



Division of Solid Waste Management Hazardous Waste Activity Audit Section Guide to Filing the 2023 Annual Hazardous Waste Report

January 2024 Edition

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Section 1

General Information

Solid Waste Management's Hazardous Waste Program

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

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

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

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

Waste Activity Auditors

Nina Vo

Phone: 615-532-9268

Fax: 615-532-0938

Email: Nina.Vo@tn.gov

Environmental Field Office: Knoxville & Johnson City; Used Oil Transporters (All); Hazardous Waste Transporters and Transfer Facilities

Stephanie Day

Phone: 615-532-0316

Fax: 615-532-0938

Email: Stephanie.N.Day@tn.gov

Environmental Field Office: Jackson & Memphis; Hazardous Waste Transporters and Transfer Facilities

Rhonda Inmon

Phone: 615-253-9440

Fax: 615-253-0938

Email: Rhonda.Inmon@tn.gov

Environmental Field Office: Nashville; Hazardous Waste Transporters and Transfer Facilities

Kayse Smith

Phone: 615-532-0963

Fax: 615-532-0938

Email: Kayse.Smith@tn.gov

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

Division of Solid Waste Management Contacts

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

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

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

HN-CS

PERMIT YEAR	20 _____
ANNUAL REPORT YEAR	20 _____

UNIFIED CERTIFICATION AND COVER SHEET

ATTACH THIS COVER SHEET TO ALL REQUESTS, PACKETS, DOCUMENTS OR FORMS - A **CERTIFICATION SIGNATURE** IS REQUIRED IN **SECTION 7**
NEW APPLICANTS - SUBMIT THESE FORMS ➡ TRANSPORTERS: **HN-H, HN-EA, TRFDS** ➡ OTHERS: **HN-H, NF, HN-EA, WSR**

1. NOT CURRENTLY REGISTERED

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

NOTES

2. ALREADY REGISTERED

ENTER EPA ID NUMBER	ENTER USED OIL REGISTRATION NUMBER	2a. CHECK IF YOU WANT TO:
_____	_____	____ RENEW A HAZARDOUS WASTE TRANSPORTER PERMIT

2b. SITE INFORMATION (REQUIRED FOR ALL)

SITE, BUSINESS, OR INSTALLATION NAME	TN COUNTY
--------------------------------------	-----------

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

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

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

4. OWNER INFORMATION

____ NEW	____ CHANGE OWNER	____ UPDATE OWNER INFORMATION	COMMENTS:
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5. BUSINESS NAME

____ NEW	____ CHANGE	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>IF YOU HAVE QUESTIONS REGARDING YOUR PAYMENT OR EIN, CONTACT TDEC'S CONSOLIDATED FEE SECTION AT 615-532-0065</p>	<p>___ HW GENERATOR FEES ___ UNIVERSAL WASTE FEES</p> <p>___ HW TRANSFER FACILITY FEES ___ TSD FEEES</p> <p>___ USED OIL FEES ___ TSD F APPLICATION FEES</p> <p>OTHER (SPECIFY)</p>
--	--

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>SPECIAL NOTICE: FACILITY ANNUAL REPORT DUE AT CLOSURE</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 TSD F	✓	✓		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/>

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

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

TRANSPORTER _____ / _____ / _____	← DATE TRANSPORTER ACTIVITY BEGAN
--	--

OUT OF STATE HAZARDOUS WASTE TRANSPORTERS MUST POSSESS VALID EPA ID. TN DOES NOT ISSUE EPA IDs FOR NON-TN SITES.
OTHER REQUIREMENTS: EPA ID, ANNUAL FEES; ANNUAL PERMIT **SUBMIT FORMS:** HN, TRFDS

TRANSFER FACILITY _____ / _____ / _____	← DATE TRANSFER FACILITY ACTIVITY BEGAN
--	--

TRANSPORTERS IDENTIFYING OWNERSHIP FOR SEPARATE TRANSFER FACILITY SITES ARE REQUIRED TO OBTAIN SEPARATE EPA IDs FOR EACH LOCATION. TSD FACILITIES ARE REQUIRED TO OBTAIN SEPARATE EPA ID FOR HW TRANSFER FACILITY.
OTHER REQUIREMENTS: EPA ID, ANNUAL FEES **SUBMIT FORMS:** HN, NF

USED OIL _____ / _____ / _____	← DATE USED OIL ACTIVITY BEGAN
---------------------------------------	---------------------------------------

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

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

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

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

UNIVERSAL WASTE _____ / _____ / _____	← DATE UNIVERSAL WASTE ACTIVITY BEGAN
--	--

- | | | | | | | | |
|--|---|---------------|------------|---------------|------------------------------|--------------|--|
| <p>1. DESTINATION FACILITY
 LAMP CRUSHER, COMMERCIAL
 RECYCLER (ONSITE)
 REQUIREMENTS: EPA ID, ANNUAL FEES;
 SUBMIT FORMS: HN, NF</p> <p>2. TRANSPORTER
 REQUIREMENTS: NO OTHER REQUIREMENTS</p> | <p>3. LARGE QUANTITY HANDLER
 REQUIREMENTS: EPA ID; ALSO SUBMIT FORMS: HN, NF</p> <p>4. SMALL QUANTITY HANDLER
 REQUIREMENTS: NO OTHER REQUIREMENTS</p> <p>IF YOU CHECKED... 3 or 4 ABOVE... CHECK BELOW ALL THAT APPLY</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
------------	--------	-------	------	-----	--------



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

HAZARDOUS WASTE REGISTRATION AND NOTIFICATION

REPORT YEAR
PERMIT YEAR
OFFICE USE ONLY

1. REGISTRATION INFORMATION

INCOMPLETE APPLICATIONS WILL BE RETURNED

EPA ID NUMBER (IF NEW, LEAVE BLANK)	USED OIL REGISTRATION NUMBER
<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
---------------	--------------------------------------	------------------------------

6. HAZARDOUS WASTE TRANSPORTERS ONLY	NOTE: A COMPLETE APPLICATION INCLUDES THIS FORM, THE HAZARDOUS WASTE TRANSPORTER FEE DETERMINATION SHEET (FORM TRFDS CN-0783), AND YOUR REMITTANCE. PERMITS ARE ISSUED ONLY AFTER VERIFICATION OF RECEIPT OF THESE ITEMS. DATA SUPPLIED ON THIS FORM BY TRANSPORTERS LOCATED OUTSIDE THE STATE OF TENNESSEE WILL BE VERIFIED BY REVIEWING THE DATA SUPPLIED TO THE HOME STATE'S REGULATORY AGENCY. PERMITS ISSUED BY THE STATE OF TENNESSEE WILL BE DELAYED UNTIL THE DATA IN YOUR HOME STATE IS MADE CURRENT WITH THAT AGENCY.
	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

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

1	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		

2	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		

3	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 http://www.tn.gov/sos/rules/0400/0400-12/0400-12-01/0400-12-01.htm</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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6. LICENSE or PERMIT AGENT	(FOR HAZARDOUS WASTE TRANSPORTERS, IF APPLICABLE)
-----------------------------------	---

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

7. CONTRACTOR 1

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

8. CONTRACTOR 2

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

9. PART A OR PART B PERMIT CONTACT 1

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

10. PART A OR PART B PERMIT CONTACT 2
--

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

11. CERTIFICATION

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

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



STATE OF TENNESSEE
 DEPARTMENT OF ENVIRONMENT AND CONSERVATION
 DIVISION OF SOLID WASTE MANAGEMENT
 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"/> NEW WASTE STREAM <input type="checkbox"/> ANNUAL REPORT <input type="checkbox"/> INFORMATION UPDATE	<input type="checkbox"/> HAZARDOUS SECONDARY MATERIAL <input type="checkbox"/> CONSOLIDATED FROM VSQG <input type="checkbox"/> SUBPART K	<input type="checkbox"/> EPISODIC GENERATION - PLANNED MUST NOTIFY 30 DAYS PRIOR TO EVENT <input type="checkbox"/> EPISODIC GENERATION - UNPLANNED MUST NOTIFY WITHIN 72 HRS OF EVENT COMPLETE SECTION 7 "FACILITY COMMENTS" DATE TDEC NOTIFIED _____ DATE EVENT ENDED _____
--	--	---

1. HAZARDOUS WASTE STREAM DESCRIPTION AND PROCESS

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

1b1 SOURCE CODE G _____	1c REPORTING UNITS _____ kgs _____ lbs DENSITY _____	1d GENERATION FREQUENCY _____ ONE TIME NON-RECURRING _____ REGULARLY _____ INTERMITTENTLY	1e STATUS _____ ACTIVE _____ CLOSED _____ RE-ACTIVATED	1f HAZARD CRITERIA _____ IGNITABLE _____ REACTIVE _____ CORROSIVE _____ LISTED _____ TOXICITY (TCLP)
--------------------------------	--	--	---	---

