE1	PHONE2	FAX	E-MAIL
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**4. BUSINESS OWNER**

INDIVIDUAL  COMPANY

IF CORPORATE OWNER, PROVIDE CORPORATE NAME		CORPORATE REGION	CORPORATE DISTRICT
<input type="text"/>		<input type="text"/>	<input type="text"/>
LAST NAME	FIRST NAME	MI	TITLE
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
OWNER MAILING STREET ADDRESS		CITY /TOWN / LOCALITY	
<input type="text"/>		<input type="text"/>	
STATE /TERRITORY	ZIP / POSTAL CODE	COUNTRY	
<input type="text"/>	<input type="text"/>	<input type="text"/>	
PHONE1	PHONE2	FAX	EMAIL
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
# EMPLOYEES	DATE OWNERSHIP BEGAN	DATE OWNERSHIP ENDED	*OWNER CODE
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
			*LAND CODE
			<input type="text"/>
*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
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
BUSINESS MAILING STREET ADDRESS		CITY /TOWN / LOCALITY		
<input type="text"/>		<input type="text"/>		
STATE /TERRITORY	ZIP / POSTAL CODE	COUNTRY		
<input type="text"/>	<input type="text"/>	<input type="text"/>		
PHONE1	PHONE2	FAX	EMAIL	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

EPA ID NUMBER	SITE, BUSINESS, OR INSTALLATION NAME	USED OIL REGISTRATION NUMBER
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<b>6. HAZARDOUS WASTE TRANSPORTERS ONLY</b>	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.
	US DOT or MC/MX NUMBER - HW TRANSPORTERS ONLY  

6A. HAZARDOUS WASTE TRANSPORTERS MODES AND CAPABILITIES		
MODES	NUMBER USED	TRANSPORTER CAPABILITIES
<input type="checkbox"/> HIGHWAY	_____ TRUCKS	<input type="checkbox"/> EXPLOSIVE MATERIALS
<input type="checkbox"/> WATER	_____ TRAILERS	<input type="checkbox"/> OXIDIZERS AND ORGANIC PEROXIDES
<input type="checkbox"/> RAIL	_____ TANKERS	<input type="checkbox"/> MISCELLANEOUS HAZARDOUS MATERIALS
<input type="checkbox"/> AIR	_____ BOATS, BARGES	<input type="checkbox"/> FLAMMABLE / COMBUSTIBLE LIQUIDS
		<input type="checkbox"/> FLAMMABLE SOLIDS /SPONTANEOUSLY COMBUSTIBLE LIQUIDS
		<input type="checkbox"/> GASES
		<input type="checkbox"/> RADIOACTIVE SUBSTANCES
		<input type="checkbox"/> UNIVERSAL WASTE
		<input type="checkbox"/> CORROSIVE MATERIAL
		<input type="checkbox"/> POISON LIQUIDS/SOLIDS/INFECTIOUS SUBSTANCES
		<input type="checkbox"/> OTHER REGULATED MATERIALS

<b>6B. TRANSFER FACILITIES YOU USE</b>	( ) CHECK HERE IF YOU DO NOT UTILIZE TRANSFER FACILITIES IN TENNESSEE
--	---

<b>1</b>	US EPA ID NUMBER	BUSINESS NAME OF TRANSFER FACILITY USED
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

<b>2</b>	US EPA ID NUMBER	BUSINESS NAME OF TRANSFER FACILITY USED
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

<b>3</b>	US EPA ID NUMBER	BUSINESS NAME OF TRANSFER FACILITY USED
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	
<p>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 <a href="http://www.tn.gov/sos/rules/0400/0400-12/0400-12-01/0400-12-01.htm">http://www.tn.gov/sos/rules/0400/0400-12/0400-12-01/0400-12-01.htm</a></p>	

**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  
 William R. Snodgrass Tennessee Tower  
 312 Rosa L. Parks Avenue, 14th Floor  
 Nashville, TN 37243

HN - H (Contacts)

**HAZARDOUS WASTE CONTACT NOTIFICATION**

ENTER CURRENT EPA ID NUMBER	PROVIDE SITE, BUSINESS, OR INSTALLATION NAME	USED OIL REGISTRATION NUMBER
<input type="text"/>	<input type="text"/>	<input type="text"/>

**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
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		



EPA ID NUMBER	SITE, BUSINESS, OR INSTALLATION NAME	USED OIL REGISTRATION NUMBER
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<b>6. LICENSE or PERMIT AGENT</b>	(FOR HAZARDOUS WASTE TRANSPORTERS, IF APPLICABLE)
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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		

<b>7. CONTRACTOR 1</b>
------------------------

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		

<b>8. CONTRACTOR 2</b>
------------------------

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		

<b>9. PART A OR PART B PERMIT CONTACT 1</b>
---

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		

<b>10. PART A OR PART B PERMIT CONTACT 2</b>
--

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		

<b>11. CERTIFICATION</b>
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**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  
 WILLIAM R. SNODGRASS TENNESSEE TOWER  
 312 ROSA L. PARKS AVENUE, 14TH FLOOR  
 NASHVILLE, TN 37243

**WSR**

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
<input type="checkbox"/> <b>NEW WASTE STREAM</b> <input type="checkbox"/> <b>ANNUAL REPORT</b> <input type="checkbox"/> <b>INFORMATION UPDATE</b>	<input type="checkbox"/> <b>HAZARDOUS SECONDARY MATERIAL</b> <input type="checkbox"/> <b>CONSOLIDATED FROM VSQG</b> <input type="checkbox"/> <b>SUBPART K</b>
<input type="checkbox"/> <b>EPISODIC GENERATION - PLANNED</b> <i>MUST NOTIFY 30 DAYS PRIOR TO EVENT</i>	
<input type="checkbox"/> <b>EPISODIC GENERATION - UNPLANNED</b> <i>MUST NOTIFY WITHIN 72 HRS OF EVENT</i> <b>DATE TDEC NOTIFIED</b> _____ <b>DATE EGEN ENDED</b> _____	

**1. HAZARDOUS WASTE STREAM DESCRIPTION AND PROCESS**

<b>1a</b> WASTE STREAM NAME		<b>1b</b> HOW IS (WAS) THIS WASTE GENERATED?			
<b>1b1</b> SOURCE CODE	<b>1c</b> REPORTING UNITS	<b>1d</b> GENERATION FREQUENCY	<b>1e</b> STATUS	<b>1f</b> HAZARD CRITERIA	
<input type="checkbox"/> <b>G</b>	<input type="checkbox"/> kgs <input type="checkbox"/> lbs  DENSITY lbs / gal	<input type="checkbox"/> <b>ONE TIME</b> <i>NON-RECURRING</i> <input type="checkbox"/> <b>REGULARLY</b> <input type="checkbox"/> <b>INTERMITTENTLY</b>	<input type="checkbox"/> <b>ACTIVE</b> <input type="checkbox"/> <b>CLOSED</b> <input type="checkbox"/> <b>RE-ACTIVATED</b>	<input type="checkbox"/> <b>IGNITABLE</b> <input type="checkbox"/> <b>CORROSIVE</b> <input type="checkbox"/> <b>TOXICITY (TCLP)</b>	<input type="checkbox"/> <b>REACTIVE</b> <input type="checkbox"/> <b>LISTED</b>
<b>1g</b> GENERATION START DATE		<b>1g</b> GENERATION END DATE		<b>1g</b> DATE CLAIMED AS HAZ SEC MATERIAL	<b>1g</b> DURATION - EPISODIC DAYS
<b>1h</b> WASTE CODES - IN THIS ORDER: P,D,F,U,K			<b>1i</b> RADIOACTIVE MIXED WASTE	<b>1j</b> MONTHLY MAXIMUM GENERATED	
			<input type="checkbox"/> <b>YES</b> <input type="checkbox"/> <b>NO</b>	<input type="checkbox"/> kgs <input type="checkbox"/> lbs	
<b>1k</b> pH	<b>1l</b> FLASH POINT	<b>1m</b> BTU per POUND	<b>1n</b> REACTIVE CODES		
<b>1o</b> WASTE FORM CODE(S) - W CODES (UP TO THREE)			<b>1p</b> NAICS CODES - (UP TO TWO)		
<b>1q</b> U.S. DOT SHIPPING NAME			<b>1r</b> U.S. DOT HAZARD CLASS	<b>1s</b> U.S. DOT ID CODE	

**2. WASTE STREAM CONSTITUENTS**

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

FD051121

U.S. EPA ID NUMBER	BUSINESS NAME	WASTE STREAM # <input style="width:90%;" type="text"/>
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<b>3. ANNUAL GENERATION AND HANDLING</b>			
<b>3a + 3b - 3c = 3d</b>		<b>3d = 4a + 5a + 5b + 5c + 5d</b>	
<b>3a AMOUNT GENERATED</b>	<b>3b AMOUNT ONSITE JAN 1st</b>	<b>3c AMOUNT ONSITE DEC 31st</b>	<b>3d AMOUNT HANDLED</b>
<input style="width:100%; height:30px;" type="text"/>	<input style="width:100%; height:30px;" type="text"/>	<input style="width:100%; height:30px;" type="text"/>	<input style="width:100%; height:30px;" type="text"/>

<b>4. OFFSITE SHIPPING</b>		
<b>4a TOTAL AMOUNT SHIPPED OFFSITE</b>	<b>4b STATE CODES: STORAGE &amp; DISPOSAL / TREATMENT</b>	<b>4c EPA MANAGEMENT METHOD CODES</b>
<input style="width:100%; height:30px;" type="text"/>	<input style="width:100%; height:30px;" type="text"/>	<input style="width:100%; height:30px;" type="text"/>

<b>5. TSD PERMITTED STORAGE ONLY - OR - FACILITY'S ONSITE HANDLING OR TREATMENT</b>		
<b>5a AMOUNT OF 3d HANDLED ONSITE</b>	<b>5a STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING</b>	<b>5a EPA MANAGEMENT METHOD</b>
<input style="width:100%; height:30px;" type="text"/>	<input style="width:100%; height:30px;" type="text"/>	H <input style="width:20px;" type="text"/> <input style="width:20px;" type="text"/> <input style="width:20px;" type="text"/>
<b>5b AMOUNT OF 3d HANDLED ONSITE</b>	<b>5b STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING</b>	<b>5b EPA MANAGEMENT METHOD</b>
<input style="width:100%; height:30px;" type="text"/>	<input style="width:100%; height:30px;" type="text"/>	H <input style="width:20px;" type="text"/> <input style="width:20px;" type="text"/> <input style="width:20px;" type="text"/>
<b>5c AMOUNT OF 3d HANDLED ONSITE</b>	<b>5c STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING</b>	<b>5c EPA MANAGEMENT METHOD</b>
<input style="width:100%; height:30px;" type="text"/>	<input style="width:100%; height:30px;" type="text"/>	H <input style="width:20px;" type="text"/> <input style="width:20px;" type="text"/> <input style="width:20px;" type="text"/>
<b>5d AMOUNT OF 3d HANDLED ONSITE</b>	<b>5d STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING</b>	<b>5d EPA MANAGEMENT METHOD</b>
<input style="width:100%; height:30px;" type="text"/>	<input style="width:100%; height:30px;" type="text"/>	H <input style="width:20px;" type="text"/> <input style="width:20px;" type="text"/> <input style="width:20px;" type="text"/>

<b>6. HAZARDOUS WASTE REDUCTION</b>			
<b>6a THIS YEAR RATIO</b>	<b>6b GOAL YEAR RATIO</b>	<b>6c GOAL YEAR</b>	<b>6d WASTE / TOXICITY REDUCTION EFFORT CODES</b>
<input style="width:100%; height:30px;" type="text"/>	<input style="width:100%; height:30px;" type="text"/>	<input style="width:100%; height:30px;" type="text"/>	<input style="width:100%; height:30px;" type="text"/>
<b>6e WASTE REDUCTION IMPEDIMENT CODES</b>		<b>6f CHANGE IN TOXICITY</b>	
<input style="width:100%; height:30px;" type="text"/>		<input style="width:20px;" type="text"/> <b>INCREASE</b> <input style="width:20px;" type="text"/> <b>DECREASE</b> <input style="width:20px;" type="text"/> <b>NO CHANGE</b>	
<b>6g NARRATIVE - EXPLAIN REPORTED DATA (IF APPLICABLE)</b>			
<input style="width:100%; height:100%;" type="text"/>			
<b>6h NARRATIVE - IF NO NUMERIC GOAL EXPLAIN WHY</b>			
<input style="width:100%; height:100%;" type="text"/>			

<b>7. FACILITY COMMENTS</b>	
<input style="width:100%; height:100%;" type="text"/>	

<b>TDEC USE ONLY</b>			
<input type="checkbox"/> NOT HAZARDOUS - NH	<input type="checkbox"/> HAZARDOUS - H	<input type="checkbox"/> WASTEWATER - Rx	<input type="checkbox"/> VARIANCE GRANTED - V
<input type="checkbox"/> UNIVERSAL WASTE - U	<input type="checkbox"/> MIXED RAD WASTE - R	<input type="checkbox"/> EPISODIC	<input type="checkbox"/> PARTIAL EXEMPTION PE
<input type="checkbox"/> TREATMENT RESIDUE - TR	<input type="checkbox"/> CORRECTIVE ACTION - C	<input type="checkbox"/> HSM	<input type="checkbox"/> FURTHER REPORTING
<input type="checkbox"/> COMPARABLE FUELS - CF	<input type="checkbox"/> RESOURCE RECOVERY - RR	<input type="checkbox"/> NO LONGER GEN - N	<b>STATUS</b> <input style="width:80%;" type="text"/>
<b>COMMENTS</b>		<b>DATE RECEIVED</b>	<b>DATE REVIEWED</b> <b>STAFF</b>
<input style="width:100%; height:30px;" type="text"/>		<input style="width:100%; height:30px;" type="text"/>	<input style="width:100%; height:30px;" type="text"/>

**INSTRUCTIONS FOR FORM CN-0773 - HAZARDOUS WASTE STREAM REPORT (WSR)**

<b>NEW WASTE STREAMS:</b>	Complete sections 1 and 2 and send to the Division within <b>90 days</b> of original (start of) generation. Visit our website at <a href="https://www.tn.gov/content/tn/environment/program-areas/solid-waste/hazardous-waste-management/hazardous-waste-and-used-oil-forms.html">https://www.tn.gov/content/tn/environment/program-areas/solid-waste/hazardous-waste-management/hazardous-waste-and-used-oil-forms.html</a> to review all forms required when filing information about registration or adding new waste streams.
<b>NOTIFY THE DIVISION:</b>	Within <b>30 days</b> of significant changes after original notification by filing a new Waste Stream Form.
<b>FOR ANNUAL REPORTS:</b>	File this form for each waste stream to report the generation activity for the previous year, referred to as the <b>REPORT YEAR</b> in Sections 3, 4, 5, and 6.
<b>REFER TO:</b>	Rule 0400-12-01-.03(1)(b) gives the procedure to determine if a waste is regulated as hazardous.
<b>REPORT YEAR:</b>	For annual reports, <b>REPORT YEAR</b> refers to the year the hazardous waste was generated. Your annual report must be received by March 1 for waste generation and handling from the previous calendar year.
<b>WASTE STREAM NUMBER</b>	Start your numbering at 1. This number will follow the Waste Stream on all correspondence and reports. Number all present and future waste streams consecutively.
<b>TYPE OF NOTIFICATION</b>	CHECK all that apply: New Waste Stream, Annual Report, Information Update, Subpart K, Hazardous Secondary Material, or Consolidated from VSQG.
<b>EPISODIC GENERATION</b>	Planned episodic generation requires <b>30 days</b> notice prior to generation. Unplanned events require notification within <b>72 hours</b> after generation. You must provide the date TDEC was notified and the date the waste was removed from the site, concluding the episodic event.