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

1h WASTE CODES - IN THIS ORDER: P,D,F,U,K	1i RADIOACTIVE MIXED WASTE _____ YES _____ NO	1j MONTHLY MAXIMUM GENERATED _____ kgs _____ lbs
---	---	--

1k pH	1l FLASH POINT	1m BTU per POUND	1n REACTIVE CODES
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1o WASTE FORM CODE(S) - W CODES (UP TO THREE)	1p NAICS CODES - (UP TO TWO)
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1q U.S. DOT SHIPPING NAME	1r U.S. DOT HAZARD CLASS	1s U.S. DOT ID CODE
---------------------------	--------------------------	---------------------

2. WASTE STREAM CONSTITUENTS

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

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

3. ANNUAL GENERATION AND HANDLING			
3a + 3b - 3c = 3d		3d = 4a + 5a + 5b + 5c +	
3a AMOUNT GENERATED	3b AMOUNT ONSITE JAN 1st	3c AMOUNT ONSITE DEC 31st	5d 3d AMOUNT HANDLED

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

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 H ____
5b AMOUNT OF 3d HANDLED ONSITE	5b STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5b EPA MANAGEMENT METHOD H ____
5c AMOUNT OF 3d HANDLED ONSITE	5c STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5c EPA MANAGEMENT METHOD H ____
5d AMOUNT OF 3d HANDLED ONSITE	5d STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5d EPA MANAGEMENT METHOD H ____

6. HAZARDOUS WASTE REDUCTION			
6a THIS YEAR RATIO	6b GOAL YEAR RATIO	6c GOAL YEAR	6d WASTE / TOXICITY REDUCTION EFFORT CODES
6e WASTE REDUCTION IMPEDIMENT CODES		6f CHANGE IN TOXICITY ____ INCREASE ____ DECREASE ____ NO CHANGE	

6g NARRATIVE - EXPLAIN REPORTED DATA (IF APPLICABLE)

6h NARRATIVE - IF NO NUMERIC GOAL EXPLAIN WHY

7. FACILITY COMMENTS	

TDEC USE ONLY			
<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	STATUS <input style="width: 50px;" type="text"/>
COMMENTS		DATE RECEIVED	DATE REVIEWED
			STAFF

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

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

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



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

OSR	
PAGE _____	OF _____
YEAR _____	
REPORTING UNITS (USE SAME THROUGHOUT)	
KG	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								

<p>PAGE TOTAL ▶</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">TOTAL AMOUNT SHIPPED</td> <td>TOTAL SHIPMENTS</td> </tr> <tr> <td style="height: 30px;"></td> <td></td> </tr> </table> <p>GRAND TOTAL ▶ (IF LAST PAGE)</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">TOTAL AMOUNT SHIPPED</td> <td>TOTAL SHIPMENTS</td> </tr> <tr> <td style="height: 30px;"></td> <td></td> </tr> </table>	TOTAL AMOUNT SHIPPED	TOTAL SHIPMENTS			TOTAL AMOUNT SHIPPED	TOTAL SHIPMENTS			<p>CERTIFICATION REQUIRED (Complete Form HN-CS Including Section 7)</p>
TOTAL AMOUNT SHIPPED	TOTAL SHIPMENTS								
TOTAL AMOUNT SHIPPED	TOTAL SHIPMENTS								

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	
<p><i>Note: If this form is filled out online, calculated amounts will automatically be entered by the computer program.</i></p> <ul style="list-style-type: none"> ● 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". <p>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.</p>	
LINE 1	Largest amount of hazardous waste generated in ANY CALENDAR MONTH of the reporting year This amount will come from onsite records. Select appropriate category.
LINE 2	Largest amount of hazardous waste accumulated AT ANYTIME in the reporting year This amount should come from onsite records. Select appropriate category.
LINE 3	Largest amount of "acute" hazardous waste generated in ANY CALENDAR MONTH of the reporting year See Rule 0400-12-01-.02(4)(a)4. Select appropriate category.
LINE 4	Largest amount of "acute" hazardous waste spill cleanup residue generated in ANY CALENDAR MONTH of the reporting year See Rule 0400-12-01-.02(4)(d)4. Select appropriate category.
LINE 5	Hazardous waste GENERATOR BASE FEE Enter the largest applicable fee amount based on selections from Lines 1- 4. The amount entered on Line 5 must be \$0, \$1,200 or \$2,000. If line 5 is \$0, then omit Part 2 -Offsite Shipping Fees . Proceed to Part 3 CERTIFICATION REQUIRED .
Part 2 - OFFSITE SHIPPING FEES	
LINE 6	Enter the total amount of hazardous waste shipped during the report year. Total of ALL offsite shipped hazardous waste from ALL PAGES (GRAND TOTAL) entered in column 4 on the Offsite Shipping Report (Form CN-0779).
LINE 7	Amount of Line 6 resulting from a TDEC or EPA remediation or corrective action activity. Enter the amount of Line 6 resulting from a TDEC or EPA remediation or corrective action activity required by a permit, order or other enforceable document. (See Rules 0400-12-01-.08(5)(d)2).
LINE 8	Amount of Line 6 that was recycled/recovered through ion exchange (T30), distillation (T54), solvent recovery (T63), lead smelting, precious metals recovery and/or high temperature metal recovery. Enter the amount of hazardous waste from Line 6 that was treated by any of the above listed treatment methods. (See Rule 0400-12-01-.08(5)(d)1 for further clarification).
LINE 8A	Add Lines 7 and 8 This is the total amount of Excluded Wastes from Offsite Shipping fees for the Report Year.
LINE 9	Subtract Line 8A From Line 6 - SUBTOTAL SUBJECT TO FEES This is the total amount remaining of Waste Shipped Offsite that is subject to FEES.

Part 2 - OFFSITE SHIPPING FEES (continued)

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

Part 3 - Certification (Required)

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



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 NASHVILLE, TN 37243

G-FDS GENERATOR
REPORT YEAR

ANNUAL HAZARDOUS WASTE GENERATION FEE DETERMINATION

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

REQUIRED ▶▶	CHECK UNIT OF MEASURE YOU ARE REPORTING (Pounds = Kilograms multiplied by 2.2046)	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	\$0	LINE 1
<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	

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	\$0	LINE 2
<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	

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

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

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

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

CALCULATE YOUR HAZARDOUS WASTE GENERATION BASE FEE

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

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

EPA ID NUMBER	SITE / BUSINESS NAME		
PART 2 OFFSITE SHIPPING FEES (IF LINE 5 IS \$0, SKIP TO PART 3)			
▶ ENTER THE TOTAL AMOUNT OF HAZARDOUS WASTE SHIPPED DURING THE REPORT YEAR	<input type="text"/>		LINE 6
AMOUNT OF LINE 6 RESULTING FROM A TDEC OR EPA REMEDIATION OR CORRECTIVE ACTION ACTIVITY	<input type="text"/>		LINE 7
AMOUNT OF LINE 6 THAT WAS RECYCLED / RECOVERED THROUGH ION EXCHANGE (T30), DISTILLATION (T54), SOLVENT RECOVERY (T63), LEAD SMELTING, PRECIOUS METALS RECOVERY, AND / OR HIGH TEMPERATURE METAL RECOVERY	<input type="text"/>		LINE 8
ADD LINES 7 AND 8	<input type="text"/>		LINE 8A
SUBTRACT LINE 8A FROM LINE 6 - SUBTOTAL SUBJECT TO FEES	<input type="text"/>		LINE 9
AMOUNT OF LINE 9 WITH A THERMAL HEATING VALUE GREATER THAN 5000 BTU PER POUND THAT WAS LEGITIMATELY RECYCLED BY BURNING IT AS A FUEL IN A BOILER OR INDUSTRIAL FURNACE (T50 AND T80 THROUGH T93) OR BLENDING IT INTO SUCH FUEL	<input type="text"/>		LINE 10
AMOUNT OF LINE 9 THAT WAS WASTEWATERS [<1% TOTAL ORGANIC CARBON (TOC) AND < 1% TOTAL SUSPENDED SOLIDS (TSS)]	<input type="text"/>		LINE 11
ADD LINES 10 AND 11	<input type="text"/>		LINE 11A
LINE 9 MINUS SUM OF LINE 11A	<input type="text"/>		LINE 12
MULTIPLY LINE 10 BY \$0.0012 (IF IN POUNDS) OR \$0.00264552 (IF IN KILOGRAMS)	\$ <input type="text"/>		LINE 13
MULTIPLY LINE 11 BY \$0.0047 (IF IN POUNDS) OR \$0.01036162 (IF IN KILOGRAMS)	\$ <input type="text"/>		LINE 14
MULTIPLY LINE 12 BY \$0.0088 (IF IN POUNDS) OR \$0.01940048 (IF IN KILOGRAMS)	\$ <input type="text"/>		LINE 15
ADD LINES 13, 14 AND 15	\$ <input type="text"/>		LINE 16
CALCULATE YOUR HAZARDOUS WASTE OFFSITE SHIPPING FEE			
558 ENTER THE AMOUNT FROM LINE 16 OR \$29,200 (WHICHEVER IS SMALLER)	\$ <input type="text"/>		LINE 17
CALCULATE YOUR TOTAL HAZARDOUS WASTE GENERATION FEE			
ADD LINES 5, 17 PAY THIS AMOUNT ▶	\$ <input type="text"/>		LINE 18
MAKE CHECK PAYABLE TO: "TREASURER, STATE OF TENNESSEE" INCLUDE THE FACILITY'S EPA ID NUMBER ON YOUR REMITTANCE. SEND TO:	STATE OF TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION DIVISION OF FISCAL SERVICES - CONSOLIDATED FEE SECTION WILLIAM R. SNODGRASS TENNESSEE TOWER 312 ROSA L. PARKS AVENUE, 10TH FLOOR NASHVILLE, TN 37243		
PART 3 - CERTIFICATION REQUIRED			
(Complete Form HN-CS (Form CN-1442 Including Section 7))			