ITEM	ITEM NAME	GUIDANCE
1a	<b>WASTE STREAM NAME</b>	Name the waste using a specific and unique name if possible. See Rule 0400-12-01-.02(4) for wastes listed by name.
1b	<b>HOW IS THIS WASTE GENERATED?</b>	Briefly 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. If extra space is needed, use the Facility Comments (Item 7) on the back of FORM WSR.
1b1	<b>SOURCE CODE</b>	Look up <b>G Source Code</b> on the "Code Listing for Hazardous Waste Form WSR (CN-0773)." This listing can be found at <a href="https://www.tn.gov/content/tn/environment/program-areas/solid-waste/hazardous-waste-management/hazardous-waste-and-used-oil-forms.html">https://www.tn.gov/content/tn/environment/program-areas/solid-waste/hazardous-waste-management/hazardous-waste-and-used-oil-forms.html</a> under the heading "Instructions." Click on the item entitled "Waste Codes."
1c	<b>REPORTING UNITS</b>	Choose either kilograms or pounds. Use the same unit on this and all other forms. If you do not know how to convert from volume units to weight units, enter the volume to weight conversion factor (DENSITY). For example, if your unit of measure is originally in gallons, give a conversion factor in pounds per gallon. Conversion of gallons to pounds: (gallons x pounds per gallon conversion factor) = pounds. Conversion of pounds to kilograms: (pounds divided by 2.2046) = kilograms.
1d	<b>GENERATION FREQUENCY</b>	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	<b>WASTE STREAM STATUS</b>	Check if the generation of the waste stream is active, closed or re-activated. If the waste stream is marked "closed," state the "date no longer generated" in 1g or the waste stream will not be closed.
1f	<b>HAZARD CRITERIA</b>	Check one or more characteristics of the waste as appropriate to identify its hazards according to Rule 0400-12-01-.03(1)(b).
1g	<b>GENERATION DATES</b> (mm/dd/yyyy)	<b>GENERATION START DATE</b> - Date the facility began to generate this waste at this site. <b>GENERATION END DATE</b> - Date generation of waste ceased onsite. <b>DATE CLAIMED AS HAZ SEC MATERIAL</b> - Date material was declared to be a hazardous secondary material (HSM). Additional notification is required (Form CN-1482). <b>DURATION-EPISODIC</b> - provide duration of event in days - a 60 day limit applies to both planned and unplanned events - see Rule 0400-12-01-.03 (11)(c).
1h	<b>EPA WASTE CODES</b>	List at least one EPA waste code as determined through the hazardous waste determination process described in Rule 0400-12-01-.03(1)(b). In the case of mixtures, list the codes in descending order of concentration (P, D, F, U and K).
1i	<b>RADIOACTIVE MIXED WASTE</b>	Check "Yes" if the waste is a mixed hazardous and radioactive waste. Check "No" if the waste is simply hazardous.
1j	<b>MONTHLY MAXIMUM GENERATED</b>	This is the <b>MAXIMUM</b> amount of waste generated in any one month of the report year. For new waste streams, enter the projected maximum for this item. This information should be reviewed and updated at a minimum annually.
1k	<b>pH</b>	Indicate the pH for any corrosive waste.
1l	<b>FLASH POINT</b>	List the flash point (°F) for any ignitable waste.
1m	<b>BTU PER POUND</b>	List the British Thermal Units (BTU) of the waste if it is fuel blended or burned for energy recovery. If the fuel blending exclusion is claimed, the waste must have a > 5,000 BTU/lb.

FD051321

**INSTRUCTIONS FOR FORM CN-0773 - HAZARDOUS WASTE STREAM REPORT (WSR) - continued**

ITEM	ITEM NAME	GUIDANCE
1n	REACTIVE CODES	Choose the reactive code for wastes that may be reactive from this list: <b>1</b> - Potentially releases hydrogen cyanide gas <b>2</b> - Potentially releases hydrogen sulfide <b>3</b> - Reacts violently with water <b>4</b> - Thermally unstable or shock sensitive <b>5</b> - A USDOT forbidden explosive <b>6</b> - A Class A or B USDOT explosive <b>7</b> - Reactive by presence of strong oxidants <b>8</b> - Reactive by presence of strong reductants <b>9</b> - Reactive by other RCRA criteria or other test/criteria
1o	WASTE FORM CODE	Look up <b>W Waste Form Code</b> on the "Code Listing for Hazardous Waste Form WSR (CN-0773)." This listing can be found at <a href="https://www.tn.gov/content/tn/environment/program-areas/solid-waste/hazardous-waste-management/hazardous-waste-and-used-oil-forms.html">https://www.tn.gov/content/tn/environment/program-areas/solid-waste/hazardous-waste-management/hazardous-waste-and-used-oil-forms.html</a> under the heading "Instructions." Click on the item entitled "Waste Codes."
1p	NAICS CODE	Enter the 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 2017 NAICS Codes is available online at <a href="https://www.census.gov/naics/">https://www.census.gov/naics/</a> .
1q	USDOT SHIPPING NAME	Give the name required by 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) - See Chart Fig 1.
1s	USDOT ID CODE	Defined by U. S. Department of Transportation (USDOT) Regulations.
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 before use concentrations in percentages in the upper and lower columns. If there is a single, precise concentration, report that information in the "lower" column.
3	ANNUAL GENERATION AND HANDLING	Record 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	AMT ONSITE JAN 1st	Enter amount in kilograms or pounds of hazardous waste in temporary storage or accumulation area(s) on January 1 of the Report Year. This should match Item 3c of the previous report year.
3c	AMT ONSITE DEC 31st	Enter amount in kilograms or pounds of hazardous waste in temporary storage and accumulation area(s) on December 31 of the Report Year.
3d	AMOUNT HANDLED	The amount handled 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/Waste Management Method Codes that describes the technique(s) used to handle the waste through final disposition in the Report Year. Use the state codes from the "Hazardous Waste Annual Report Code List." If an "other" code is used, provide the treatment/disposal method in item 7, facility comments. For example: T18 - high temperature metal recovery.
4c	EPA MANAGEMENT METHOD	Enter the management method code that best represents the techniques used to handle the waste through final disposition. These codes can be found in block 19 on the manifest, typically. If you know the treatment/disposal method, use the EPA codes from the "Hazardous Waste Annual Report Code List." If an "other" code is used, provide the treatment/disposal method in item 7, facility comments.
5	TSD PERMITTED STORAGE ONLY OR FACILITY'S ONSITE HANDLING or TREATMENT	5a - 5d - For onsite handling, use up to four blocks to represent different sets of handling procedures if necessary. TSDRs who placed hazardous wastes in permitted storage in previous years and who rehandled that waste onsite this Report Year should enter the rehandling on the TSDR Permitted Activity Report and not on this form.
6	HAZARDOUS WASTE REDUCTION	Refer to the instruction sheet titled "Item 6 of Waste Stream Report (Waste Reduction)."
7	FACILITY COMMENTS	Use this space to more fully explain information or data in ITEMS 1 through 5.

**Fig. 1 HAZARD CLASSES AND LABELING REQUIREMENTS**

From Electronic Code of Federal Regulations <https://www.gpo.gov/>

[https://www.ecfr.gov/cgi-bin/retrieveECFR?gp=1&SID=65f00e69e811d07fec980475ee652307&ty=HTML&h=L&n=49y2.1.1.3.9&r=PART#se49.2.172\\_1101](https://www.ecfr.gov/cgi-bin/retrieveECFR?gp=1&SID=65f00e69e811d07fec980475ee652307&ty=HTML&h=L&n=49y2.1.1.3.9&r=PART#se49.2.172_1101)

[Amdt. 172-123, 55 FR 52593, Dec. 21, 1990, as amended at 56 FR 66255, Dec. 20, 1991; Amdt. 172-151, 62 FR 1228, Jan. 8, 1997; 64 FR 10776, Mar. 5, 1999; 64 FR 51918, Sept. 27, 1999; 69 FR 3668, Jan. 26, 2004; 69 FR 64471, Nov. 4, 2004; 78 FR 60753, Oct. 2, 2013; 85 FR 83381, Dec. 21, 2020]

Hazard Class or Division	Label Name	Label Design or Section Reference
1.1	EXPLOSIVES 1.1	172.411
1.2	EXPLOSIVES 1.2	172.411
1.3	EXPLOSIVES 1.3	172.411
1.4	EXPLOSIVES 1.4	172.411
1.5	EXPLOSIVES 1.5	172.411
1.6	EXPLOSIVES 1.6	172.411
2.1	FLAMMABLE GAS	172.417
2.2	NON-FLAMMABLE GAS	172.415
2.3	POISON GAS	172.416
3 Flammable Liquid (Combustible liquid)	FLAMMABLE LIQUID (none)	172.419
4.1	FLAMMABLE SOLID	172.420
4.2	SPONTANEOUSLY COMBUSTIBLE	172.422
4.3	DANGEROUS WHEN WET	172.423
5.1	OXIDER	172.426
5.2	ORGANIC PEROXIDE	172.427
6.1 (material poisonous by inhalation (see §171.8 of this subchapter))	POISON INHALATION HAZARD	172.429
6.1 (other than material poisonous by	POISON	172.430
6.1 (inhalation hazard, Zone A or B)	POISON INHALATION HAZARD	172.429
6.1 (other than inhalation hazard, Zone	POISON	172.430
6.2	INFECTIOUS SUBSTANCE	172.432
7 (see §172.403)	RADIOACTIVE WHITE-I	172.436
7	RADIOACTIVE YELLOW-II	172.438
7	RADIOACTIVE YELLOW-III	172.440
7 (fissile radioactive material; see	FISSILE	172.441
7 (empty packages, see §173.428 of this subchapter)	EMPTY	172.450
8	CORROSIVE	172.442
9	CLASS 9	172.446

**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.

**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  
 William R. Snodgrass Tennessee Tower  
 312 Rosa L. Parks Avenue, 14th Floor  
 Nashville, TN 37243

<b>OSR</b>	
PAGE _____	OF _____
YEAR _____	
REPORTING UNITS (USE SAME THROUGHOUT)	
<input type="checkbox"/> KG	<input type="checkbox"/> LBS

**HAZARDOUS WASTE OFFSITE SHIPPING**

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								
b								
c								
d								
e								
f								
g								
h								
i								
j								

<b>PAGE TOTAL</b> ▶	↓ ↓	TOTAL AMOUNT SHIPPED	TOTAL SHIPMENTS	<b>CERTIFICATION REQUIRED</b> <b>(Complete Form HN-CS Including Section 7)</b>
	<b>GRAND TOTAL</b> ▶ (IF LAST PAGE)		TOTAL AMOUNT SHIPPED	

# 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 System Code that best represents the techniques you used to handle the waste through final disposition. Refer to the System Type Code Form.



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.

<b>LINE 1</b>	<b>Largest amount of hazardous waste generated in ANY CALENDAR MONTH of the reporting year</b> This amount will come from onsite records. Select appropriate category.
<b>LINE 2</b>	<b>Largest amount of hazardous waste accumulated AT ANYTIME in the reporting year</b> This amount should come from onsite records. Select appropriate category.
<b>LINE 3</b>	<b>Largest amount of "acute" hazardous waste generated in ANY CALENDAR MONTH of the reporting year</b> See Rule 0400-12-01-.02(4)(a)4. Select appropriate category.
<b>LINE 4</b>	<b>Largest amount of "acute" hazardous waste spill cleanup residue generated in ANY CALENDAR MONTH of the reporting year</b> See Rule 0400-12-01-.02(4)(d)4. Select appropriate category.
<b>LINE 5</b>	<b>Hazardous waste GENERATOR BASE FEE</b> 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 <b>Part 2 -Offsite Shipping Fees</b> . Proceed to <b>Part 3 CERTIFICATION REQUIRED</b> .

**Part 2 - OFFSITE SHIPPING FEES**

<b>LINE 6</b>	<b>Enter the total amount of hazardous waste shipped during the report year.</b> Total of ALL offsite shipped hazardous waste from ALL PAGES (GRAND TOTAL) entered in column 4 on the Offsite Shipping Report (Form CN-0779).
<b>LINE 7</b>	<b>Amount of Line 6 resulting from a TDEC or EPA remediation or corrective action activity.</b> 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).
<b>LINE 8</b>	<b>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.</b> 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).
<b>LINE 8A</b>	<b>Add Lines 7 and 8</b> This is the total amount of Excluded Wastes from Offsite Shipping fees for the Report Year.
<b>LINE 9</b>	<b>Subtract Line 8A From Line 6 - SUBTOTAL SUBJECT TO FEES</b> This is the total amount remaining of Waste Shipped Offsite that is subject to FEES.

**Part 2 - OFFSITE SHIPPING FEES (continued)**

<b>LINE 10</b>	<p><b>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).</b></p> <p>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).</p>
<b>LINE 11</b>	<p><b>Amount of Line 9 that was hazardous wastewaters [( &lt; 1% total organic carbon (TOC) and &lt; 1% total suspended solids (TSS)]</b></p> <p>Enter the amount from Line 9 that consisted of wastewaters shipped offsite containing &lt; 1% total organic carbon (TOC) and &lt; 1% total suspended solids (TSS). (See Rule 0400-12-01-.08(5)(c)2).</p>
<b>LINE 11A</b>	<p><b>Add Lines 10 and 11 Total Amount of identified waste available for fees</b></p>
<b>LINE 12</b>	<p><b>Line 9 Remaining unidentified wastes eligible for fees</b></p>
<b>LINE 13</b>	<p><b>CALCULATE</b></p> <p>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).</p>
<b>LINE 14</b>	<p><b>CALCULATE</b></p> <p>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).</p>
<b>LINE 15</b>	<p><b>CALCULATE</b></p> <p>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).</p>
<b>LINE 16</b>	<p><b>OFFSITE SHIPPING FEE</b></p> <p>Add Lines 13, 14 and 15 to determine the total offsite shipping fee and enter the amount on Line 16.</p>
<b>LINE 17</b>	<p><b>OFFSITE SHIPPING FEE CALCULATION</b></p> <p>Enter on Line 17 the amount on Line 16 or \$29,200 (whichever is the smaller amount).</p>
<b>LINE 18</b>	<p><b>TOTAL ANNUAL HAZARDOUS WASTE GENERATION FEE</b></p> <p>Add Lines 5 and 17.</p>

**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  
 WILLIAM R. SNODGRASS TENNESSEE TOWER  
 312 ROSA L. PARKS AVENUE, 14TH FLOOR  
 NASHVILLE, TN 37243

G-FDS GENERATOR
REPORT YEAR

ANNUAL HAZARDOUS WASTE GENERATION FEE DETERMINATION

EPA ID NUMBER	SITE / BUSINESS NAME
---------------	----------------------

<b>REQUIRED</b> ▶▶	CHECK UNIT OF MEASURE YOU ARE REPORTING (Pounds = Kilograms multiplied by 2.2046)	CHANGE OF OWNERSHIP OR LOCATION?
	<input type="checkbox"/> POUNDS <input type="checkbox"/> KILOGRAMS	<input type="checkbox"/> YES <input type="checkbox"/> 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**

<input type="checkbox"/> ZERO AMOUNTS, NONE GENERATED	<b>\$0</b>	<b>LINE 1</b>
<input type="checkbox"/> GREATER THAN ZERO BUT LESS THAN OR EQUAL TO 100 KG (220 LBS)	<b>\$0</b>	
<input type="checkbox"/> GREATER THAN 100KG (220 LBS) BUT LESS THAN 1000 KG (2200 LBS)	<b>\$1200</b>	
<input type="checkbox"/> 1000 KG (2200 LBS) OR MORE	<b>\$2000</b>	

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

<input type="checkbox"/> ZERO AMOUNTS, NONE ACCUMULATE	<b>\$0</b>	<b>LINE 2</b>
<input type="checkbox"/> MORE THAN ZERO BUT LESS THAN OR EQUAL TO 1000 KG (2200 LBS)	<b>\$0</b>	
<input type="checkbox"/> GREATER THAN 1000 KG (2200 LBS) BUT LESS THAN 6000 KG (13,200 POUNDS)	<b>\$1200</b>	

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

<input type="checkbox"/> ZERO AMOUNTS, NONE GENERATED	<b>\$0</b>	<b>LINE 3</b>
<input type="checkbox"/> MORE THAN 1 KG (2.2 LBS)	<b>\$2000</b>	

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

<input type="checkbox"/> ZERO AMOUNTS, NONE GENERATED	<b>\$0</b>	<b>LINE 4</b>
<input type="checkbox"/> MORE THAN 100 KGS (220 LBS)	<b>\$2000</b>	

**CALCULATE YOUR HAZARDOUS WASTE GENERATION BASE FEE**

ENTER ON LINE 5 THE LARGEST APPLICABLE FEE AMOUNT SELECTED ON LINES 1 THROUGH 4 ABOVE -- ENTER <b>\$0, \$1200, OR \$2000</b>	<input style="width: 100%;" type="text"/>	<b>LINE 5</b>
--	---	---------------

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

EPA ID NUMBER	SITE / BUSINESS NAME		
<b>PART 2 OFFSITE SHIPPING FEES (IF LINE 5 IS \$0, SKIP TO PART 3)</b>			
▶ ENTER THE <b>TOTAL</b> AMOUNT OF HAZARDOUS WASTE SHIPPED DURING THE REPORT YEAR	<input type="text"/>		<b>LINE 6</b>
AMOUNT OF LINE 6 RESULTING FROM A TDEC OR EPA REMEDIATION OR CORRECTIVE ACTION ACTIVITY	<input type="text"/>		<b>LINE 7</b>
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	<input type="text"/>		<b>LINE 8</b>
ADD LINES 7 AND 8	<input type="text"/>		<b>LINE 8A</b>
SUBTRACT LINE 8A FROM LINE 6 - SUBTOTAL SUBJECT TO FEES	<input type="text"/>		<b>LINE 9</b>
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	<input type="text"/>		<b>LINE 10</b>
AMOUNT OF LINE 9 THAT WAS WASTEWATERS [ <1% TOTAL ORGANIC CARBON (TOC) AND < 1% TOTAL SUSPENDED SOLIDS (TSS)]	<input type="text"/>		<b>LINE 11</b>
ADD LINES 10 AND 11	<input type="text"/>		<b>LINE 11A</b>
LINE 9 MINUS SUM OF LINE 11A	<input type="text"/>		<b>LINE 12</b>
<b>MULTIPLY LINE 10</b> BY \$0.0012 (IF IN POUNDS) OR \$0.00264552 (IF IN KILOGRAMS)	\$ <input type="text"/>		<b>LINE 13</b>
<b>MULTIPLY LINE 11</b> BY \$0.0047 (IF IN POUNDS) OR \$0.01036162 (IF IN KILOGRAMS)	\$ <input type="text"/>		<b>LINE 14</b>
<b>MULTIPLY LINE 12</b> BY \$0.0088 (IF IN POUNDS) OR \$0.01940048 (IF IN KILOGRAMS)	\$ <input type="text"/>		<b>LINE 15</b>
ADD LINES 13, 14 AND 15	\$ <input type="text"/>		<b>LINE 16</b>
<b>CALCULATE YOUR HAZARDOUS WASTE OFFSITE SHIPPING FEE</b>			
<b>558</b> ENTER THE AMOUNT FROM LINE 16 OR \$29,200 (WHICHEVER IS SMALLER)	\$ <input type="text"/>		<b>LINE 17</b>
<b>CALCULATE YOUR TOTAL HAZARDOUS WASTE GENERATION FEE</b>			
ADD LINES 5, 17 <b>PAY THIS AMOUNT</b> ▶	\$ <input type="text"/>		<b>LINE 18</b>
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 WILLIAM R. SNODGRASS TENNESSEE TOWER 312 ROSA L. PARKS AVENUE, 10TH FLOOR NASHVILLE, TN 37243		
<b>PART 3 - CERTIFICATION REQUIRED</b>			
<b>(Complete Form HN-CS (Form CN-1442 Including Section 7))</b>			



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

NF

REPORT YEAR
OFFICE USE ONLY

**HAZARDOUS WASTE NOTIFICATION FEES**

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

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

NEW SITES	EXISTING SITES	CATEGORY	CHECK APPLICABLE CATEGORY AT LEFT AND ENTER FEE AMOUNT IN CATEGORY TOTAL	CODE	FEE AMOUNT	CATEGORY TOTAL
<b>IF YOU CHECK 3A or 4A or 8A ON FORM TRFDS, DO NOT CHECK 1A BELOW</b>						
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>1A NEW SITE</b>	I DO NOT HAVE AN EPA ID NUMBER FOR THIS SITE AND AM APPLYING FOR ONE NOW	538	\$150.00	\$
YES	NO					<b>1A TOTAL</b>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>2A OWNER CHANGE</b>	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	\$
NO	YES					<b>2A or 3A TOTAL</b>
<b>IF YOU CHECK BOTH 2A AND 3A THE MAXIMUM FEE IS \$150.00</b>						
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>3A RELOCATION</b>	I AM CURRENTLY REGISTERED UNDER THE EPA ID NUMBER I ENTERED ABOVE BUT HAVE MOVED AND NEED A NEW EPA ID	538	\$150.00	\$
NO	YES					<b>2A or 3A TOTAL</b>
<b>FOR 3A - ANNUAL MAINTENCE FEES IN PART 5 BELOW ARE ALSO DUE UPON RELOCATION</b>						
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>4A WASTE STREAM ADD FEE</b>	ENTER NUMBER OF WASTE STREAMS YOU ARE IDENTIFYING / ADDING → <input type="text"/>	<input checked="" type="checkbox"/> \$100.00 EACH ( ) EXISTING SITE <input checked="" type="checkbox"/> \$0.00 EACH ( ) NEW SITE		\$
YES	YES					<b>4A TOTAL</b>

OFFICE USE ONLY >	WS#	WS#	WS#	WS#	WS#
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		<b>ANNUAL MAINTENANCE FEES</b>	<b>ALSO REQUIRED:</b>	ANNUAL DUE DATE	CODE	FEE AMOUNT	
<input checked="" type="checkbox"/>							
	<input type="checkbox"/>	<b>5A HW TRANSFER FACILITY</b>	1) AT TIME OF NOTIFICATION AND ANNUALLY THEREAFTER ON DUE DATES GIVEN  2) UPON RELOCATION AND ANNUALLY THEREAFTER ON DUE DATES GIVEN	DEC 31	572	\$850.00	\$
	<input type="checkbox"/>	<b>5B USED OIL TRANSPORTER (TN AND OUT STATE)</b>		MARCH 1	573	\$200.00	\$
	<input type="checkbox"/>	<b>5C USED OIL TRANSFER FACILITY</b>		MARCH 1	574	\$1000.00	\$
	<input type="checkbox"/>	<b>5D USED OIL PROCESSOR / RE-REFINER</b>		MARCH 1	571	\$2000.00	\$
	<input type="checkbox"/>	<b>5E UNIVERSAL WASTE DESTINATION FACILITY</b>		MARCH 1	570	\$2000.00	\$
YES	YES						<b>5E TOTAL</b>

**CERTIFICATION**

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

MAKE PAYABLE TO: "TREASURER, STATE OF TENNESSEE"
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<b>PAY THIS AMOUNT</b> ▶
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\$	<b>GRAND TOTAL</b>
	ADD CATEGORY TOTALS

**TDEC OFFICE USE ONLY**

FACID	LOG ID CODE	STAFF INITIALS	DATE	GIA CUSTOMER #	UOP NUMBER	( ) NEWLY ASSIGNED ( ) TRANSFERRED EPA ID NUMBER
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STATE OF TENNESSEE  
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 NASHVILLE, TN 37243

**HN-C**

TDEC USE ONLY

**A**     **F**

**HAZARDOUS WASTE CLOSURE NOTIFICATION**

**IF YOU ARE OPERATING UNDER A PART A or PART B PERMIT, AN ORDER, OR OTHER ENFORCEABLE DOCUMENT, OTHER CLOSURE CONDITIONS APPLY. 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**      **3. ENVIRONMENTAL ACTIVITY END DATES**

<p><input type="checkbox"/> <b>ENDING ENVIRONMENTAL ACTIVITY</b> (COMPLETE SECTION 3) →</p> <p><input type="checkbox"/> <b>CLOSING ACCUMULATION UNITS (LQG)</b> (SKIP TO SECTION 5)</p> <p><input type="checkbox"/> <b>REPORTING CLOSURE COMPLETE (LQG)</b></p> <p><input type="checkbox"/> <b>CLOSING A FACILITY (LQG)</b> (SKIP TO SECTION 4)</p> <p><input type="checkbox"/> <b>REQUESTING AN EXTENSION TO CLOSE (LQG)</b> (SKIP TO SECTION 6)</p> <p><input type="checkbox"/> <b>OTHER (SPECIFY)</b></p>	<p>(ENTER DATE THE ENVIRONMENTAL ACTIVITY ENDED (OR WILL END) ↓</p> <p><input type="checkbox"/> <b>GENERATOR</b> _____</p> <p><input type="checkbox"/> <b>TRANSPORTER</b> _____</p> <p><input type="checkbox"/> <b>TRANSFER FACILITY</b> _____</p> <p><input type="checkbox"/> <b>USED OIL</b> _____</p> <p><input type="checkbox"/> <b>TSDf</b> _____</p> <p><input type="checkbox"/> <b>UNIVERSAL WASTE</b> _____</p>
--	---

**4. FACILITY LEVEL**      **5. ACCUMULATION UNIT CLOSURE**      **6. DATES**

<p><input type="checkbox"/> <b>SITE CLOSURE</b> ENTER DATES →</p> <p><input type="checkbox"/> PARTIAL</p> <p><input type="checkbox"/> TOTAL</p> <p><input type="checkbox"/> TEMPORARY</p> <p><input type="checkbox"/> PERMANENT</p>	<p><input type="checkbox"/> <b>CONTAINER(S)</b> _____ DESCRIBE</p> <p><input type="checkbox"/> <b>DRIP PAD(S)</b> _____ DESCRIBE</p> <p><input type="checkbox"/> <b>TANK(S)</b> _____ DESCRIBE</p> <p><input type="checkbox"/> <b>CONTAINMENT BUILDING(S)</b> _____ DESCRIBE</p> <p><input type="checkbox"/> <b>OTHER</b> _____ DESCRIBE</p>	<p>_____ EXPECTED CLOSURE DATE</p> <p>_____ DATE EXTENSION REQUESTED</p> <p>_____ <b>NEW EXPECTED</b> CLOSURE DATE</p> <p>_____ DATE OF BUSINESS INTERRUPTION</p> <p>_____ DATE OF BUSINESS RESUMPTION</p> <p>_____ DATE UNIT(S) RETURNED TO SERVICE</p> <p>_____ <b>ACTUAL CLOSURE DATE</b></p> <p>_____ DATE OPERATING RECORD UPDATED</p>
<p><input type="checkbox"/> <b>BUSINESS INTERRUPTION</b> ENTER DATES →</p> <p><input type="checkbox"/> ACTUAL</p> <p><input type="checkbox"/> PROJECTED</p>		
<p><input type="checkbox"/> <b>BUSINESS RESUMPTION</b> ENTER DATES →</p> <p><input type="checkbox"/> ACTUAL</p> <p><input type="checkbox"/> PROJECTED</p>		



**7. CLOSURE CHECKLIST (CONTINUED)**

<p><input type="checkbox"/> BUSINESS WAS COMPLETELY <b>DESTROYED</b></p> <p><input type="checkbox"/> SITE LOCATION PERMANENTLY <b>ALTERED OR DESTROYED</b></p> <p><input type="checkbox"/> DAMAGE OR DESTRUCTION <b>LIMITED ACCESS</b> TO SITE</p> <p><input type="checkbox"/> DAMAGE OR DESTRUCTION RESULTED IN <b>LOSS OF RECORDS</b></p> <p><input type="checkbox"/> DAMAGE OR DESTRUCTION CAUSED A <b>RELEASE OR SPILL</b></p> <p><input type="checkbox"/> A LIST OF POSSIBLE <b>CONTAMINANTS</b> AT SITE IS ATTACHED</p> <p><input type="checkbox"/> A LIST OF AREAS OF <b>SPECIFIC CONCERN</b> IS ATTACHED</p> <p><input type="checkbox"/> HAZARDOUS WASTE CONTAMINATED CONTAINERS, TANKS, LINERS, BASES, MATERIALS, EQUIPMENT, STRUCTURES, SOIL OR DEBRIS HAVE BEEN DECONTAMINATED OR <b>DISPOSED</b> OF AT A DESIGNATED FACILITY</p>	<p><input type="checkbox"/> HAZARDOUS MATERIALS / WASTE HAVE BEEN <b>REMOVED</b> FROM SITE</p> <p><input type="checkbox"/> HAZARDOUS <b>WASTE STREAMS</b> HAVE BEEN CLOSED - FORM WSR FOR EACH WASTE STREAM IS ATTACHED</p> <p><input type="checkbox"/> <b>FINAL CLEANING</b> / DECONTAMINATION OF SITE COMPLETED</p> <p><input type="checkbox"/> DISPOSAL OF <b>DECONTAMINATION WASTES</b> COMPLETE</p> <p><input type="checkbox"/> CONTINUED <b>MONITORING</b> OF SITE REQUIRED</p> <p><input type="checkbox"/> <b>LAND USE</b> RESTRICTIONS ARE REQUIRED</p> <p><input type="checkbox"/> <b>OTHER</b> CONTROLS SUCH AS FENCING, etc. REQUIRED</p> <p><input type="checkbox"/> HAZARDOUS WASTE <b>HAS BEEN PREVENTED</b> FROM ENTERING LEACHATE, RUN-OFF, SURFACE WATER, GROUNDWATER AND THE ATMOSPHERE</p> <p><input type="checkbox"/> OTHER LOCAL, STATE, AND FEDERAL AGENCIES HAVE BEEN <b>NOTIFIED</b></p>
--	--