State of Tennessee
 Department of Environment and Conservation
 Division of Solid Waste Management
 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	
WHO MAY USE THIS FORM →	HW GENERATOR	YES	NO	WHO MAY NOT USE THIS FORM → 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					
IF YOU CHECK 3A or 4A or 8A ON FORM TRFDS, DO NOT CHECK 1A BELOW											
YES	NO	<input checked="" type="checkbox"/> 1A	NEW SITE I DO NOT HAVE AN EPA ID NUMBER FOR THIS SITE AND AM APPLYING FOR ONE NOW	538	\$150.00	\$					
						1A TOTAL					
NO	YES	<input checked="" type="checkbox"/> 2A	OWNER CHANGE I AM CURRENTLY REGISTERED UNDER THE EPA ID NUMBER I ENTERED ABOVE AND WANT TO NOTIFY TDEC OF A CHANGE IN OWNERSHIP	538	\$150.00	\$					
IF YOU CHECK BOTH 2A AND 3A THE MAXIMUM FEE IS \$150.00						\$					
NO	YES	<input checked="" type="checkbox"/> 3A	RELOCATION I AM CURRENTLY REGISTERED UNDER THE EPA ID NUMBER I ENTERED ABOVE BUT HAVE MOVED AND NEED A NEW EPA ID	538	\$150.00	\$					
FOR 3A - ANNUAL MAINTENCE FEES IN PART 5 BELOW ARE ALSO DUE UPON RELOCATION											
YES	YES	<input checked="" type="checkbox"/> 4A	WASTE STREAM ADD FEE 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		\$					
						4A TOTAL					
OFFICE USE ONLY >											
<table border="1"> <tr> <td>WS#</td> <td>WS#</td> <td>WS#</td> <td>WS#</td> <td>WS#</td> </tr> </table>							WS#	WS#	WS#	WS#	WS#
WS#	WS#	WS#	WS#	WS#							
YES	YES	<input checked="" type="checkbox"/>	ANNUAL MAINTENANCE FEES	ALSO REQUIRED:	ANNUAL DUE DATE	CODE	FEE AMOUNT				
				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	\$			
					MARCH 1	573	\$200.00	\$			
					MARCH 1	574	\$1000.00	\$			
					MARCH 1	571	\$2000.00	\$			
					MARCH 1	570	\$2000.00	\$			
						5A TOTAL					
						5B TOTAL					
						5C TOTAL					
						5D TOTAL					
						5E TOTAL					

CERTIFICATION

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

MAKE PAYABLE TO:
 "TREASURER, STATE OF TENNESSEE"

PAY THIS AMOUNT ▶ \$

GRAND TOTAL
 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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 DIVISION OF SOLID WASTE MANAGEMENT
 WILLIAM R. SNODGRASS TENNESSEE TOWER
 312 ROSA L. PARKS AVENUE, 14TH FLOOR
 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"/> ENDING ENVIRONMENTAL ACTIVITY (COMPLETE SECTION 3) →</p> <p><input type="checkbox"/> CLOSING ACCUMULATION UNITS (LQG) (SKIP TO SECTION 5)</p> <p><input type="checkbox"/> REPORTING CLOSURE COMPLETE (LQG)</p> <p><input type="checkbox"/> CLOSING A FACILITY (LQG) (SKIP TO SECTION 4)</p> <p><input type="checkbox"/> REQUESTING AN EXTENSION TO CLOSE (LQG) (SKIP TO SECTION 6)</p> <p><input type="checkbox"/> OTHER (SPECIFY)</p>	<p>(ENTER DATE THE ENVIRONMENTAL ACTIVITY ENDED (OR WILL END) ↓</p> <p><input type="checkbox"/> GENERATOR _____</p> <p><input type="checkbox"/> TRANSPORTER _____</p> <p><input type="checkbox"/> TRANSFER FACILITY _____</p> <p><input type="checkbox"/> USED OIL _____</p> <p><input type="checkbox"/> TSDf _____</p> <p><input type="checkbox"/> UNIVERSAL WASTE _____</p>
--	---

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

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

7. CLOSURE CHECKLIST (CONTINUED)

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

Section 3

2024 RY23 Annual Report Workshop



RY2023 Annual Report Workshop


Division of Solid Waste Management (DSWM)
Waste Activity Audit Section (WAAS)

January 23, 2024

1

Workshop Outline


- Introduction to WAAS and Auditors
- Rules Governing Reporting Process
- Annual Report Packet Composition
- Form by Form Breakdown and Instructions
- Examples
- What's New for RY2023?
- Common Mistakes
- Things to Remember
- Questions



2

What does WAAS do?


- Receive and review hazardous waste notifications
 - Issue EPA ID Numbers
 - Audit data quality of annual report submissions
 - Issue Hazardous Waste and Used Oil Transporter permits
- Provide technical assistance
 - General hazardous waste questions
 - Assisting with notification process
 - Answer certain regulatory compliance questions
- Annual reporting to the State Legislature
- Reporting on behalf of Tennessee generators to EPA
- Data collection and management for regulatory queries
- General point of contact for the hazardous waste program for generators



3

WAAS Points of Contact

<p>Facility Notifications Waste.Activity@tn.gov</p> <p>Stephanie Day 615-532-0316 Stephanie.N.Day@tn.gov Memphis & Jackson EFOs / HW Transporters</p> <p>Rhonda Inmon 615-253-9940 Rhonda.Inmon@tn.gov Nashville EFO / HW Transporters</p>	<p>Kayse Smith 615-532-0963 Kayse.Smith@tn.gov Columbia, Cookeville & Chattanooga EFOs / HW Transporters</p> <p>Nina Vo 615-532-9268 Nina.Vo@tn.gov Knoxville & Johnson City EFOs / Used Oil & HW Transporters</p>
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4

Hazardous Waste Annual Report

- Generators that are required to file annual report:
 - Large Quantity Generators – Rule 0400-12-01-.03(5)(b)1
 - Small Quantity Generators – Rule 0400-12-01-.03(5)(b)1
 - **Episodic Generators** – Rule 0400-12-01-.03(5)(b)6
 - **VSQGs that generate & treat hazardous wastewaters** – Rule 0400-1200-01-.03(2)(a)2.
- Completed report and fee (if applicable) due March 1
- Waste reduction plan is considered confidential business information (CBI) and should not be submitted with the annual report.
- All information on annual report is subject to open records request.
- NOTE: Waste generated during an episodic event counts towards annual waste generation fees



5

Annual Report Packet Contents

- 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)
- Generator Fee Form (Form G-FDS)



6

Annual Report Packet Contents Continued

- Treatment, Storage, and Disposal Facilities (TSDFs) also receive:
 - Summary Report (Form TPA)
 - Receiving Report (Form TWR)
 - TSD Fee Form (Form TSD-FDS)
- All Facilities:
 - 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>



7



Annual Report Process

8

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

HN-CS
PERMIT YEAR
20
ANNUAL REPORT YEAR
20

RESET
PRINT

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, NP, HN-EA, WSR

1. NOT CURRENTLY REGISTERED

I am applying...
 For an EPA ID NUMBER
 For a USED OIL NUMBER
 For a HAZARDOUS WASTE TRANSPORTER PERMIT
 I am registering...
 For OTHER ACTIVITIES (USED OIL, UNIVERSAL WASTE, HAZ SECONDARY MATERIALS, ETC)
 A HAZARDOUS WASTE TRANSPORTER PERMIT

2. ALREADY REGISTERED

ENTER EPA ID NUMBER: _____ ENTER USED OIL REGISTRATION NUMBER: _____
 CHECK IF YOU WANT TO:
 RENEW A HAZARDOUS WASTE TRANSPORTER PERMIT

3a. SITE INFORMATION - (REQUIRED FOR ALL)

SITE, BUSINESS, OR INSTALLATION NAME: _____ TN COUNTY: _____
 CURRENT LOCATION ADDRESS - NO P.O. BOX NUMBERS (DIRECTIONS IF NECESSARY): _____
 LOCATION CITY: _____ STATE: _____ ZIP: _____ PHONE: _____ FAX: _____ EMAIL: _____
 SEND MAIL TO: LAST NAME: _____ FIRST NAME: _____ MI: _____ TITLE / DEPARTMENT: _____
 STREET ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____

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Certification Form – HN-CS

3. LOCATION INFORMATION

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

COMMENTS: _____

4. OWNER INFORMATION

NEW CHANGE OWNER UPDATE OWNER INFORMATION

COMMENTS: _____

5. BUSINESS NAME

NEW CHANGE

COMMENTS: _____

6. TRANSFER EPA ID NUMBER

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

COMMENTS: _____

7. CERTIFICATION - REQUIRED

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

SIGNATURE OF AUTHORIZED REPRESENTATIVE: _____ TITLE: _____ DATE: _____
 PRINTED NAME: _____ EMAIL ADDRESS: _____

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Electronic Signatures

- Can submit electronically via email with proper electronic signatures

mitting false information, including the possibility of fine and impr this declaration is made under penalty of perjury.

Kayse Smith
Digitally signed by Kayse Smith
 DN: cn=Kayse Smith, o=DEC, ou=Division of Solid Waste Management, email=kayse.smith@dec.state.tn.us

SIGNATURE OF AUTHORIZED REPRESENTATIVE

mitting false information, including the possibility of fine and impr this declaration is made under penalty of perjury.

Kayse Smith
Digitally signed by Kayse Smith
 DN: cn=Kayse Smith, o=DEC, ou=Division of Solid Waste Management, email=kayse.smith@dec.state.tn.us

SIGNATURE OF AUTHORIZED REPRESENTATIVE

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.

Kayse Smith
Digitally signed by Kayse Smith
 DN: cn=Kayse Smith, o=DEC, ou=Division of Solid Waste Management, email=kayse.smith@dec.state.tn.us

SIGNATURE OF AUTHORIZED REPRESENTATIVE

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Certification Form – HN-CS

EPA ID: _____ UOP NUMBER: _____ SITE: _____

8. ATTACHMENTS - FEES

CHECK IF PAYMENT IS ATTACHED

EIN: _____

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

OTHER (SPECIFY): _____

8a. ATTACHMENTS - ANNUAL REPORTS

HAZARDOUS WASTE GENERATOR ANNUAL REPORT
 CORRECTED LATE

USED OIL ANNUAL REPORT
 CORRECTED LATE

OTHER REQUIRED NOTIFICATIONS (CHECK ALL THAT APPLY)

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

8b. ATTACHMENTS - INFORMATION UPDATES

ENVIRONMENTAL ACTIVITY	WASTE STREAMS	CONTACTS	SITE OPERATIONAL STATUS
<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)	SPECIAL NOTICE: FACILITY ANNUAL REPORT DUE AT CLOSURE

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Certification Form – HN-CS

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: _____ GSA: _____ 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

HAZARDOUS WASTE ENVIRONMENTAL ACTIVITY NOTIFICATION

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

A.1 EPA ID NUMBER: _____ A.2 USED OIL REGISTRATION NUMBER: _____ A.3 SITE LOCATION: _____ 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 KG (2,200 LBS) OR MORE OF HAZARDOUS WASTE, OR GENERATES IN ANY CALENDAR MONTH OR ACCUMULATES AT ANY TIME, GREATER THAN 1 KG (2.2 LBS) OR MORE OF ACUTE HAZARDOUS WASTE OR GENERATES IN ANY CALENDAR MONTH OR ACCUMULATES AT ANY TIME, GREATER THAN 100 KG (220 LBS) 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 KG (220 LBS) BUT LESS THAN 1,000 KG (2,200 LBS) OF NON-ACUTE HAZARDOUS WASTE OR ACCUMULATES AT ANY TIME, MORE THAN 9 BUT LESS THAN OR EQUAL TO 6,000 KG (13,228 LBS) 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 KG (220 LBS) AND ACCUMULATES AT ANY TIME THROUGH THE ENTIRE YEAR UNDER 1,000 KG (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



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Environmental Activity – Form HN-EA

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

GENERATOR WASTEWATER

GENERATOR EPISODIC ADDITIONAL NOTIFICATION REQUIRED FORM WSR

GENERATOR LOW LEVEL RADIOACTIVE MIXED WASTE

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

EXPLAIN SHORT TERM GENERATION: _____

US IMPORTER

US EXPORTER

RECYCLER NON-STORAGE

RECYCLER STORAGE

RECYCLER COMMERCIAL

RECYCLER NON-COMMERCIAL

HAZARDOUS SECONDARY MATERIALS (FORM HN-HSM)

HWM-RESIDUES (NOTIFICATION LETTER REQUIRED)

RECLAMATION OF SPENT WOOD PRESERVING RESIDUES

MANUFACTURER OF ZINC FERTILIZERS (OR ZINC FERTILIZER INGREDIENTS)

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

OPTING INTO SUBPART K

COLLEGE OR UNIVERSITY

TEACHING HOSPITAL

NON-PROFIT INSTITUTE

WITHDRAWING FROM SUBPART K See Rule 0400-12-01-09 (1)(10)(e)

OPERATING UNDER SUBPART K - PHARMACEUTICALS

HEALTHCARE FACILITY

TYPE OF HEALTHCARE FACILITY: _____

REVERSE DISTRIBUTOR

WITHDRAWING FROM SUBPART P See Rule 0400-12-01-09 (1)(6)(c)

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Environmental Activity – Form HN-EA

EPA ID: _____ UOP NUMBER: _____ SITE: _____

TRANSPORTER DATE TRANSPORTER ACTIVITY BEGAN: _____

OUT OF STATE HAZARDOUS WASTE TRANSPORTERS MUST POSSESS VALID EPA ID. TN DOES NOT ISSUE EPA IDs FOR NON-TN SITES.
 OTHER REQUIREMENTS: EPA ID, ANNUAL FEES, ANNUAL PERMIT. SUBMIT FORMS: HN, TRFDS

TRANSFER FACILITY DATE TRANSFER FACILITY ACTIVITY BEGAN: _____

TRANSPORTERS IDENTIFYING OWNERSHIP FOR SEPARATE TRANSFER FACILITY SITES ARE REQUIRED TO OBTAIN SEPARATE EPA IDs FOR EACH LOCATION. TSD FACILITIES ARE REQUIRED TO OBTAIN SEPARATE EPA IDs FOR EACH LOCATION.
 OTHER REQUIREMENTS: EPA ID, ANNUAL FEES. SUBMIT FORMS: HN, NF

USED OIL DATE USED OIL ACTIVITY BEGAN: _____

1. BURNER
 REQUIREMENTS: EPA ID, UOP NUMBER, ANNUAL REPT
 SUBMIT FORMS: HN, NF, UO-AR

2. FUEL MARKETER
 DIRECTS SHIPMENTS OF USED OIL TO BURNER
 FIRST CLAIMS THE USED OIL IS ON-SPEC
 REQUIREMENTS: EPA ID, UOP NUMBER, ANNUAL REPT
 SUBMIT FORMS: HN, NF, UO-AR

3. PROCESSOR / RE-REFINER
 PROCESS ONLY
 RE-REFINE ONLY
 REQUIREMENTS: EPA ID, UOP NUMBER, ANNUAL REPT, FEES
 SUBMIT FORMS: HN, NF, UO-AR

4. USED OIL TRANSFER FACILITY
 REQUIREMENTS: EPA ID, UOP NUMBER, ANNUAL REPT AND FEES
 SUBMIT FORMS: HN, NF, UO-AR

5. USED OIL TRANSPORTER
 REQUIREMENTS: EPA ID, UOP NUMBER, PERMIT, ANNUAL REPT AND FEES
 SUBMIT FORMS: HN, NF, UO-AR, UO-D