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**

<input type="checkbox"/>	RECEIVED IN CENTRAL OFFICE _____
<input type="checkbox"/>	EFO NOTIFIED _____
<input type="checkbox"/>	SITE INSPECTION, VISIT _____
<input type="checkbox"/>	CLOSURE GROUP NOTIFIED _____
<input type="checkbox"/>	SITE FILED A FINAL ANNUAL REPORT _____
<input type="checkbox"/>	HAS CLOSED AND IS IN COMPLIANCE _____
	COMMENTS
<input type="checkbox"/>	TRACKING SYSTEMS, DATABASES UPDATED _____

EPA ID	FAC ID	GIA	WASTESTREAMS	STAFF	DATE CLOSURE COMPLETED
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# **Section 3**

## **2022 Annual Report Workshop**



## RY2022 Annual Report Workshop

DSWM – Waste Activity Audit Section

January 25, 2023

1

### Waste Activity Audit Section (WAAS)

- What does WAAS do?
  - Clearing house for majority of hazardous waste notifications
    - Issue EPA ID Numbers
    - Audit data quality of annual report submissions
  - Provide technical assistance
    - General hazardous waste questions
    - Assisting with notification process
    - Answer certain regulatory compliance questions
  - Annual and Biennial reporting to the State Legislature and EPA, respectively
  - Data collection and management for regulatory queries
  - General point of contact for the hazardous waste program for generators

2

## HW Auditor Points of Contact

Stephanie Day  
615-532-0316  
[Stephanie.N.Day@tn.gov](mailto:Stephanie.N.Day@tn.gov)  
Memphis & Jackson EFOs

Rhonda Inmon  
615-253-9940  
[Rhonda.Inmon@tn.gov](mailto:Rhonda.Inmon@tn.gov)  
Nashville EFO

Kayse Smith  
615-532-0963  
[Kayse.Smith@tn.gov](mailto:Kayse.Smith@tn.gov)  
Columbia & Chattanooga EFOs

Ashley Sexton  
615-532-7704  
[Ashley.Sexton@tn.gov](mailto:Ashley.Sexton@tn.gov)  
Cookeville & Johnson City EFOs  
/ Hazardous Waste  
Transporters

Nina Vo  
615-532-9268  
[Nina.Vo@tn.gov](mailto:Nina.Vo@tn.gov)  
Knoxville EFO / Used Oil  
Transporters



3

## Hazardous Waste Annual Report

- Who is required to file an annual report?
  - Large Quantity Generators
  - Small Quantity Generators
  - **Episodic Generators**
- Why do generators have to file the annual report?
  - Large and Small Quantity Generators – Rule 0400-12-01-.03(5)(b)1
  - Episodic Generators – Rule 0400-12-01-.03(11)c)1(v)
  - Should not contain anything that is confidential as these reports are subject to the Tennessee Sunshine laws.
- Completed report and fee (if applicable) due March 1



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## Annual Report Packet Contents

- A Cover Letter
- Pre-Printed Unified Certification and Cover Sheet (Form HN-CS)
- Pre-Printed HW Environmental Activity Notification (Form HN-EA)
- Pre-Printed Notification (Form HN-H)
- Pre-Printed HW Contact Notification (HN-H (Contacts))
- Pre-Printed Waste Stream(s) (Form WSR)
- Offsite Shipping Report (Form OSR)
- Waste Stream Instructions & Code List
- HW Notification Fees (Form NF)
- Fee Forms (Form G-FDS)

## Additional Annual Report Packet Contents

- TSDFs also received:
  - Summary Report (Form TPA)
  - Receiving Report (Form TWR)
  - TSD Fee Forms
- Also:
  - Remediation Fee Form (Form RF-FDS)

Note: If you have any questions about Form RF-FDS, contact the Division of Remediation at (615) 532-0900. A video on how to complete form RF-FDS is available at <https://www.tn.gov/environment/program-areas/rem-remediation/hwraf.html>



# Annual Report Process

7

## Certification Form – HN-CS



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

<input type="button" value="RESET"/> <input type="button" value="PRINT"/>	HN-CS
	PERMIT YEAR
	ANNUAL REPORT YEAR
	20
	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

<b>1. NOT CURRENTLY REGISTERED</b>	
<i>I am applying...</i>	<i>I am registering...</i>
<input type="checkbox"/> For an EPA ID NUMBER <input type="checkbox"/> For a USED OIL NUMBER <input type="checkbox"/> For a HAZARDOUS WASTE TRANSPORTER PERMIT	<input type="checkbox"/> for OTHER ACTIVITIES (USED OIL, UNIVERSAL WASTE, HAZ. SECONDARY MATERIALS, ETC)
NOTES	
<b>2. ALREADY REGISTERED</b>	<b>2a. CHECK IF YOU WANT TO:</b>
<input type="text"/> ENTER EPA ID NUMBER <input type="text"/> ENTER USED OIL REGISTRATION NUMBER	<input type="checkbox"/> RENEW A HAZARDOUS WASTE TRANSPORTER PERMIT
<b>2b. SITE INFORMATION (REQUIRED FOR ALL)</b>	
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	



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# Certification Form – HN-CS

<b>3. LOCATION INFORMATION</b>		
<input type="checkbox"/> NEW	<input type="checkbox"/> UPDATE	<input type="checkbox"/> MOVED TO NEW LOCATION
<input type="checkbox"/> ORIGINAL LOCATION ADDRESS IS INCORRECT	<input type="checkbox"/> ADDRESS CHANGED BY 911 EMERGENCY SYSTEM	<input type="checkbox"/> REZONING / ANNEXATION
COMMENTS:		
<b>4. OWNER INFORMATION</b>		
<input type="checkbox"/> NEW	<input type="checkbox"/> CHANGE OWNER	<input type="checkbox"/> UPDATE OWNER INFORMATION
COMMENTS:		
<b>5. BUSINESS NAME</b>		
<input type="checkbox"/> NEW	<input type="checkbox"/> CHANGE	COMMENTS:
<b>6. TRANSFER EPA ID NUMBER</b>		
EPA ID OF SITE YOU ARE MOVING TO	NAME ASSOCIATED WITH THIS EPA ID	COMMENTS:
<b>7. CERTIFICATION - REQUIRED</b>		
<p>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.</p>		
SIGNATURE OF AUTHORIZED REPRESENTATIVE	TITLE	DATE
PRINTED NAME	EMAIL ADDRESS	

CN-1442 (Rev. 4-21)

PAGE 1 OF 2

RDA 2203



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# Certification Form – HN-CS

EPA ID	UOP NUMBER	SITE	
<b>8. ATTACHMENTS - FEES</b>		<b>FEES ASSOCIATED WITH THIS DOCUMENT (CHECK ALL THAT APPLY)</b>	
<input type="checkbox"/> CHECK IF PAYMENT IS ATTACHED		<input type="checkbox"/> HW GENERATOR FEES	<input type="checkbox"/> UNIVERSAL WASTE FEES
EIN	<input type="checkbox"/> - <input type="checkbox"/>	<input type="checkbox"/> HW TRANSFER FACILITY FEES	<input type="checkbox"/> TSDF FEES
<p>IF YOU HAVE QUESTIONS REGARDING YOUR PAYMENT OR EIN, CONTACT TDEC'S CONSOLIDATED FEE SECTION AT 615-532-0065</p>		<input type="checkbox"/> USED OIL FEES	<input type="checkbox"/> TSDF APPLICATION FEES
<b>8a. ATTACHMENTS - ANNUAL REPORTS</b>		<b>OTHER REQUIRED NOTIFICATIONS (CHECK ALL THAT APPLY)</b>	
<input type="checkbox"/> HAZARDOUS WASTE GENERATOR ANNUAL REPORT	<input type="checkbox"/> USED OIL ANNUAL REPORT	<input type="checkbox"/> OTHER (SPECIFY)	
<input type="checkbox"/> CORRECTED	<input type="checkbox"/> CORRECTED	<input type="checkbox"/> NOTIFICATION OF EPISODIC GENERATION	
<input type="checkbox"/> LATE	<input type="checkbox"/> LATE	<input type="checkbox"/> SUPPLYING NOTIFICATION FOR A GENERATOR UNDER CONSOLIDATION RULE	
		<input type="checkbox"/> NOTIFICATION OF CONSOLIDATION OF HAZARDOUS WASTE	
<b>8b. ATTACHMENTS - INFORMATION UPDATES</b>			
<b>ENVIRONMENTAL ACTIVITY</b>	<b>WASTE STREAMS</b>	<b>CONTACTS</b>	<b>SITE OPERATIONAL STATUS</b>
<input type="checkbox"/> ADD (USE FORM HN-EA)	<input type="checkbox"/> ADD (USE FORM WSR)	BILLING ADDRESSES ETC	<input type="checkbox"/> CLOSING FACILITY, BUSINESS INTERRUPTION, ETC
<input type="checkbox"/> UPDATE (USE FORM HN-EA)	<input type="checkbox"/> UPDATE (USE FORM WSR)	<input type="checkbox"/> ADD (USE FORM HN-H CONTACTS)	<input type="checkbox"/> CLOSING CONTAINMENT AREAS (USE FORM HN-C)
<input type="checkbox"/> END (USE FORM HN-C)	<input type="checkbox"/> CLOSE (USE FORM WSR)	<input type="checkbox"/> UPDATE (USE FORM HN-H CONTACTS)	<b>SPECIAL NOTICE: FACILITY ANNUAL REPORT DUE AT CLOSURE</b>



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# Certification Form – HN-CS

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

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

10. SEND DOCUMENTS AND FEES TO:

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

OFFICE USE	LOG ID	STAFF	DATE	GIA	EPA ID
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# Environmental Activity – Form HN-EA

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

HN-EA

RESET FORM	PERMIT YEAR
PRINT	20

ANNUAL REPORT YEAR  
20

**HAZARDOUS WASTE ENVIRONMENTAL ACTIVITY NOTIFICATION**

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

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

A. NOTIFICATION			
A.1 EPA ID NUMBER	A.2 USED OIL REGISTRATION NUMBER	A.3 SITE LOCATION <input type="checkbox"/> WITHIN TN <input type="checkbox"/> 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 SUBMIT FORMS: HN, WSR, NF

**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.) OR 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 SUBMIT FORMS: HN, WSR, NF

**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.  
 OTHER REQUIREMENTS: FORMS: HN, WSR, NF

**NON - NON-GENERATOR**  
HAZARDOUS WASTE STREAMS HAVE BEEN CLOSED  
 OTHER REQUIREMENTS: SUBMIT FORMS: WSR (CN-0773) FOR EACH WASTE STREAM





# Environmental Activity – Form HN-EA

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

<input type="checkbox"/> <b>GENERATOR WASTEWATER</b> <input type="checkbox"/> <b>GENERATOR EPISODIC ADDITIONAL NOTIFICATION REQUIRED</b> <small>FORM WSR</small> <input type="checkbox"/> <b>GENERATOR LOW LEVEL RADIOACTIVE MIXED WASTE</b> <input type="checkbox"/> <b>GENERATOR SHORT TERM</b> <small>(ONE-TIME, NON-RECURRING)</small> EXPLAIN SHORT TERM GENERATION <input type="checkbox"/> <b>US IMPORTER</b> <input type="checkbox"/> <b>US EXPORTER</b>	<input type="checkbox"/> <b>RECYCLER NON-STORAGE</b> <input type="checkbox"/> <b>RECYCLER STORAGE</b> <input type="checkbox"/> <b>RECYCLER COMMERCIAL</b> <input type="checkbox"/> <b>RECYCLER NON-COMMERCIAL</b> <input type="checkbox"/> <b>HAZARDOUS SECONDARY MATERIALS</b> <small>(FORM HN-HSM)</small> <input type="checkbox"/> <b>HTMR RESIDUES</b> <small>(NOTIFICATION LETTER REQUIRED)</small> <input type="checkbox"/> <b>RECLAMATION OF SPENT WOOD PRESERVING RESIDUES</b> <input type="checkbox"/> <b>MANUFACTURER OF ZINC FERTILIZERS</b> <small>(OR ZINC FERTILIZER INGREDIENTS)</small> <input type="checkbox"/> <b>PRIMARY MINERAL PROCESSING</b> <small>(RECOVERY OF MINERALS, ACIDS, CYANIDE, WATER, etc.)</small>	<input type="checkbox"/> <b>OPTING INTO SUBPART K</b> <input type="checkbox"/> COLLEGE OR UNIVERSITY <input type="checkbox"/> TEACHING HOSPITAL <input type="checkbox"/> NON-PROFIT INSTITUTE <input type="checkbox"/> <b>WITHDRAWING FROM SUBPART K</b> <small>See Rule 0400-12-01-.03(10)(e)</small> <input type="checkbox"/> <b>OPERATING UNDER SUBPART P - PHARMACEUTICALS</b> <input type="checkbox"/> HEALTHCARE FACILITY TYPE OF HEALTHCARE FACILITY <input type="checkbox"/> REVERSE DISTRIBUTOR <input type="checkbox"/> <b>WITHDRAWING FROM SUBPART P</b> <small>See Rule 0400-12-01-.09 (16)(c) (1)</small>
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**TN** Department of Environment & Conservation

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# Environmental Activity – Form HN-EA

EPA ID	UOP NUMBER	SITE
<b>TRANSPORTER</b>		← 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 <b>SUBMIT FORMS: HN, TRFDS</b>		
<b>TRANSFER FACILITY</b>		← 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 <b>SUBMIT FORMS: HN, NF</b>		
<b>USED OIL</b>		← DATE USED OIL ACTIVITY BEGAN
1. <input type="checkbox"/> <b>BURNER</b> REQUIREMENTS: EPA ID, UOP NUMBER, ANNUAL RPT SUBMIT FORMS: HN, NF, UO-AR 2. <input type="checkbox"/> <b>FUEL MARKETER</b> <input type="checkbox"/> DIRECTS SHIPMENTS OF USED OIL TO BURNER <input type="checkbox"/> FIRST CLAIMS THE USED OIL IS ON-SPEC REQUIREMENTS: EPA ID, UOP NUMBER, ANNUAL RPT SUBMIT FORMS: HN, NF, UO-AR 3. <input type="checkbox"/> <b>PROCESSOR / RE-REFINER</b> <input type="checkbox"/> PROCESS ONLY <input type="checkbox"/> RE-REFINE ONLY REQUIREMENTS: EPA ID, UOP NUMBER, ANNUAL RPT, FEES SUBMIT FORMS: HN, NF, UO-AR	4. <input type="checkbox"/> <b>USED OIL TRANSFER FACILITY</b> REQUIREMENTS: EPA ID, UOP NUMBER, ANNUAL RPT AND FEES SUBMIT FORMS: HN, NF, UO-AR 5. <input type="checkbox"/> <b>USED OIL TRANSPORTER</b> REQUIREMENTS: EPA ID, UOP NUMBER, PERMIT, ANNUAL RPT AND FEES SUBMIT FORMS: HN, NF, UO-AR, UO-D 6. <input type="checkbox"/> <b>COLLECTION CENTER (COMMERCIAL ONLY)</b> REQUIREMENTS: UOP NUMBER SUBMIT FORMS: HN 7. <input type="checkbox"/> <b>COLLECTION CENTER (DIY - DO-IT-YOURSELF)</b> SUBMIT FORMS: HN	