6. COLLECTION CENTER (COMMERCIAL ONLY)
 REQUIREMENTS: UOP NUMBER
 SUBMIT FORMS: HN

7. COLLECTION CENTER (DIY - DO-IT-YOURSELF)
 SUBMIT FORMS: HN



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Environmental Activity – Form HN-EA

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

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Department of Environment & Conservation

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Site Registration Notification – Form HN-H

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

RESET HN - H

HAZARDOUS WASTE REGISTRATION AND NOTIFICATION

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

Department of Environment & Conservation

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Site Registration Notification – Form HN-H

4. BUSINESS OWNER <input type="checkbox"/> INDIVIDUAL <input checked="" type="checkbox"/> COMPANY	
<small>IF CORPORATE OWNER, PROVIDE CORPORATE NAME</small>	
CORPORATE REGION	CORPORATE DISTRICT
LAST NAME FIRST NAME MI TITLE	
OWNER MAILING STREET ADDRESS	
CITY / TOWN / LOCALITY	
STATE / TERRITORY	ZIP / POSTAL CODE COUNTRY
PHONE 1	PHONE 2 FAX EMAIL
# EMPLOYEES	DATE OWNERSHIP BEGAN DATE OWNERSHIP ENDED
TOWNSHIP CODE	*LAND CODE
<small>Federal (F), State (S), Private (P), Indian (I), County (C), Municipal (M), District (D), Other (O)</small>	
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
PHONE 1	PHONE 2 FAX EMAIL

09-1447 (Rev. 04-15) CONTINUED RDA 2203

Department of Environment & Conservation

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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 B. Snodgrass Tennessee Tower
 312 Ross 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
United States		
PHONE 1	PHONE 2	FAX EMAIL
2. MANAGER <input type="checkbox"/> PLANT MANAGER <input type="checkbox"/> IDENTIFYING OFFICIAL <input type="checkbox"/> 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

Department of Environment & Conservation

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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
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	

CN-1443 (Rev. 04-15) CONTINUED RDA 2203

TN Department of Environment & Conservation

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Waste Stream Information – Form WSR

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

HAZARDOUS WASTE STREAM REPORT

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

U.S. EPA ID NUMBER BUSINESS NAME

NEW WASTE STREAM HAZARDOUS SECONDARY MATERIALS EPISODIC GENERATION - PLANNED
ANNUAL REPORT CONSOLIDATED FROM VSQG EPISODIC GENERATION - UNPLANNED
INFORMATION UPDATE SUBPART K

1. HAZARDOUS WASTE STREAM DESCRIPTION AND PROCESS

1a WASTE STREAM NAME 1b HOW IS THIS WASTE GENERATED?

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

1h DENSITY 1i GENERATION START DATE 1j GENERATION END DATE 1k DATE CHANGED TO HAZ SEC MATERIAL 1l EXPIRATION PERIOD

TN Department of Environment & Conservation

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Waste Stream Information – Form WSR

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

1k WASTE CODES - IN THIS ORDER: P,D,F,U,K 1l POSITIONAL MIXED WASTE 1m MONTHLY MAXIMUM GENERATED

1n pH 1o FLASH POINT 1p BTU per POUND 1q REACTIVE CODES

1r WASTE FORM CODE(S) - W CODES (UP TO THREE) 1s NAICS CODES - (UP TO TWO)

1t U.S. DOT SHIPPING NAME 1u U.S. DOT HAZARD CLASS 1v U.S. DOT ID CODE

2. WASTE STREAM CONSTITUENTS

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

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TN Department of Environment & Conservation

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Waste Stream Information – Form WSR

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

3. ANNUAL GENERATION AND HANDLING

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

4. OFFSITE SHIPPING

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

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

5a AMOUNT OF 3d HANDLED ONSITE	5b STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5c EPA MANAGEMENT METHOD
5a	5b	H
5b	5b	H
5c	5c	H
5d	5d	H

TN Department of Environment & Conservation

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Form WSR – Item 3 (Recap)

- Item 3a
 - Total amount of waste generated during the year
 - If there's no carryover storage from year to year, then 3a = 3d
- Item 3b
 - Amount onsite in storage on January 1
 - Should always be the same as item 3c of the previous year's report
- Item 3c
 - Amount onsite in storage on December 31
- Item 3d
 - Amount handled (i.e. amount sent for onsite/off-site treatment)
- Check formulas
 - $3a + 3b - 3c = 3d$
 - If no onsite treatment, then $3d = 4a$, always
 - Generally, only use $3d = 4a + 5a + 5b + 5c + 5d$ if waste is treated onsite

Form WSR – Items 4 & 5 (Recap)

- Item 4a
 - Total amount of sent offsite for treatment and/or disposal
 - Should match the amount of waste on your manifests and OSR
- Item 4b
 - State TSDR code(s) that describe the method(s) of treatment/disposal for the waste through final disposition
 - Must include at least one T, D or X state treatment/disposal code
- Item 4c
 - EPA management method code(s) that describe the method(s) of treatment/disposal for the waste through final disposition
 - Cannot be just H141
- Item 5 (for generators)
 - Amount of waste treated onsite for report year
 - State TSDR code must include at least one state "H" handling code

Form WSR – Example Items 3-5

- For calendar year 2023, the facility generated 1100 lbs. of paint waste that was distilled on site, with 220 lbs. carried over from CY2022. No waste was left onsite 12/31/2023. All of the waste was treated onsite in a distillation unit for solvent recovery.

3. ANNUAL GENERATION AND HANDLING			
3a AMOUNT GENERATED	3b AMOUNT ONSITE JAN 1st	3c AMOUNT ONSITE DEC 31st	3d AMOUNT HANDLED
1100 lbs	220 lbs	0 lbs	1320 lbs

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

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
1320 lbs	H09	H H020

Form WSR – Example Items 3-5

- For calendar year 2023, the facility generated 110 lbs. of distillation still bottoms, with no waste carryover between the years. All of the waste was shipped offsite for disposal by chemical fixation and landfilling.

3. ANNUAL GENERATION AND HANDLING			
3a AMOUNT GENERATED	3b AMOUNT ONSITE JAN 1st	3c AMOUNT ONSITE DEC 31st	3d AMOUNT HANDLED
110 lbs	0 lbs	0 lbs	110 lbs

4. OFFSITE SHIPPING		
4a TOTAL AMOUNT SHIPPED OFFSITE	4b STATE CODES: STORAGE & DISPOSAL / TREATMENT	4c EPA MANAGEMENT METHOD CODES
110 lbs	T21, D80	H132

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
0 lbs		H

Waste Stream Information – Form WSR

The image shows a screenshot of the Hazardous Waste Reduction Form WSR. Red arrows point to sections 6 and 7. Section 6 is titled 'HAZARDOUS WASTE REDUCTION' and contains fields for 'THIS YEAR RATIO', 'GOAL YEAR RATIO', 'GOAL YEAR', 'WASTE / TOXICITY REDUCTION EFFORT CODES', 'WASTE REDUCTION IMPEDIMENT CODES', and 'CHANGE IN TOXICITY'. Section 7 is titled 'FACILITY COMMENTS' and is a large text area. Below these sections is a 'CERTIFIED SIGNATURE REQUIRED' section with checkboxes for 'NOT HAZARDOUS - NH', 'PARTIAL EXEMPTION PE', 'VARIANCE GRANTED - V', 'WASTEWATER - RW', 'RESOURCE RECOVERY - RR', and 'NO LONGER GEN - N'. There are also fields for 'STATUS', 'DATE RECEIVED', 'DATE REVIEWED', 'FURTHER REPORTING' (YES/NO), and 'REVIEWED BY'.

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Item 6: Hazardous Waste Reduction

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

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

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Hazardous Waste Reduction

- Item 6b – Goal Year Ratio
 - Calculate the goal year ratio by dividing the goal HW generation using the number of standard production units (SPU) for this waste
$$\frac{\text{Goal Amount of Waste Generation}}{\text{Standard Production Unit}}$$
- Item 6c
 - The year the facility expects to meet their reduction goal

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Waste Reduction Example

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

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

6b: Goal Year Ratio

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

For example:

10% reduction by 2025

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

Waste Reduction Example

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

HW Generation Fee Sheet – Form G-FDS

LINE 9 MINUS SUM OF LINE 11A	0.00	LINE 12
MULTIPLY LINE 10 BY \$0.0012 (IF IN POUNDS) OR \$0.00264552 (IF IN KILOGRAMS)	\$0.00	LINE 13
MULTIPLY LINE 11 BY \$0.0047 (IF IN POUNDS) OR \$0.01036162 (IF IN KILOGRAMS)	\$0.00	LINE 14
MULTIPLY LINE 12 BY \$0.0088 (IF IN POUNDS) OR \$0.01940048 (IF IN KILOGRAMS)	\$0.00	LINE 15
ADD LINES 13, 14 AND 15	\$0.00	LINE 16
CALCULATE YOUR HAZARDOUS WASTE OFFSITE SHIPPING FEE		
538 ENTER THE AMOUNT FROM LINE 16 OR \$29,200 (WHICHEVER IS SMALLER)	\$0.00	LINE 17
CALCULATE YOUR TOTAL HAZARDOUS WASTE GENERATION FEE		
PRINT FORM ADD LINES 5, 17 PAY THIS AMOUNT	\$0.00	LINE 18
MAKE CHECK PAYABLE TO: 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 312 ROSA L. PARKS AVENUE, 10TH FLOOR NASHVILLE, TN 37243		
PART 3 - CERTIFICATION REQUIRED		
[Complete Form HN-C5 (Form CN-1442 including Section 7)]		
CN-0906 (Rev. 09-15) Department of Environment & Conservation	PAGE 2 OF 2	RDA.2203

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Fee Payment – Check or Credit Card

- Checks should be mailed to the Consolidated Fee Section with a copy of the completed fee sheet
 TDEC – Consolidated Fee Section
 William R. Snodgrass Tennessee Tower
 312 Rosa L. Parks Avenue, 14th floor
 Nashville, TN 37243
- Credit card payments can be made two ways:
 - Email copy of fee sheet and credit card payment form to tdec.fees@tn.gov
 - Call Consolidated Fee Section at 615-532-0065 to pay by phone

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Annual Report Submission Methods

- Submit completed report forms by mail to:
 TDEC-DSWM Waste Activity Audit Section
 William R. Snodgrass Tennessee Tower
 312 Rosa L. Parks Avenue, 14th floor
 Nashville, TN 37243
- Electronic submission to waste.activity@tn.gov

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What's New for the RY2023 Cycle?

- Updated Form WSR Instructions
- New EPA Management Method Codes
- Changes to the Corrections Process
 - Notices of Deficiency
 - Changes to corrections submission method(s)

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New EPA Management Method Codes

- New Codes for RY2023
 - H042: Thermal desorption removes organic contaminants from soil, sludge or sediment by heating them in a unit called a “thermal desorber” to separate the contaminants
 - H113: Stabilization to remove hazardous waste characteristics or to achieve delisting levels
 - H136: Discharge to sewer/POTW (with prior storage – with or without treatment)
 - H137: Discharge with NPDES permit (with prior storage – with or without treatment)
- Deactivated Code
 - H135: Discharge to sewer/POTW or NPDES (with prior storage - with or without treatment)

Corrections Process

- Notice of Deficiency (NOD) issued to facilities for errors identified in annual report
- NOD addressed to certifying official with copy to technical contact
- NOD Process
 - Phone call to technical contact
 - Courtesy copy will be emailed
 - Facility will receive original by certified mail
- NOD will list all corrections that need to be made to report(s)
- Facility has 30 days to submit corrections – date identified on letter
- An extension can be petitioned for, may not be granted

Corrections Process (con't)

- Two ways to submit corrected forms
 - Re-submit corrected report with brand new signature page (either certified electronic or wet signature) with corrected form(s)
 - Re-submit corrected pages with corrections initialed and dated by the person making corrections. Original HN-CS (CN-1442) must have initials from the original signatory indicating that they have approved of the corrections made and new date initials were made.
- **Cannot** type initials/signature for corrections, must be done by hand or with valid electronic signing program
- Corrections can be emailed, faxed or mailed hardcopy
- If mailing hardcopies – please also send an email with a scanned copy, particularly if the submission is towards the end of the 30-day deadline.

How to Submit Corrections

- Three methods:
 - Re-submit report under new certification
 - Marked “corrected report” on page 2 of HN-CS
 - Doesn't need to have initialed corrections
 - Submit Corrected Originals
 - Include initialed HN-CS by original signatory
 - Each correction should be initialed and dated on each form
 - Initials on corrected forms can be made by signatory or tech contact
 - Submit Corrected Versions on New forms
 - Include initialed HN-CS by original signatory
 - Each correction should be initialed and dated on each form
 - Initials on corrected forms can be made by signatory or tech contact
- Can be submitted electronically or by hard copy (or both)

Common Mistakes that Result in NODs

- Math Errors
 - Carryover amount doesn't match previous year
 - Formulas don't solve correctly on form WSR
- Handling/TSDR codes on form WSR
 - Did not include final disposition codes, only storage codes (e.g. S01, H141)
 - Mismatching codes (e.g. state codes for chemical fixation, EPA codes for fuel blending)
- Transporter/Designated Facility EPA ID numbers
 - Not enough characters/numbers
 - Transposed numbers/letters
 - Not permitted for the report year

Things to Remember

- Don't leave the WSR forms blank – if no waste was generated, at a minimum mark 0 in item 3 and ensure that no waste was carried over from the previous year.
- Check the EPA ID number(s) for transporters and designated facilities listed on form OSR against RCRAInfo Web (if you do not have an e-manifest account) to make sure you have written the correct EPA ID number(s).
- D99 (or any "other" code) is not an appropriate state TSDR code unless a description of the treatment/disposal method is provided in item 7.

Things to Remember (con't)

- Don't number new waste streams – WAAS will number the waste streams.
- Don't check the episodic box or input information into the hazardous secondary materials (HSM) boxes unless you are submitting a notification for an episodic event or managing waste as HSM.
- If you manage HSM, please submit form HN-HSM this year!

Questions?



IMPORTANT THINGS TO KNOW AND REMEMBER

1. Call DSWM, WAAS 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 "Hazardous Waste" and an indication of hazard. If a container of hazardous waste is in a central accumulation area, it also must have a label with the date the waste began accumulating. If it is in a satellite accumulation area, there is no requirement for a date until 55 gallons is exceeded (still must be labeled).
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 days).
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

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

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

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

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

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

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

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

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

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

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

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

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

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

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.

Do Report and Count	
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.
Report but Do Not Count	
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.	
Do Not Report	
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 (e.g., process upsets, product recalls, “acts of nature”)
<u>Planned Episodic Event:</u>	An episodic event that the generator planned and prepared for (e.g., tank cleanouts, regular maintenance, removal of excess chemical inventory)

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

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

Basic Information

Planned Episodic Event

Annual Report + Fees Are Required (Received by March 1st of the following year)

Initial notification must be made **30 days in advance**

Waste must be off-site within **60 days**

Submit manifest **30 days after** waste is removed off-site

Unplanned Episodic Event

Annual Report + Fees Are Required (Received by March 1st of the following year)

Initial Notification must be made **within 72 hours**

Waste must be off-site within **60 days**

Submit manifest **30 days after** waste is removed off-site

Initial Notification Requirements

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

Episodic Event Timeframe: 60 Days

Episodic events must be completed within 60 days. The clock begins on the first day of any activities affiliated with the event. For unplanned events, that begins the day the hazardous waste was generated. For planned events, the 60 days begins 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 Rule 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. However, VSQGs with an episodic event must submit an annual report and pay fees. Additionally, facilities that were a LQG or SQG generator the year prior must submit a report, if they have not already submitted a change in status notification.

SITES REQUIRED TO FILE THE REPORT

Large Quantity Generators

- Generated in any one month more than 1,000 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, 2024

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

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

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

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

State of Tennessee
Department of Environment and Conservation
Division of Fiscal Services – Consolidated Fee Section
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 10th Floor
Nashville, TN 37243

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

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

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

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

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

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



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF FISCAL SERVICES- CONSOLIDATED FEE SECTION
William R. Snodgrass TN Tower
312 Rosa L. Parks Avenue, 10th 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

<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

Hazardous Waste Determination



Department of
**Environment &
Conservation**

2024 Annual Report Workshop

John Webb

2024


1

The Hazardous Waste Determination

The focus is on accurate waste determinations.

Rule 0400-12-01-.03(b)6

A small or large quantity generator must maintain records supporting its hazardous waste determinations, including records that identify whether a solid waste is a hazardous waste, as defined by subparagraph (1)(c) of Rule 0400-12-01-.02.



2

The Hazardous Waste Determination

When/Where is the waste determination made?

- At point of generation
- **Before** any dilution, mixing, or other alteration of the waste occurs
- **Any time** in the course of its management that it has, or may have, changed its properties as a result of exposure to the environment or other factors that may change the properties of the waste such that the hazardous waste management regulatory classification of the waste may change

Hazardous Waste Codes

What are the Waste Codes?