**TN** Department of Environment & Conservation

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# Environmental Activity – Form HN-EA

<input type="checkbox"/> <b>TREATMENT, STORAGE AND DISPOSAL (TSD)</b>		<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> ← DATE TSD ACTIVITY BEGAN	
<small>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</small>			
1. <input type="checkbox"/> <b>RECYCLER</b>	4. <input type="checkbox"/> <b>RECEIVER OF HW FROM OFFSITE</b>		
2. <input type="checkbox"/> <b>INCINERATOR, BOILER OR INDUSTRIAL FURNACE</b>	5. <input type="checkbox"/> <b>POST CLOSURE ONLY</b>		
3. <input type="checkbox"/> <b>UNDERGROUND INJECTION CONTROL</b>	6. <input type="checkbox"/> <b>CORRECTIVE ACTION ONLY</b>		
<input type="checkbox"/> <b>UNIVERSAL WASTE</b>		<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> ← DATE UNIVERSAL WASTE ACTIVITY BEGAN	
1. <input type="checkbox"/> <b>DESTINATION FACILITY</b> <input type="checkbox"/> LAMP CRUSHER, COMMERCIAL <input type="checkbox"/> RECYCLER (ONSITE)  <small>REQUIREMENTS: EPA ID, ANNUAL FEES; SUBMIT FORMS: HN, NF</small>		3. <input type="checkbox"/> <b>LARGE QUANTITY HANDLER</b> <small>REQUIREMENTS: EPA ID; ALSO SUBMIT FORMS: HN, NF</small>	
2. <input type="checkbox"/> <b>TRANSPORTER</b> <small>REQUIREMENTS: NO OTHER REQUIREMENTS</small>		4. <input type="checkbox"/> <b>SMALL QUANTITY HANDLER</b> <small>REQUIREMENTS: NO OTHER REQUIREMENTS</small>	
<small>IF YOU CHECKED... 3 or 4 ABOVE... CHECK BELOW ALL THAT APPLY</small>			
<input type="checkbox"/> BATTERIES		<input type="checkbox"/> PESTICIDES	
<input type="checkbox"/> MERCURY CONTAINING EQUIPMENT		<input type="checkbox"/> LAMPS / BULBS	
<input type="checkbox"/> AEROSOL CANS			
OFFICE USE	LOG ID	STAFF	DATE
			GIA
			EPA ID

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# Site Registration Notification – Form HN-H



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

RESET

HN - H

## HAZARDOUS WASTE REGISTRATION AND NOTIFICATION

<b>1. REGISTRATION INFORMATION</b> <small>INCOMPLETE APPLICATIONS WILL BE RETURNED</small>		<input type="checkbox"/> REPORT YEAR
<input type="checkbox"/> EPA ID NUMBER (IF NEW, LEAVE BLANK)	<input type="checkbox"/> USED OIL REGISTRATION NUMBER	<input type="checkbox"/> PERMIT YEAR
		<input type="checkbox"/> OFFICE USE ONLY
<b>2. SITE NAME</b> SITE, BUSINESS, OR INSTALLATION NAME		
<b>3. SITE PHYSICAL LOCATION</b>		
SITE LOCATION ADDRESS - NO P.O. BOX NUMBERS! (GIVE DIRECTIONS IF NECESSARY)		LATITUDE
		LONGITUDE
CITY / TOWN / LOCALITY	STATE / TERRITORY	ZIP / POSTAL CODE
	TN	US
PHONE1	PHONE2	FAX
		E-MAIL



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# Site Registration Notification – Form HN-H

**4. BUSINESS OWNER**  INDIVIDUAL  COMPANY

IF CORPORATE OWNER, PROVIDE CORPORATE NAME \_\_\_\_\_ CORPORATE REGION \_\_\_\_\_ CORPORATE DISTRICT \_\_\_\_\_

LAST NAME \_\_\_\_\_ FIRST NAME \_\_\_\_\_ MI \_\_\_\_\_ TITLE \_\_\_\_\_ DEPARTMENT \_\_\_\_\_

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 \_\_\_\_\_

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# HW Contact Information – Form HN-H(Contacts)



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

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 United States

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 \_\_\_\_\_  
TN United States

PHONE 1 \_\_\_\_\_ PHONE 2 \_\_\_\_\_ FAX \_\_\_\_\_ EMAIL \_\_\_\_\_



# HW Contact Information – Form HN-H(Contacts)

3. TECHNICAL CONTACT					
LAST NAME	FIRST NAME	MI	TITLE	STREET ADDRESS	
CITY /TOWN / LOCALITY		STATE /TERRITORY	ZIP / POSTAL CODE	COUNTRY	
		TN		United States	
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	
		TN		United States	
PHONE 1	PHONE 2	FAX	EMAIL		
5. OPERATOR <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> 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	
		TN		United States	
PHONE 1	PHONE 2	FAX	EMAIL		

CN-1445 (Rev. 04-15)

CONTINUED

RDA 2203



# Waste Stream Information – Form WSR



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  
**HAZARDOUS WASTE STREAM REPORT**

PRINT	WSR
	REPORT YEAR
RESET FORM	WASTE STREAM #

**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     EPISODIC GENERATION - PLANNED  
MUST NOTIFY 30 DAYS PRIOR TO EVENT  
 ANNUAL REPORT     CONSOLIDATED FROM VSQG     EPISODIC GENERATION - UNPLANNED  
MUST NOTIFY WITHIN 72 HRS OF EVENT  
 INFORMATION UPDATE     SUBPART K    COMPLETE SECTION 7 "FACILITY COMMENTS"  
DATE TDEC NOTIFIED    DATE EGEN ENDED

**1. HAZARDOUS WASTE STREAM DESCRIPTION AND PROCESS**

1a WASTE STREAM NAME    1b HOW IS (WAS) THIS WASTE GENERATED?

1b1 SOURCE CODE    1c REPORTING UNITS    1d GENERATION FREQUENCY    1e STATUS    1f HAZARD CRITERIA

kgs     lbs     ONE TIME NON-RECURRING     ACTIVE     IGNITABLE     REACTIVE  
 REGULARLY     CLOSED     CORROSIVE     LISTED  
 INTERMITTENTLY     RE-ACTIVATED     TOXICITY (TCLP)

1g GENERATION START DATE    1g GENERATION END DATE    1g DATE CLAIMED AS HAZ SEC MATERIAL    1g DURATION - EPISODIC DAYS



# Waste Stream Information – Form WSR

<b>1g GENERATION START DATE</b>		<b>1g GENERATION END DATE</b>		<b>1g DATE CLAIMED AS HAZ SEC MATERIAL</b>		<b>1g DURATION - EPISODIC DAYS</b>	
<b>1h WASTE CODES - IN THIS ORDER: P,D,F,U,K</b>				<b>1i RADIOACTIVE MIXED WASTE</b>		<b>1j MONTHLY MAXIMUM GENERATED</b>	
				<input type="checkbox"/> YES <input type="checkbox"/> NO		<input type="checkbox"/> kgs <input type="checkbox"/> lbs	
<b>1k pH</b>	<b>1l FLASH POINT</b>	<b>1m BTU per POUND</b>	<b>1n REACTIVE CODES</b>				
<b>1o WASTE FORM CODE(S) - W CODES (UP TO THREE)</b>				<b>1p NAICS CODES - (UP TO TWO)</b>			
<b>1q U.S. DOT SHIPPING NAME</b>			<b>1r U.S. DOT HAZARD CLASS</b>		<b>1s U.S. DOT ID CODE</b>		
<b>2. WASTE STREAM CONSTITUENTS</b>							
<b>2a HAZARDOUS WASTE CONSTITUENT</b>			<b>2b LOWER VALUE</b>	<b>2c UPPER VALUE</b>	<b>2d PPM</b>	<b>% VOL</b>	<b>% WEIGHT</b>
1					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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# Waste Stream Information – Form WSR

U.S. EPA ID NUMBER		BUSINESS NAME		WASTE STREAM #	
<b>3. ANNUAL GENERATION AND HANDLING</b>					
<b>3a AMOUNT GENERATED</b>		<b>3b AMOUNT ONSITE JAN 1st</b>		<b>3c AMOUNT ONSITE DEC 31st</b>	
<b>3d = 4a + 5a + 5b + 5c + 5d</b>		<b>3d AMOUNT HANDLED</b>			
lbs		lbs		lbs	
<b>4. OFFSITE SHIPPING</b>					
<b>4a TOTAL AMOUNT SHIPPED OFFSITE</b>		<b>4b STATE CODES: STORAGE &amp; DISPOSAL / TREATMENT</b>		<b>4c EPA MANAGEMENT METHOD CODES</b>	
lbs					
<b>5. TSD PERMITTED STORAGE ONLY - OR - FACILITY'S ONSITE HANDLING OR TREATMENT</b>					
<b>5a AMOUNT OF 3d HANDLED ONSITE</b>		<b>5a STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING</b>		<b>5a EPA MANAGEMENT METHOD</b>	
lbs				H	
<b>5b AMOUNT OF 3d HANDLED ONSITE</b>		<b>5b STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING</b>		<b>5b EPA MANAGEMENT METHOD</b>	
lbs				H	
<b>5c AMOUNT OF 3d HANDLED ONSITE</b>		<b>5c STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING</b>		<b>5c EPA MANAGEMENT METHOD</b>	
lbs				H	
<b>5d AMOUNT OF 3d HANDLED ONSITE</b>		<b>5d STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING</b>		<b>5d EPA MANAGEMENT METHOD</b>	
lbs				H	

**TN** Department of Environment & Conservation

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### Waste Stream Report – Example Items 3-5

- In 2022, a facility generated 200lbs of paint waste, with 50lbs left onsite on 12/31/2022. No waste was carried over into 2022 from 2021. 100lbs of waste was treated onsite in a solvent recovery unit and 50lbs was sent offsite for incineration in a rotary kiln after the unit broke.

3. ANNUAL GENERATION AND HANDLING			
3a AMOUNT GENERATED	3b AMOUNT ONSITE JAN 1st	3c AMOUNT ONSITE DEC 31st	3d AMOUNT HANDLED
200 lbs	0 lbs	50 lbs	150 lbs
4. OFFSITE SHIPPING			
4a TOTAL AMOUNT SHIPPED OFFSITE	4b STATE CODES: STORAGE & DISPOSAL / TREATMENT	4c EPA MANAGEMENT METHOD CODES	
50 lbs	T07	H040	
5. TSD PERMITTED STORAGE ONLY - OR - FACILITY'S ONSITE HANDLING OR TREATMENT			
5a AMOUNT OF 3d HANDLED ONSITE	5a STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5a EPA MANAGEMENT METHOD	
100 lbs	H09	H	H020

**TN** Department of Environment & Conservation

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## Waste Stream Information – Form WSR

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
					<input type="checkbox"/> INCREASE <input type="checkbox"/> DECREASE <input type="checkbox"/> NO CHANGE
6g NARRATIVE - EXPLAIN REPORTED DATA (IF APPLICABLE)					
6h NARRATIVE - IF NO NUMERIC GOAL EXPLAIN WHY					
7. FACILITY COMMENTS					
8. CERTIFIED SIGNATURE REQUIRED					
COMPLETE FORM CN-1442 (HN-CS) INCLUDING SECTION 7					
TDEC USE ONLY		STATUS		FURTHER REPORTING	
<input type="checkbox"/> NOT HAZARDOUS - NH <input type="checkbox"/> PARTIAL EXEMPTION PE <input type="checkbox"/> VARIANCE GRANTED - V		<input type="checkbox"/> WASTEWATER - Rx <input type="checkbox"/> RESOURCE RECOVERY - RR <input type="checkbox"/> NO LONGER GEN - N		<input type="checkbox"/> YES <input type="checkbox"/> NO	
		DATE RECEIVED		DATE REVIEWED	
				REVIEWED BY	

## Item 6: Hazardous Waste Reduction

- Large and small quantity generators are required to have a hazardous waste reduction plan
- Generators have 3 years to develop one from the start of hazardous waste generation.
- Item 6a
  - Calculate the ratio by dividing the annual amount of waste generated (3a) by whatever standard production unit (SPU) the company has.

$$\frac{\text{Amount of Hazardous Waste}}{\text{Standard Production Unit}}$$

## Hazardous Waste Reduction

- Item 6b – Goal Year Ratio
  - Calculate your goal year ratio by dividing the goal HW generation by the goal production using the number of standard production units (SPU) for this waste

$$\frac{\text{Goal Amount of Waste Production}}{\text{Standard Production Unit}}$$

- Item 6c
  - The year the facility expects to meet their reduction goal

## Waste Reduction Example

6a- THIS YEAR RATIO	6b- GOAL YEAR RATIO	6c- GOAL YEAR
1		

6a: This year's Ratio

$$\frac{\text{Amount of Hazardous Waste}}{\text{Standard Production Unit}}$$

For example:

$$\frac{100 \text{ lbs generated}}{100 \text{ units produced}} = 1$$



## Waste Reduction Example

6a- THIS YEAR RATIO	6b- GOAL YEAR RATIO	6c- GOAL YEAR
1	.9	

6b: Goal Year Ratio

Goal Amount of Waste Reduction  
Standard Production Unit

For example:

10% reduction by 2025

$$\frac{100 - 10}{100} = \frac{90}{100} = .9$$

## Waste Reduction Example

6a- THIS YEAR RATIO	6b- GOAL YEAR RATIO	6c- GOAL YEAR
1	.9	2025

6c- Goal Year

The anticipated Year to accomplish the goal year ratio.

For example:

10% reduction by 2025

# Hazardous Waste Reduction

- Item 6d
  - Methods used to reduce the volume and/or toxicity of hazardous waste
- Item 6e
  - Factors that impede the effort to reduce the volume/toxicity of hazardous waste
- Item 6f
  - Accounts for changes in toxicity in waste produced as a result of reduction efforts
- Item 6g
  - Additional narrative, if needed, to explain the information in items 6a – 6f
- Item 6h
  - Explanation if your facility does not have a hazardous waste reduction goal



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# Offsite Shipping Report – Form OSR

State of Tennessee  
 Department of Environment and Conservation  
 Division of Solid Waste Management  
 William K. Snodgrass Tennessee Tower  
 312 Rosa L. Parks Avenue, 14th Floor  
 Nashville, TN 37243

**HAZARDOUS WASTE OFFSITE SHIPPING**

US EPA ID NUMBER: \_\_\_\_\_ BUSINESS NAME: \_\_\_\_\_

**RESET ALL**

**RESET COLUMN 4**

**PRINT FORM**

OSR

PAGE \_\_\_\_\_ OF \_\_\_\_\_

YEAR \_\_\_\_\_

REPORTING UNITS (USE SAME THROUGHOUT)

KG  LBS

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 Lbs	NUMBER SHIPMENTS	TRANSPORTER 1 EPA ID NUMBER	DESIGNATED FACILITY EPA ID NUMBER	TSDF HANDLING CODES	EPA MANAGEMENT METHOD CODE
a			0.000000 Lbs					
b			0.000000 Lbs					
c			0.000000 Lbs					
d			0.000000 Lbs					
e			0.000000 Lbs					
f			0.000000 Lbs					
g			0.000000 Lbs					

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# Offsite Shipping Report – Form OSR

		0.000000 Lbs					
g		0.000000 Lbs					
h		0.000000 Lbs					
i		0.000000 Lbs					
j		0.000000 Lbs					

PAGE TOTAL ▶

TOTAL AMOUNT SHIPPED	0.000000 Lbs
TOTAL SHIPMENTS	0

GRAND TOTAL ▶ (IF LAST PAGE)

TOTAL AMOUNT SHIPPED	0.000000 Lbs
TOTAL SHIPMENTS	

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

# Offsite Shipping Report – Example

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

**RESET ALL**

**RESET COLUMN 4**

**PRINT FORM**

OSR	
PAGE	1 OF 1
YEAR	2022
REPORTING UNITS (USE SAME THROUGHOUT)	
<input type="checkbox"/> KG	<input checked="" type="checkbox"/> LBS

**HAZARDOUS WASTE OFFSITE SHIPPING**

US EPA ID NUMBER TND987453717	BUSINESS NAME High Quality Company	
----------------------------------	---------------------------------------	--


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 Lbs	NUMBER SHIPMENTS	TRANSPORTER 1 EPA ID NUMBER	DESIGNATED FACILITY EPA ID NUMBER	TSDF HANDLING CODES	EPA MANAGEMENT METHOD CODE
a	2	F006	4,819.000000 Lbs	2	TND109173493	TND109173493	S01	H141
b	2	F006	2,506.000000 Lbs	1	TND965129249	ALD765433795	D80	H132
c	2	F006	2,506.000000 Lbs	1	TND965129249	VAD935741231	D80	H132
d	3	D001, U226	950.000000 Lbs	1	TND981573741	TND981765736	S01	H141
e	4.5	D001, F003	753.000000 Lbs	3	TND095611234	TND936155182	T50, T81	H061
f			0.000000 Lbs					
g			0.000000 Lbs					
h			0.000000 Lbs					
i			0.000000 Lbs					
j			0.000000 Lbs					

PAGE TOTAL ▶

TOTAL AMOUNT SHIPPED	11,534.000000 Lbs
TOTAL SHIPMENTS	8

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

# HW Generation Fee Sheet – Form G-FDS




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

G-FDS  
GENERATOR  
REPORT YEAR YYYY

ANNUAL HAZARDOUS WASTE GENERATION FEE DETERMINATION ENTER >>

EPA ID NUMBER	SITE / BUSINESS NAME		
<b>REQUIRED ▶▶</b>	CHECK UNIT OF MEASURE YOU ARE REPORTING (Pounds = Kilograms multiplied by 2,2046)	CHANGE OF OWNERSHIP OR LOCATION?	
	<input type="checkbox"/> POUNDS <input type="checkbox"/> KILOGRAMS	<input type="checkbox"/> YES <input type="checkbox"/> NO	
<b>PART 1 GENERATION</b>			
<p><b>LINES 1 - 4</b> 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"</p> <p><b>CHECK ONLY ONE IN EACH CATEGORY (I, II, III, IV) FOR THE REPORTING YEAR:</b></p>			
<b>I. LARGEST AMOUNT OF HAZARDOUS WASTE GENERATED IN ANY CALENDAR MONTH IN THE REPORT YEAR</b>			
<input type="checkbox"/>	ZERO AMOUNTS, NONE GENERATED	\$0	<b>LINE 1</b>
<input type="checkbox"/>	GREATER THAN ZERO BUT LESS THAN OR EQUAL TO 100 KG (220 LBS)	\$0	
<input type="checkbox"/>	GREATER THAN 100KG (220 LBS) BUT LESS THAN 1000 KG (2200 LBS)	\$1200	
<input type="checkbox"/>	1000 KG (2200 LBS) OR MORE	\$2000	
<b>II. LARGEST AMOUNT OF NON-ACUTE HAZARDOUS WASTE ACCUMULATED AT ANY TIME IN THE REPORT YEAR (PRIOR TO BEING SHIPPED OFFSITE).</b>			
<input type="checkbox"/>	ZERO AMOUNTS, NONE ACCUMULATE	\$0	<b>LINE 2</b>
<input type="checkbox"/>	MORE THAN ZERO BUT LESS THAN OR EQUAL TO 1000 KG (2200 LBS)	\$0	
<input type="checkbox"/>	GREATER THAN 1000 KG (2200 LBS) BUT LESS THAN 6000 KG (13,200 POUNDS)	\$1200	
<b>III. LARGEST AMOUNT OF ACUTE HAZARDOUS WASTE GENERATED IN ANY CALENDAR MONTH IN THE REPORT YEAR</b>			
<input type="checkbox"/>	ZERO AMOUNTS, NONE GENERATED	\$0	<b>LINE 3</b>
<input type="checkbox"/>	MORE THAN 1 KG (2.2 LBS)	\$2000	
<b>IV. LARGEST AMOUNT OF ACUTE HAZARDOUS WASTE SPILL CLEANUP RESIDUE GENERATED IN ANY CALENDAR MONTH IN THE REPORT YEAR</b>			
<input type="checkbox"/>	ZERO AMOUNTS, NONE GENERATED	\$0	<b>LINE 4</b>
<input type="checkbox"/>	MORE THAN 100 KGS (220 LBS)	\$2000	
<b>CALCULATE YOUR HAZARDOUS WASTE GENERATION BASE FEE</b>			
518	ENTER ON LINE 5 THE LARGEST APPLICABLE FEE AMOUNT SELECTED ON LINES 1 THROUGH 4 ABOVE -- ENTER \$0, \$1200, OR \$2000		\$ <input style="width: 50px;" type="text" value="\$0.00"/> <b>LINE 5</b>
NOTE: TREATMENT, STORAGE AND DISPOSAL FACILITIES ARE ALSO REQUIRED TO COMPLETE FORM CN-0912 (TSD-FDS)			

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# HW Generation Fee Sheet – Form G-FDS

<input type="checkbox"/>	1000 KG (2200 LBS) OR MORE	\$2000	
<b>II. LARGEST AMOUNT OF NON-ACUTE HAZARDOUS WASTE ACCUMULATED AT ANY TIME IN THE REPORT YEAR (PRIOR TO BEING SHIPPED OFFSITE).</b>			
<input type="checkbox"/>	ZERO AMOUNTS, NONE ACCUMULATE	\$0	<b>LINE 2</b>
<input type="checkbox"/>	MORE THAN ZERO BUT LESS THAN OR EQUAL TO 1000 KG (2200 LBS)	\$0	
<input type="checkbox"/>	GREATER THAN 1000 KG (2200 LBS) BUT LESS THAN 6000 KG (13,200 POUNDS)	\$1200	
<b>III. LARGEST AMOUNT OF ACUTE HAZARDOUS WASTE GENERATED IN ANY CALENDAR MONTH IN THE REPORT YEAR</b>			
<input type="checkbox"/>	ZERO AMOUNTS, NONE GENERATED	\$0	<b>LINE 3</b>
<input type="checkbox"/>	MORE THAN 1 KG (2.2 LBS)	\$2000	
<b>IV. LARGEST AMOUNT OF ACUTE HAZARDOUS WASTE SPILL CLEANUP RESIDUE GENERATED IN ANY CALENDAR MONTH IN THE REPORT YEAR</b>			
<input type="checkbox"/>	ZERO AMOUNTS, NONE GENERATED	\$0	<b>LINE 4</b>
<input type="checkbox"/>	MORE THAN 100 KGS (220 LBS)	\$2000	
<b>CALCULATE YOUR HAZARDOUS WASTE GENERATION BASE FEE</b>			
518	ENTER ON LINE 5 THE LARGEST APPLICABLE FEE AMOUNT SELECTED ON LINES 1 THROUGH 4 ABOVE -- ENTER \$0, \$1200, OR \$2000		\$ <input style="width: 50px;" type="text" value="\$0.00"/> <b>LINE 5</b>
NOTE: TREATMENT, STORAGE AND DISPOSAL FACILITIES ARE ALSO REQUIRED TO COMPLETE FORM CN-0912 (TSD-FDS)			

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# HW Generation Fee Sheet – Form G-FDS

EPA ID NUMBER	SITE / BUSINESS NAME	
<b>PART 2 - OFFSITE SHIPPING FEES (IF LINE 5 IS \$0, SKIP TO PART 3)</b>		
ENTER THE <b>TOTAL</b> AMOUNT OF HAZARDOUS WASTE SHIPPED DURING THE REPORT YEAR	0.00	<b>LINE 6</b>
AMOUNT OF LINE 6 RESULTING FROM A TDEC OR EPA REMEDIATION OR CORRECTIVE ACTION ACTIVITY	0.00	<b>LINE 7</b>
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	<b>LINE 8</b>
ADD LINES 7 AND 8	0.00	<b>LINE 8A</b>
SUBTRACT LINE 8A FROM LINE 6 - SUBTOTAL SUBJECT TO FEES	0.00	<b>LINE 9</b>
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	<b>LINE 10</b>
AMOUNT OF LINE 9 THAT WAS WASTEWATERS [ <1% TOTAL ORGANIC CARBON (TOC) AND < 1% TOTAL SUSPENDED SOLIDS (TSS)]	0.00	<b>LINE 11</b>
ADD LINES 10 AND 11	0.00	<b>LINE 11A</b>
LINE 9 MINUS SUM OF LINE11A	0.00	<b>LINE 12</b>

# HW Generation Fee Sheet – Form G-FDS

LINE 9 MINUS SUM OF LINE11A	0.00	<b>LINE 12</b>
<b>MULTIPLY LINE 10</b> BY \$0.0012 (IF IN POUNDS) OR \$0.00264552 (IF IN KILOGRAMS)	\$ 0.00	<b>LINE 13</b>
<b>MULTIPLY LINE 11</b> BY \$0.0047 (IF IN POUNDS) OR \$0.01036162 (IF IN KILOGRAMS)	\$ 0.00	<b>LINE 14</b>
<b>MULTIPLY LINE 12</b> BY \$0.0088 (IF IN POUNDS) OR \$0.01940048 (IF IN KILOGRAMS)	\$ 0.00	<b>LINE 15</b>
ADD LINES 13, 14 AND 15	\$ 0.00	<b>LINE 16</b>
<b>CALCULATE YOUR HAZARDOUS WASTE OFFSITE SHIPPING FEE</b>		
558 ENTER THE AMOUNT FROM LINE 16 OR \$29,200 (WHICHEVER IS SMALLER)	\$ 0.00	<b>LINE 17</b>
<b>CALCULATE YOUR TOTAL HAZARDOUS WASTE GENERATION FEE</b>		
<b>PRINT FORM</b> ADD LINES 5, 17 <b>PAY THIS AMOUNT</b>	\$ 0.00	<b>LINE 18</b>
MAKE CHECK PAYABLE TO: STATE OF TENNESSEE "TREASURER, STATE OF TENNESSEE" DEPARTMENT OF ENVIRONMENT AND CONSERVATION INCLUDE THE FACILITY'S EPA ID NUMBER DIVISION OF FISCAL SERVICES - CONSOLIDATED FEE SECTION ON YOUR REMITTANCE. SEND TO: WILLIAM R. SNODGRASS TENNESSEE TOWER NASHVILLE, TN 37243		
<b>PART 3 - CERTIFICATION REQUIRED</b>		
<b>(Complete Form HN-CS (Form CN-1442 Including Section 7)</b>		

# Notification Fees – Form NF

State of Tennessee  
Department of Environment and Conservation  
Division of Solid Waste Management  
William H. Spurgeon Tennessee Tower  
312 Rosa L. Parks Avenue, 14th Floor  
Nashville, TN 37243

RESET FORM

HAZARDOUS WASTE NOTIFICATION FEES

FORM MAY BE USED TO GET AN EPA ID

FORM MAY BE USED TO GET AN EPA ID	NO	YES
NEW TSD FACILITY	NO	YES
HW TRANSFER FACILITY	NO	YES
USED OIL TRANSPORTER	NO	YES
USED OIL TRANSFER FACILITY	NO	YES
USED OIL PROCESSOR - REFINER	NO	YES
UNIVERSAL WASTE DESTINATION FACILITY	NO	YES

WHO MAY USE THIS FORM

WHO MAY NOT USE THIS FORM (USE FORM TFD03)

EPA ID CURRENTLY ASSIGNED TO YOU FOR THIS CATEGORY

PROVIDE SITE, BUSINESS, OR INSTALLATION NAME

SPEC OIL REGISTRATION NUMBER (IF YOU ARE REGISTERED FOR SPEC OIL)

NEW EXISTING SITES	CATEGORY	CHECK APPLICABLE CATEGORY AT LEFT AND ENTER FEE AMOUNT IN CATEGORY TOTAL	CODE	FEE AMOUNT	CATEGORY TOTAL
YES	NO	1A. I DO NOT HAVE AN EPA ID NUMBER FOR THIS SITE AND AM APPLYING FOR ONE NOW	5100	\$150.00	\$ 0.00
NO	YES	2A. I AM CURRENTLY REGISTERED UNDER THE EPA ID NUMBER I ENTERED ABOVE AND WANT TO NOTIFY TSD OF A CHANGE IN OWNERSHIP	5100	\$150.00	\$ 0.00
NO	YES	3A. I AM CURRENTLY REGISTERED UNDER THE EPA ID NUMBER I ENTERED ABOVE BUT HAVE MOVED AND NEED A NEW EPA ID	5100	\$150.00	\$ 0.00
YES	YES	4A. I HAVE NUMBERED MY WASTE STREAMS YOU ARE IDENTIFYING / ADDING	5100	\$150.00	\$ 0.00
YES	YES	ANNUAL MAINTENANCE FEES	5100	\$150.00	\$ 0.00
YES	YES	HW TRANSFER FACILITY	5100	\$150.00	\$ 0.00
YES	YES	USED OIL TRANSPORTER	5100	\$150.00	\$ 0.00
YES	YES	USED OIL TRANSFER FACILITY	5100	\$150.00	\$ 0.00
YES	YES	USED OIL PROCESSOR / REFINER	5100	\$150.00	\$ 0.00
YES	YES	UNIVERSAL WASTE DESTINATION FACILITY	5100	\$150.00	\$ 0.00

CERTIFICATION REQUIRED (If Complete Form HMR-2 (Including Section 7))

NAME PRINTABLE BY: [ ] TITLE: [ ] STATE OF TENNESSEE: [ ] FEE THIS AMOUNT: \$ 0.00

GRAND TOTAL AND CARRYOVER TOTAL: \$ 0.00

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# Common Mistakes

- Math Errors
  - Carryover amount doesn't match previous year
  - Formulas don't solve correctly on form WSR
  - Amount in 4a on form WSR doesn't match the waste stream total on the offsite shipping report
- Handling/TSD codes on form WSR
  - Did not include final disposition codes, only storage codes (e.g. S01, H141)
- Transporter/Designated Facility EPA ID numbers
  - Not enough characters/numbers
  - Transposed numbers/letters
  - Not permitted for the report year

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## Episodic Generation Notifications

- Adopted May 2021
- Allows VSQGs and SQGs to keep their original generation status when generating hazardous waste above allowable amounts, so long as waste is managed using the modified standards and the generation event lasts no longer than 60 days
- Allowed 1 event each year, with the ability to petition for a 2<sup>nd</sup> – cannot be the same type of event as the first
- Timelines
  - Planned event – Notify state 30 days prior to event start
  - Unplanned event – Notify state within 72hrs of event occurrence

## Episodic Generation Notifications (con't)

- Notification forms
  - HN-CS (Certification)
  - HN-EA (Environmental Activity)
  - WSR (Waste Stream Report)
  - NF (if adding new waste streams)
- Address the forms to Waste Activity Audit Section
- **Required** to submit an annual report for episodic generation events, and likely pay a fee
- Facility will need to apply for an EPA ID number if it doesn't already have one as part of the episodic notification.