Either LISTED

or CHARACTERISTIC



Ignitability

Ignitable



Corrosivity

Corrosive



Toxicity

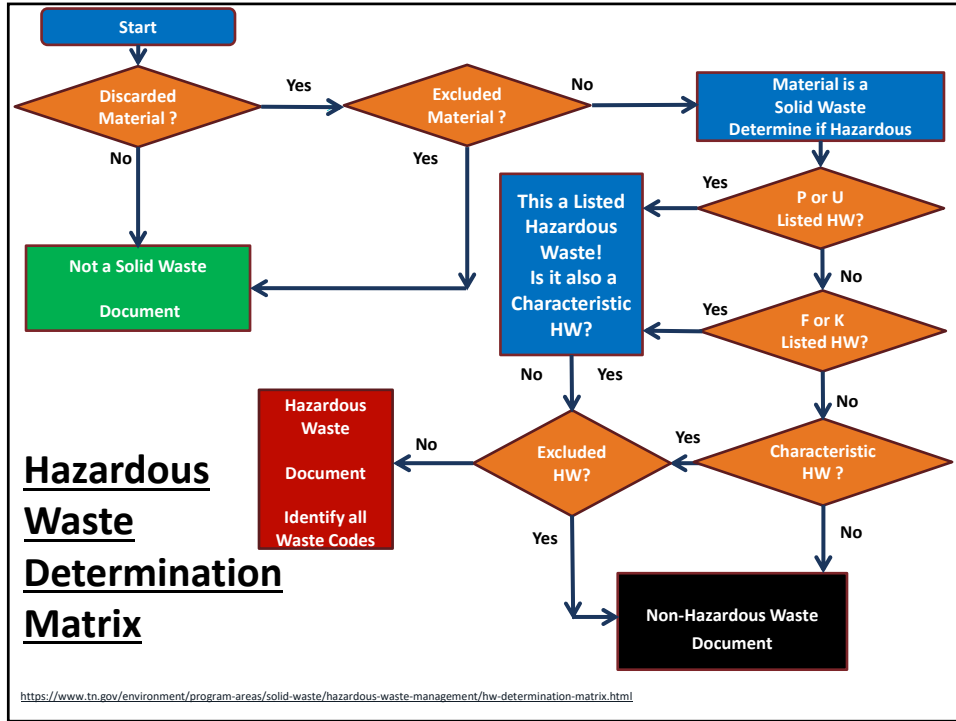
Toxic



Reactive

Reactive






5

Documentation of HW Determination


Hazardous Waste Determinations



VSQG – No Requirement to Document HW Determination for ANY Waste Stream

SQG/LQG – Documentation Required for HW Streams

Be prepared to justify non-hazardous determination on questionable waste streams!



6

The Waste Stream Report (WSR)

Verify your waste determinations agree with the WSR form submitted in the Annual report

Most common items are:

- Hazard Criteria (1f) must agree with Waste Codes (1h)
- Waste stream constituents (2) must be identified
 - o Check proper units (2d)
 - o Appropriate limits (2b and 2c)
 - o Correct constituents (2a)

You must have documentation for each hazardous waste stream generated that identifies what makes the waste a hazardous waste (codes frequently have constituents)

7

Process Knowledge

More specifics regarding process knowledge (PK) for making waste determinations:

- Information about chemical feedstocks and other inputs to the production process
- Knowledge of products, by-products, and intermediates produced by the manufacturing process; chemical or physical characterization of wastes
- Information on the chemical and physical properties of the chemicals used or produced by the process or otherwise contained in the waste
- Supporting test methods other than those found in Rule 0400-12-01-.02(3)

8

Sampling and Analysis

When available knowledge is inadequate waste must be tested by certain methods or their recognized equivalent method

- Persons testing their waste must obtain a representative sample of the waste for the testing
- Where a test method is specified, the results of the regulatory test, when properly performed, are definitive for determining the regulatory status of the waste.

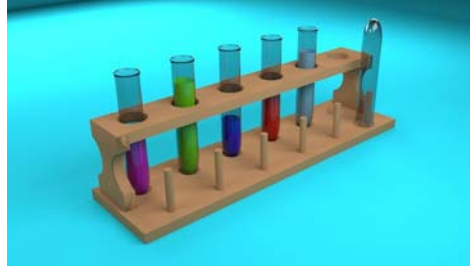
Recordkeeping – Waste Determination

If using process knowledge

- Records consulted in order to determine the process by which the waste was generated, the composition of the waste, and the properties of the waste; and
- Records which explain the knowledge basis for the generator's determination,
 - Include any supporting test methods

Recordkeeping – Waste Determination

- The results of any tests, sampling, waste analyses, or other determinations made in accordance with this section



- Records documenting the tests, sampling, and analytical methods used to demonstrate the validity and relevance of such tests;

A Word about LDRs and UHCs

- Underlying Hazardous Constituents (UHCs) are trace amounts of hazardous chemicals (listed in Table UHC Rule 0400-12-01-.10) found in some hazardous wastes that do not cause the waste to be hazardous, but must be treated before the waste is disposed of in a landfill.
- Land Disposal Restrictions (LDRs) are technology based and/or concentration based limits for UHCs in hazardous waste
- LDRs must accompany hazardous wastes manifested to a Treatment, Storage, or Disposal Facility. A one time notification is sufficient if waste stream is consistent.

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: Who is the Responsible Official?

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

Q: Can I submit my report electronically?

A: You may e-mail your report to waste.activity@tn.gov if the HN-CS Form has been signed using an encrypted e-signature ([click to view examples of valid e-signatures](#)) or the original, wet-signature copy of the HN-CS Form is physically mailed. If you submit your report electronically, it should be emailed by March 1, 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 (VSQG), do I need to send in a report?

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

Q: If my facility had a one-time activity that resulted in generation of more than 220 lbs. in one month, do I still have to file a report?

A: Yes. The threshold for filing is generation of more than 220 lbs. in any calendar month (or more than 2.2 lbs. of acutely hazardous waste).

Q: How do I know my facility's generator status?

A: 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: Can I pay with a credit card?

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

Q: Where do I mail my fees?

A: Mail check and fee sheet forms 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

Q: Where do I mail my report?

A: Mail the completed forms and a copy of the annual fee sheet forms to:

State of Tennessee
Department of Environment and Conservation
Division of Solid Waste Management
ATTN: Waste Activity Audit
William R. Snodgrass Tennessee Tower
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

Section 9

Additional Resources

Frequently Used Acronyms

BTU	British Thermal Unit
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (commonly known as Superfund)
CFR	Code of Federal Regulations
EGEN	Episodic Generation Event
EPA	Environmental Protection Agency
FR	Federal Register
LDR	Land Disposal Restrictions
LQG	Large Quantity Generator; a generator that generates greater than 1,000kg in any calendar month
NOD	Notice of Deficiency
NOV	Notice of Violation
NPDES	National Pollution Discharge Elimination System
PCB	Polychlorinated Biphenyl
POTW	Public Owned Treatment Works
RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendment and Reauthorization Act of 1986
SDS	Safety Data Sheet
SOP	Standard Operation Procedure
SQG	Small Quantity Generator; a generator that generates greater than 100 kg but less than 1,000 kg any calendar month
STP	Standard Temperature and Pressure
TCA	Tennessee Code Annotated
TCLP	Toxicity Characteristic Leaching Procedure
TSCA	Toxic Substances Control Act
TSD	Treatment, Storage, Disposal
TSDR	Treatment, Storage, Disposal, Recycler
TSDF	Treatment, Storage, Disposal Facility
UST	Underground Storage Tank
VSQG	Very Small Quantity Generator; a generator that generates 100 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).....	Form HN-CS
Hazardous Waste Environmental Activity Notification (CN-1446).....	Form HN-EA
Hazardous Waste Registration & Notification (CN-1447).....	Form HN-H
Hazardous Waste Contact Notification (CN-1445).....	Form HN-H(Contacts)
Hazardous Waste Notification Fees (CN-1443).....	Form NF
Hazardous Waste Stream Report (CN-0773).....	Form WSR
Hazardous Waste Offsite Shipping (CN-0779).....	Form OSR
Annual Hazardous Waste Generation Fee Determination (CN-0906).....	Form GFDS
Hazardous Waste Closure Notification (CN-1444).....	Form HN-C

INSTRUCTIONS FOR EXAMPLE WSR FORM WITH POP-UP INSTRUCTIONS

To view each form field's instructions on the next page, hover your mouse over the highlight words or comment box.

To keep a particular instructions box open, click on the highlighted words.

To expand a particular instruction box, click and drag the bottom right or left corner of the comment box.