## Subpart P – Pharmaceuticals Rule

- Pharmaceuticals Rule adopted April 11, 2022
- LQGs and SQGs that generate hazardous pharmaceutical waste **must** notify that they are participating in Subpart P by 3/1/2023.
- Can use the annual report to make this notification
- May result in facility being able to lower their generator status
- Must report hazardous waste pharmaceutical generation up to April 11, 2022 on RY2022 annual report
- More information about medical waste and subpart P can be found on our [website](#)

## Questions?





## **IMPORTANT THINGS TO KNOW AND REMEMBER**

1. Call TDEC to get a notification packet. Since Tennessee is an authorized state **do not** use the EPA Hazardous Waste Activity Notification Form.
2. Comply with storage time, quantity, and handling requirements for containers and tanks.
3. Clearly mark each container with the words "Indication of Hazardous Waste," and with the date the waste collection began in that container.
4. Keep containers in good condition, handle them carefully, and replace any leaking ones.
5. Keep containers closed except when filling or emptying them.
6. Inspect the container for leaks and corrosion every week.
7. Make sure your waste is taken offsite or treated onsite within your time limit (180 days or 270 days - if you have to ship your waste more than 200 miles, if you are an SQG, and 90 days if you are an LQG.)
8. Choose a permitted transporter and treatment facility.

## **WAYS TO REDUCE A FACILITY'S HAZARDOUS WASTE GENERATION**

1. Do not mix non-hazardous waste with hazardous waste.
2. Avoid spills or leaks of hazardous products.
3. Avoid buying or using more of a hazardous product than you need.

## **ANNUAL REPORT: THINGS TO DOUBLE-CHECK BEFORE SUBMITTING**

Please review the following list before submitting your report:

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

# **Section 4**

## **Code Listing for Hazardous Waste Form**

**CODE LISTING FOR HAZARDOUS WASTE FORM WSR (CN-0773)**

CODE LISTING FOR HAZARDOUS WASTE FORM WSR (CN-0773)

FD070819

**EPA SOURCE CODE**

**REPORT ON FORM WSR (CN-0773) AT ITEM 1b1**

**WASTES FROM ON-GOING PRODUCTION AND SERVICE PROCESSES**

- G01** DIP, FLUSH OR SPRAY RINSING
- G02** STRIPPING AND ACID OR CAUSTIC CLEANING
- G03** PLATING AND PHOSPHATING
- G04** ETCHING
- G05** METAL FORMING AND TREATMENT
- G06** PAINTING AND COATING
- G07** PRODUCT AND BY-PRODUCT PROCESSING
- G08** REMOVAL OF SPENT PROCESS LIQUIDS OR CATALYSTS
- G09** OTHER PRODUCTION OR SERVICE RELATED PROCESSES (SPECIFY)

**WASTES FROM OTHER INTERMITTENT EVENTS OR PROCESSES**

- G11** DISCARDING OFF SPECIFICATION, OUT-OF-DATE, AND/OR UNUSED CHEMICALS OR PRODUCTS
- G12** LAGOON OR SEDIMENT DRAGOUT AND LEACHATE COLLECTION
- G13** CLEANING OUT PROCESS EQUIPMENT
- G14** REMOVAL OF TANK SLUDGE, SEDIMENTS OR SLAG
- G15** PROCESS EQUIPMENT CHANGE-OUT OR DISCONTINUATION OF EQUIPMENT USE
- G16** OIL CHANGES AND FILTER OR BATTERY REPLACEMENT
- G19** OTHER ONE-TIME OR INTERMITTENT PROCESSES (SPECIFY)

**RESIDUALS FROM POLLUTION CONTROL AND WASTE MANAGEMENT PROCESSES**

- G21** AIR POLLUTION CONTROL DEVICES - BAGHOUSE DUST, ETC
- G22** LABORATORY ANALYTICAL WASTES - USED CHEMICALS
- G23** WASTEWATER TREATMENT - SLUDGE, FILTER CAKE, ETC
- G24** SOLVENT OR PRODUCT DISTILLATION OR RECOVERY (SLUDGE, WASTE)
- G25** TREATMENT, DISPOSAL, OR RECYCLING OF HAZARDOUS WASTE
- G26** LEACHATE COLLECTION
- G27** TREATMENT OR RECOVERY OF UNIVERSAL WASTE

**WASTES FROM SPILLS AND ACCIDENTAL RELEASES**

- G31** ACCIDENTAL CONTAMINATION OF PRODUCTS, MATERIALS, OR CONTAINERS
- G32** CLEANUP OF SPILL RESIDUES
- G33** LEAK COLLECTION AND FLOOR SWEEPING
- G39** OTHER CLEANUP OF CURRENT CONTAMINATION (SPECIFY)

**WASTES FROM REMEDIATION OF PAST CONTAMINATION**

- 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 (SPECIFY)

**EPA SOURCE CODE****REPORT ON FORM WSR (CN-0773) AT ITEM 1b1****WASTE NOT PHYSICALLY GENERATED ON-SITE**

<b>G51</b>	RECEIVED HW FROM A VSQG
<b>G61</b>	HW RECEIVED FROM OFF SITE FOR STORAGE / BULKING AND TRANSFER OFF SITE FOR TREATMENT OR DISPOSAL
<b>G62</b>	HAZ WASTE FROM FOREIGN COUNTRY GENERATOR OF RECORD
<b>G76</b>	EVALUATED HAZARDOUS WASTE PHARMACEUTICALS ACCUMULATED BY A REVERSE DISTRIBUTOR
<b>G77</b>	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****REPORT ON FORM WSR (CN-0773) AT ITEM 1c****MIXED MEDIA / DEBRIS / DEVICES - WASTE THAT IS A MIXTURE OF ORGANIC AND INORGANIC WASTES, LIQUID AND SOLID WASTES, OR DEVICES THAT ARE NOT EASILY CATEGORIZED**

<b>W001</b>	LAB PACKS FROM ANY SOURCE NOT CONTAINING ACUTE HAZARDOUS WASTE
<b>W002</b>	CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, EMPTY FIBER OR PLASTIC CONTAINERS, GLASS, PIPING, OTHER SOLIDS
<b>W004</b>	LAB PACKS FROM ANY SOURCE CONTAINING ACUTE HAZARDOUS WASTE
<b>W005</b>	WASTE PHARMACEUTICALS MANAGED AS HAZARDOUS WASTE
<b>W006</b>	AIRBAG WASTE (AIRBAG MODULES OR AIRBAG INFLATORS MANAGED AS HAZARDOUS WASTE)
<b>W301</b>	CONTAMINATED SOIL
<b>W309</b>	BATTERIES, BATTERY PARTS, CORES, CASINGS
<b>W310</b>	FILTERS, SOLID ADSORBENTS, ION EXCHANGE RESINS, AND SPENT CARBON
<b>W320</b>	ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.)
<b>W512</b>	SEDIMENT, LAGOON DRAGOUT, DRILLING OR OTHER MUDS
<b>W801</b>	COMPRESSED GAS

**INORGANIC LIQUIDS - WASTE THAT IS PRIMARILY INORGANIC AND HIGHLY FLUID (E.G., AQUEOUS), WITH LOW SUSPENDED INORGANIC SOLIDS AND LOW ORGANIC CONTENT**

<b>W101</b>	VERY DILUTE AQUEOUS WASTE CONTAINING MORE THAN 99% WATER
<b>W103</b>	SPENT CONCENTRATED ACID
<b>W105</b>	ACIDIC AQUEOUS WASTES LESS THAN 5% ACID
<b>W107</b>	AQUEOUS WASTES CONTAINING CYANIDES
<b>W110</b>	CAUSTIC AQUEOUS WASTE WITHOUT CYANIDES
<b>W113</b>	OTHER AQUEOUS WASTE OR WASTEWATERS
<b>W117</b>	WASTE LIQUID MERCURY
<b>W119</b>	OTHER INORGANIC LIQUID (SPECIFY)

**ORGANIC LIQUIDS - WASTE THAT IS PRIMARILY ORGANIC AND IS HIGHLY FLUID, WITH LOW INORGANIC SOLIDS CONTENTS AND LOW-TO-MODERATE WATER CONTENT**

<b>W200</b>	STILL BOTTOMS IN LIQUID FORM
<b>W202</b>	CONCENTRATED HALOGENATED (E.G. CHLORINATED) SOLVENT
<b>W203</b>	CONCENTRATED NON-HALOGENATED (E.G. NON-CHLORINATED) SOLVENT
<b>W204</b>	CONCENTRATED HALOGENATED / NON-HALOGENATED SOLVENT MIXTURE
<b>W205</b>	OIL-WATER EMULSION OR MIXTURE
<b>W206</b>	WASTE OIL MANAGED AS HAZARDOUS WASTE
<b>W209</b>	PAINT, INK, LACQUER, OR VARNISH
<b>W210</b>	REACTIVE OR POLYMERIZABLE ORGANIC LIQUIDS AND ADHESIVES
<b>W211</b>	PAINT THINNER OR PETROLEUM DISTILLATES
<b>W219</b>	OTHER ORGANIC LIQUID (SPECIFY)

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

<b>W303</b>	ASH
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**EPA FORM CODE****REPORT ON FORM WSR (CN-0773) AT ITEM 1o**

- 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 (SPECIFY)

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

- W401** PESTICIDE SOLIDS
- 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 (SPECIFY)

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

- W501** LIME AND OR METAL HYDROXIDE SLUDGES AND SOLIDS NO CYANIDES
- 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
- W519** OTHER INORGANIC SLUDGES (SPECIFY)

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

- W603** OILY SLUDGE
- W604** PAINT OR INK SLUDGES, STILL BOTTOMS IN SLUDGE FORM
- W606** RESINS, TARs, POLYMER OR TARRY SLUDGE
- W609** OTHER ORGANIC SLUDGE (SPECIFY)

**HANDLING CODES FOR TREATMENT, STORAGE, AND DISPOSAL METHODS****REPORT ON FORM WSR (CN-0773) AT ITEM 4a, 5a, 5b, 5c, 5d SEE 40 CFR 264****TSDR DISPOSAL METHODS**

- 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**

- 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**

- H03** RELEASED ONSITE DIRECTLY TO POTW
- H05** ON SITE TREATMENT IN ENCLOSED SYSTEM
- H06** ON SITE WASTEWATER TREATMENT UNIT

**HANDLING CODES FOR TREATMENT, STORAGE, AND DISPOSAL METHODS****REPORT ON FORM WSR (CN-0773) AT ITEM 4a, 5a, 5b, 5c, 5d SEE 40 CFR 264****H07** ON SITE ELEMENTARY NEUTRALIZATION**H09** ON SITE RESOURCE RECOVERY**H10** OTHER ON SITE HANDLING (SPECIFY)**TSDR THERMAL TREATMENT****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****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****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)

**HANDLING CODES FOR TREATMENT, STORAGE, AND DISPOSAL METHODS****REPORT ON FORM WSR (CN-0773) AT ITEM 4a, 5a, 5b, 5c, 5d SEE 40 CFR 264****TSDR PHYSICAL TREATMENT REMOVAL OF SPECIFIC COMPONENTS**

<b>T48</b>	ABSORPTION-MOLECULAR SIEVE
<b>T49</b>	ACTIVATED CARBON
<b>T50</b>	BLENDING
<b>T51</b>	CATALYSIS
<b>T52</b>	CRYSTALLIZATION
<b>T53</b>	DIALYSIS
<b>T54</b>	DISTILLATION
<b>T55</b>	ELECTRODIALYSIS
<b>T56</b>	ELECTROLYSIS
<b>T57</b>	EVAPORATION
<b>T59</b>	LEACHING
<b>T58</b>	HIGH GRADIENT MAGNETIC SEPARATION
<b>T60</b>	LIQUID ION EXCHANGE
<b>T61</b>	LIQUID-LIQUID EXTRACTION
<b>T62</b>	REVERSE OSMOSIS
<b>T63</b>	SOLVENT RECOVERY
<b>T64</b>	STRIPPING
<b>T65</b>	SAND FILTER
<b>T66</b>	OTHER (SPECIFY)

**MISCELLANEOUS (SUBPART X)**

<b>X01</b>	OPEN BURNING / OPEN DETONATION
<b>X02</b>	MECHANICAL PROCESSING
<b>X03</b>	THERMAL UNIT
<b>X04</b>	GEOLOGIC REPOSITORY
<b>X99</b>	OTHER SUBPART X (SPECIFY)

**TSDR BIOLOGICAL TREATMENT**

<b>T67</b>	ACTIVATED SLUDGE
<b>T68</b>	AEROBIC LAGOON
<b>T69</b>	AEROBIC TANK
<b>T70</b>	ANAEROBIC TANK
<b>T71</b>	COMPOSTING
<b>T72</b>	SEPTIC TANK
<b>T73</b>	SPRAY IRRIGATION
<b>T74</b>	THICKENING FILTER
<b>T75</b>	TRICKLING FILTER
<b>T76</b>	WASTE STABILIZATION POND
<b>T77</b>	OTHER (SPECIFY)

**TSDR BOILERS AND INDUSTRIAL FURNACES**

<b>T80</b>	BOILER
<b>T81</b>	CEMENT KILN
<b>T82</b>	LIME KILN
<b>T83</b>	AGGREGATE KILN
<b>T84</b>	PHOSPHATE KILN
<b>T85</b>	COKE OVEN
<b>T86</b>	BLAST FURNACE



**HANDLING CODES FOR TREATMENT, STORAGE, AND DISPOSAL METHODS****REPORT ON FORM WSR (CN-0773) AT ITEM 4a, 5a, 5b, 5c, 5d SEE 40 CFR 264**

<b>T87</b>	SMELTING, MELTING, OR REFINING FURNACE
<b>T88</b>	TITANIUM DIOXIDE CHLORIDE PROCESS OXIDATION REACTOR
<b>T89</b>	METHANE REFORMING FURNACE
<b>T90</b>	PULPING LIQUOR RECOVERY FURNACE
<b>T91</b>	COMBUSTION DEVICE USED IN THE RECOVERY OF SULFUR VALUES FROM SPENT SULFURIC ACID
<b>T92</b>	HALOGEN ACID FURNACES
<b>T93</b>	OTHER INDUSTRIAL FURNACES LISTED IN 40 CFR 260.10 (SPECIFY)

**OTHER TREATMENT**

<b>T94</b>	CONTAINMENT BUILDING (TREATMENT)
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**EPA MANAGEMENT METHOD CODE****REPORT ON FORM WSR (CN-0773) AT ITEM 4c****RECLAMATION AND RECOVERY**

<b>H010</b>	METALS RECOVERY
<b>H011</b>	MERCURY RECOVERY (INCLUDES MERCURY RETORTING, BULB/LAMP CRUSHING AND MERCURY VAPOR RECOVERY, THERMOSTAT RECOVERY, MERCURY FROM MEDICAL EQUIPMENT RECOVERY, MERCURY CAR SWITCH RECOVERY, ETC)
<b>H015</b>	DEPLOYMENT/DEACTIVATION OF AIRBAG WASTE FOLLOWED BY METALS RECOVERY
<b>H020</b>	SOLVENTS RECOVERY
<b>H039</b>	OTHER RECOVERY OR RECLAMATION FOR REUSE (SPECIFY)
<b>H050</b>	ENERGY RECOVERY
<b>H061</b>	FUEL BLENDING

**DESTRUCTION OR TREATMENT PRIOR TO DISPOSAL AT ANOTHER SITE**

<b>H040</b>	INCINERATION
<b>H041</b>	OPEN BURNING/OPEN DETONATION (SHOULD BE PERMITTED UNDER SUBPART X WITH PROCESS CODE X01)
<b>H070</b>	CHEMICAL TREATMENT
<b>H081</b>	BIOLOGICAL TREATMENT
<b>H090</b>	POLYMERIZATION (LDR STANDARD AS TREATMENT METHOD)
<b>H100</b>	PHYSICAL TREATMENT ONLY
<b>H110</b>	STABILIZATION
<b>H120</b>	COMBINATION OF CHEMICAL, BIOLOGICAL, AND OR PHYSICAL TREATMENT
<b>H121</b>	NEUTRALIZATION ONLY
<b>H122</b>	EVAPORATION
<b>H129</b>	OTHER TREATMENT (SPECIFY)

**DESTRUCTION OR TREATMENT PRIOR TO DISPOSAL AT ANOTHER SITE**

<b>H130</b>	SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS A LANDFILL
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**DISPOSAL**

<b>H131</b>	LAND TREATMENT OR APPLICATION
<b>H132</b>	LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)
<b>H134</b>	DEEPWELL OR UNDERGROUND INJECTION
<b>H135</b>	DISCHARGE TO SEWER, POTW OR NPDES WITH PRIOR MANAGEMENT

**TRANSFER OFF-SITE**

<b>H141</b>	STORAGE, BULKING AND-OR TRANSFER OFF SITE (WITH NO RECLAMATION, RECOVERY, DESTRUCTION, TREATMENT OR DISPOSAL)
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-END OF REPORT-

## **Section 5**

# **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. These need to be reported on a separate form for each individual waste that is generated by a different process or is a different type of waste. 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.

<b>Do Report and Count</b>	
All quantities of Listed and Characteristic hazardous wastes that are:	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.)
	Packaged and transported away from your facility.
	Placed directly in a regulated treatment or disposal unit at your facility
	Generated as still bottoms or sludges and removed from product storage tanks.
<b>Report but Do Not Count</b>	
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.	
Hazardous waste that is reclaimed continuously onsite without being stored prior to reclamation such as dry-cleaning solvents.	
Episodic events- the facility must submit a notification to their auditor per the rules. Base and off-site shipping fees will be assessed.	
<b>Do Not Report</b>	
Used Oil (unless mixed with hazardous waste)	
Waste you have already counted once during the calendar month and treated onsite or reclaimed in some manner and used again.	
Lead-acid batteries that are reclaimed.	
Scrap metal that is recycled.	
Universal Waste	
Waste residues in product storage tanks, if the residue is not removed from the product tank.	
Container residues of containers that have been thoroughly emptied through conventional means such as pouring or pumping. (RCRA empty containers)	

**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

<u>Episodic Event:</u>	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
<u>Unplanned Episodic Event:</u>	An episodic event that the generator did not plan or reasonably did not expect to occur (i.e. process upsets, product recalls, "acts of nature")
<u>Planned Episodic Event:</u>	An episodic event that the generator planned and prepared for (i.e. tank cleanouts, regular maintenance, removal of excess chemical inventory)

Only Very Small Quantity Generators (VSQG's) or Small Quantity Generators (SQG's) 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

<b>Planned Episodic Event</b>	<b>Unplanned Episodic Event</b>
Annual Report + Fees Are Required (Received by March 1 <sup>st</sup> of the following year)	Annual Report + Fees Are Required (Received by March 1 <sup>st</sup> of the following year)
Waste must be off-site within <b>60 days</b>	Waste must be off-site within <b>60 days</b>
Initial notification must be made <b>30 days in advance</b>	Initial Notification must be made <b>within 72 hours</b>

### Initial Notification Requirements

<b>Forms Required</b>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="border: none;">HN-CS</td></tr> <tr><td style="border: none;">HN-EA</td></tr> <tr><td style="border: none;">All Applicable WSR's</td></tr> </table>	HN-CS	HN-EA	All Applicable WSR's
HN-CS				
HN-EA				
All Applicable WSR's				
<b>Pertinent Information</b>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="border: none;">Types and quantities of waste generated during event</td></tr> <tr><td style="border: none;">Date Event Began and Ended</td></tr> <tr><td style="border: none;">Emergency Contact</td></tr> </table>	Types and quantities of waste generated during event	Date Event Began and Ended	Emergency Contact
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 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 Requires Applicable to Hazardous Waste Generators, including information pertaining to episodic generation, please reference 0400-12-01-.03.*

## **Section 6**

# **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.

### SITES REQUIRED TO FILE THE REPORT

#### Large Quantity Generators

- Generated in any one month more than 1,000 kg/ 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 6000kg/13,200lbs of non-acute hazardous waste at any time

#### Small Quantity Generators

- Generated in any one month more than 100 kg/220 lbs. but less than 1,000 kg/2,200 lbs. of non-acute hazardous waste
- Accumulates less than 6000kg/13,200lbs 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 100kg/220lbs 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 1000kg/2200lbs 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**

### SITES NOT REQUIRED TO FILE THE REPORT

#### Very Small Quantity Generators

- Generated less than 100 kgs/220 lbs. in any calendar month
- AND accumulates <2,200 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, 2023

## How to Submit:

Reports may be submitted by mail, email, or fax (615-532-0938).

**By Email:** Completed packets (report, fee, and RF-FDS form) should be emailed to your auditor. ***Please note:***

1. **The HN-CS form must be either** mailed with an original wet signature or signed using a verified e-signature (using a program such as Adobe Sign or DocuSign).
2. If you choose to submit your report electronically, it should be emailed by March 1, 11:59 pm CST. If you choose to mail your report, it should be postmarked by March 1.

**By Mail:** Completed packets (report, fee, and RF-FDS form) should be mailed to your auditor at:

*Auditor's Name*  
Division of Solid Waste Management  
312 Rosa L. Parks Avenue, 14<sup>th</sup> Floor  
Nashville, TN 37243

## Payments:

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

**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](mailto: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](#).

Or 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 with your Annual Report Packet to your auditor.

*\*Please paper clip the check, the NF Form, and the GFDS Form together and place at the front of the annual report packet.*





DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
DIVISION OF FISCAL SERVICES- CONSOLIDATED FEE SECTION  
William R. Snodgrass TN Tower  
312 Rosa L. Parks Avenue, 10<sup>th</sup> Floor  
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](mailto:tdec.fees@tn.gov)

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

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

# **Section 7**

## **RCRA 101 Generator Workshop**



Department of  
**Environment &  
Conservation**

# RCRA 101 Generator Workshop


John Webb

2023

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## Goals of RCRA 101

- Introduction to TN Hazardous Waste Regulations
- Basic Overview of Regulatory Requirements for Generators
  - Focus on Generators Requirements and Storage
  - Includes Changes from Generator Improvements Rule and Pharmaceuticals Amendment
- Provide Resources/Tools to Navigate the Regulations
- Discuss What to Expect when Inspected
- This Workshop is **not** a substitute for the Hazardous Waste Training required by the TN Hazardous Waste Regulations



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## RCRA 101 Topics Covered

- Overview of RCRA
- Waste Determination
- Generator Category Determination and Reporting
- Storage (containers and tanks)
  - Satellite Accumulation Areas
  - Central Accumulation Areas (90/180 day storage)
- RCRA Organic Air Emission Requirements (Subparts AA/BB/CC)
- Pharmaceuticals Waste Management
- Episodic Generation
- Recordkeeping


## RCRA 101 Topics Covered

- Emergency Preparedness and Planning
- Personnel Training for LQGs
- Closure
- Waste Consolidation
- Mixing
- Land Disposal Restrictions (LDR)
- Universal Waste
- Used Oil
- Miscellaneous (waste audits, storage extension, self-disclosure policy)

## Generator Status Determines Regulatory Requirements

**\*HW Determination\***


- Notification and EPA ID Number
- Annual Reporting and Fees if applicable
- Storage Time Limits
- Container/Tank/Drip Pad/Containment Bld. Management
- Satellite Accumulation
- Training
- Emergency Planning (Contingency Plan/Posted Inform./etc.)
- HW Reduction Plan
- Manifesting/LDRs
- And MORE.....



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## Generator Status Determines Requirements

Basic Requirements (Not all are Listed)	LQG	SQG	VSQG
HW Determination	Yes	Yes	YES
Notification	Within 90 days	Within 90 days	No
Storage Time Limit	90 days	180/270 days ( >200 miles)	No (Quantity Trigger)
HW Inspections	Yes	Yes	No
Personnel Training	Yes	Yes	No
Contingency Plan	Yes	No – Other Posted	No
Use of Manifest	Yes	Yes	No (Ensure Delivery)
LDR Requirements	Yes	Yes	No
Annual HW Report	Yes	Yes	No
HW Reduction Plan	Yes	Yes	No
Air Emissions	Yes	No	No



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## Nicotine Listing Amendment

The P075 listing for nicotine is being amended such that FDA-approved over-the-counter **nicotine replacement therapies** are no longer included under the P075 listing for hazardous waste

- Nicotine patches, gums and lozenges can be discarded as non-hazardous waste



≠ P075

## Pharmaceutical Rule Topics

- Nicotine Amendment
- Benefits of Pharmaceuticals Rule
- Key Definitions
  - Healthcare Facility
  - Reverse Distributor
  - Reverse Logistics
- Pharmaceuticals Management
  - Rule 0400-12-01-.09(16)



## Quick Recap

- As a generator of Hazardous Waste (verified by making a waste determination) you are required to determine your GENERATOR STATUS
- There are generator categories based on the amount of HW you generate in a month (or on the amount you have in storage)
- Healthcare facilities MAY be generators of HW other than pharmaceutical HW.
- Healthcare facilities must manage their pharmaceutical HW through the amended rule.

Thank you!

*Thank you!*

John Webb  
Hazardous Waste Inspector Training  
423-492-3007  
2305 Silverdale Dr.  
Johnson City, TN 37601

# **Section 8**

## **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: 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](mailto: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: Can I submit my report electronically?**

**A:** You may e-mail your report to your facility's auditor if the HN-CS form with an original wet signature is physically mailed, or the HN-CS form has been signed using a verified e-signature (using a program such as Adobe Sign or DocuSign). If you submit your report electronically, it should be emailed by March 1, 11:59 pm CST. If submitted by mail, it should be postmarked by March 1.

**Q: If my facility is a Very Small Quantity Generator (VESQG), do I need to send in a report?**

**A:** As long as your facility has maintained its VESQG status for all of 2022 AND your facility is listed as CESQG 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:** Looking at the HN-EA form that was included in your HW Annual Report package, the generator status that is automatically selected is what your facility was listed as on the date the package was generated.

**Q: Where do I send my report and fees? Do I have to send them to separate places?**

**A:** Please send everything (report, fee, and RF-FDS form) to your auditor on the 14<sup>th</sup> floor. We will ensure your fee and RF-FDS form get to the appropriate places

*Auditor's Name*  
Division of Solid Waste Management  
312 Rosa L. Parks Avenue, 14th Floor  
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](mailto:jaime.Thompson@tn.gov)

## **Section 9**

# **Additional Resources**

## Frequently Used Acronyms

<b>BTU</b>	British Thermal Unit
<b>CERCLA</b>	Comprehensive Environmental Response, Compensation and Liability Act (commonly known as Superfund)
<b>CFR</b>	Code of Federal Regulations
<b>EGEN</b>	Episodic Generation Event
<b>EPA</b>	Environmental Protection Agency
<b>FR</b>	Federal Register
<b>LDR</b>	Land Disposal Restrictions
<b>LQG</b>	Large Quantity Generator; a generator that generates greater than 1,000kg in any calendar month
<b>NOD</b>	Notice of Deficiency
<b>NOV</b>	Notice of Violation
<b>NPDES</b>	National Pollution Discharge Elimination System
<b>PCB</b>	Polychlorinated Biphenyl
<b>POTW</b>	Public Owned Treatment Works
<b>RCRA</b>	Resource Conservation and Recovery Act
<b>SARA</b>	Superfund Amendment and Reauthorization Act of 1986
<b>SDS</b>	Safety Data Sheet
<b>SOP</b>	Standard Operation Procedure
<b>SQG</b>	Small Quantity Generator; a generator that generates greater than 100 kg but less than 1,000 kg any calendar month
<b>STP</b>	Standard Temperature and Pressure
<b>TCA</b>	Tennessee Code Annotated
<b>TCLP</b>	Toxicity Characteristic Leaching Procedure
<b>TSCA</b>	Toxic Substances Control Act
<b>TSD</b>	Treatment, Storage, Disposal
<b>TSDR</b>	Treatment, Storage, Disposal, Recycler
<b>TSDF</b>	Treatment, Storage, Disposal Facility
<b>UST</b>	Underground Storage Tank
<b>VSQG</b>	Very Small Quantity Generator; a generator that generates 100 kg 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. It does not refer to a material, such as a manufacturing process waste, that contains any of the substances listed in part 5 or 6 of this subparagraph. Where a manufacturing process waste is deemed to be a hazardous waste because it contains a substance listed in part 5 or 6 of this subparagraph, such waste will be listed in either subparagraphs (b) or (c) of this paragraph or will be identified as a hazardous waste by the characteristics set forth in paragraph (3) of this rule.)

**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. In addition, for purposes of subparts (d)1(xxiii) and (xxiv) of this paragraph, smelting, melting and refining furnaces are considered to be solely engaged in metals reclamation if the metal recovery from the hazardous secondary materials meets the same requirements as those specified for metals recovery from hazardous waste found in subparts (8)(a)4(i) through (iii) of Rule 0400-12-01-.09, and if the residuals meet the requirements specified in subparagraph (8)(m) of Rule 0400-12-01-.09.

**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).....	<a href="#">Form HN-CS</a>
Hazardous Waste Environmental Activity Notification (CN-1446).....	<a href="#">Form HN-EA</a>
Hazardous Waste Registration & Notification (CN-1447).....	<a href="#">Form HN-H</a>
Hazardous Waste Contact Notification (CN-1445).....	<a href="#">Form HN-H(Contacts)</a>
Hazardous Waste Notification Fees (CN-1443).....	<a href="#">Form NF</a>
Hazardous Waste Stream Report (CN-0773).....	<a href="#">Form WSR</a>
Hazardous Waste Offsite Shipping (CN-0779).....	<a href="#">Form OSR</a>
Annual Hazardous Waste Generation Fee Determination (CN-0906).....	<a href="#">Form GFDS</a>
Hazardous Waste Closure Notification (CN-1444).....	<a href="#">Form HN-C</a>