The screenshot shows a web-based form titled "WASTE STREAM DESCRIPTION AND PROCESS". A yellow highlight is over the text "1b HOW IS (WAS) THIS WASTE GENERATED?". Below this, the text "Discarded paint, paint containers and paint related materials." is visible. A pop-up instruction box is open, titled "WAAS" with a timestamp of "1/16/2024 11:36:35 AM". The instruction text reads: "Check one or more characteristics of the waste as appropriate to identify its hazards according to Rule 0400-12-01-.03(1)(b). The criteria selected should match the EPA waste codes listed in item 1h on this form." The bottom corners of the pop-up box are marked with red rectangles. At the bottom of the form, there are fields for "1m BTU per POUND" and "1n REACTIVE CODES".

Example WSR & Pop-up Instructions



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

WSR
REPORT YEAR 2023
WASTE STREAM # 1

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

U.S. EPA ID NUMBER TNR000012345	BUSINESS NAME EcoHazard Inc.
<input type="checkbox"/> NEW WASTE STREAM	<input type="checkbox"/> HAZARDOUS SECONDARY MATERIAL
<input checked="" type="checkbox"/> ANNUAL REPORT	<input type="checkbox"/> CONSOLIDATED FROM VSQG
<input type="checkbox"/> INFORMATION UPDATE	<input type="checkbox"/> SUBPART K
<input type="checkbox"/> EPISODIC GENERATION - PLANNED MUST NOTIFY 30 DAYS PRIOR TO EVENT	
<input type="checkbox"/> EPISODIC GENERATION - UNPLANNED MUST NOTIFY WITHIN 72 HRS OF EVENT COMPLETE SECTION 7 "FACILITY COMMENTS" DATE TDEC NOTIFIED _____ DATE EGEN ENDED _____	

1. HAZARDOUS WASTE STREAM DESCRIPTION AND PROCESS

1a WASTE STREAM NAME Waste Paint	1b HOW IS (WAS) THIS WASTE GENERATED? Discarded paint, paint containers and paint related materials.
--	--

1b1 SOURCE CODE G 0 6	1c REPORTING UNITS <input type="checkbox"/> kgs <input checked="" type="checkbox"/> lbs DENSITY _____	1d GENERATION FREQUENCY <input type="checkbox"/> ONE TIME NON-RECURRING <input checked="" type="checkbox"/> REGULARLY <input type="checkbox"/> INTERMITTENTLY	1e STATUS <input checked="" type="checkbox"/> ACTIVE <input type="checkbox"/> CLOSED <input type="checkbox"/> RE-ACTIVATED	1f HAZARD CRITERIA <input checked="" type="checkbox"/> IGNITABLE <input type="checkbox"/> REACTIVE <input type="checkbox"/> CORROSIVE <input type="checkbox"/> LISTED <input checked="" type="checkbox"/> TOXICITY (TCLP)
---------------------------------	--	---	--	---

1g GENERATION START DATE 04/04/1991	1g GENERATION END DATE	1g DATE CLAIMED AS HAZ SEC MATERIAL	1g DURATION - EPISODIC DAYS _____
---	-------------------------------	--	---

1h WASTE CODES - IN THIS ORDER: P,D,F,U,K D001, D004, D005	1i RADIOACTIVE MIXED WASTE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	1j MONTHLY MAXIMUM GENERATED 500.00 <input type="checkbox"/> kgs <input checked="" type="checkbox"/> lbs
--	---	---

1k pH	1l FLASH POINT <73° F	1m BTU per POUND >5,000	1n REACTIVE CODES
--------------	---------------------------------	-----------------------------------	--------------------------

1o WASTE FORM CODE(S) - W CODES (UP TO THREE) W209	1p NAICS CODES - (UP TO TWO) 238160
--	---

1q U.S. DOT SHIPPING NAME Paint or Paint related material	1r U.S. DOT HAZARD CLASS 8	1s U.S. DOT ID CODE UN3066
---	--------------------------------------	--------------------------------------

2. WASTE STREAM CONSTITUENTS

2a HAZARDOUS WASTE CONSTITUENT	2b LOWER VALUE	2c UPPER VALUE	2d PPM	% VOL	% WEIGHT
1 Discarded Paint	0	100	<input checked="" 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"/>

FD051121

U.S. EPA ID NUMBER TNR000012345	BUSINESS NAME EcoHazard Inc.	WASTE STREAM # 1
---	---------------------------------	----------------------------

3. ANNUAL GENERATION AND HANDLING			
3a AMOUNT GENERATED	3b AMOUNT ONSITE JAN 1st	3c AMOUNT ONSITE DEC 31st	3d AMOUNT HANDLED
500.00 lbs	0.00 lbs	0.00 lbs	500.00 lbs

4. OFFSITE SHIPPING			
4a TOTAL AMOUNT SHIPPED OFFSITE	4b STATE CODES: STORAGE & DISPOSAL / TREATMENT	4c EPA MANAGEMENT METHOD CODES	
500.00 lbs	S01, T50, T81	H141	H061

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	
lbs		H _____	
5b AMOUNT OF 3d HANDLED ONSITE	5b STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5b EPA MANAGEMENT METHOD	
lbs		H _____	
5c AMOUNT OF 3d HANDLED ONSITE	5c STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5c EPA MANAGEMENT METHOD	
lbs		H _____	
5d AMOUNT OF 3d HANDLED ONSITE	5d STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5d EPA MANAGEMENT METHOD	
lbs		H _____	

6. HAZARDOUS WASTE REDUCTION			
6a THIS YEAR RATIO	6b GOAL YEAR RATIO	6c GOAL YEAR	6d WASTE / TOXICITY REDUCTION EFFORT CODES
417.8	538.8	2026	b,c
6e WASTE REDUCTION IMPEDIMENT CODES		6f CHANGE IN TOXICITY	
f		<input type="checkbox"/> INCREASE <input type="checkbox"/> DECREASE <input checked="" type="checkbox"/> NO CHANGE	

6g NARRATIVE - EXPLAIN REPORTED DATA (IF APPLICABLE)
 Off-spec material that needed to be disposed of. Proper material management should reduce future generation.

6h NARRATIVE - IF NO NUMERIC GOAL EXPLAIN WHY

7. FACILITY COMMENTS
Example WSR & Pop-up Instructions

TDEC USE ONLY			
<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	STATUS <input type="text"/>
COMMENTS	DATE RECEIVED	DATE REVIEWED	STAFF



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

Example WSR

WSR
REPORT YEAR 2023
WASTE STREAM # 2

HAZARDOUS WASTE STREAM REPORT

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

U.S. EPA ID NUMBER TNR000012345	BUSINESS NAME EcoHazard Inc.
<input type="checkbox"/> NEW WASTE STREAM	<input type="checkbox"/> HAZARDOUS SECONDARY MATERIAL
<input checked="" type="checkbox"/> ANNUAL REPORT	<input type="checkbox"/> CONSOLIDATED FROM VSQG
<input type="checkbox"/> INFORMATION UPDATE	<input type="checkbox"/> SUBPART K
<input type="checkbox"/> EPISODIC GENERATION - PLANNED MUST NOTIFY 30 DAYS PRIOR TO EVENT	
<input type="checkbox"/> EPISODIC GENERATION - UNPLANNED MUST NOTIFY WITHIN 72 HRS OF EVENT	
COMPLETE SECTION 7 "FACILITY COMMENTS" DATE TDEC NOTIFIED _____ DATE EGEN ENDED _____	

1. HAZARDOUS WASTE STREAM DESCRIPTION AND PROCESS

1a WASTE STREAM NAME Sodium Hydroxide Solids		1b HOW IS (WAS) THIS WASTE GENERATED? Sodium hydroxide solids formed and crystalized from sodium hydroxide containment and storage in paint sludge			
1b1 SOURCE CODE G 1 1	1c REPORTING UNITS <input type="checkbox"/> kgs <input checked="" type="checkbox"/> lbs DENSITY _____	1d GENERATION FREQUENCY <input type="checkbox"/> ONE TIME NON-RECURRING <input type="checkbox"/> REGULARLY <input checked="" type="checkbox"/> INTERMITTENTLY	1e STATUS <input checked="" type="checkbox"/> ACTIVE <input type="checkbox"/> CLOSED <input type="checkbox"/> RE-ACTIVATED	1f HAZARD CRITERIA <input type="checkbox"/> IGNITABLE <input type="checkbox"/> REACTIVE <input checked="" type="checkbox"/> CORROSIVE <input type="checkbox"/> LISTED <input type="checkbox"/> TOXICITY (TCLP)	

1g GENERATION START DATE 11/18/2004	1g GENERATION END DATE	1g DATE CLAIMED AS HAZ SEC MATERIAL	1g DURATION - EPISODIC DAYS
---	------------------------	-------------------------------------	--------------------------------

1h WASTE CODES - IN THIS ORDER: P,D,F,U,K D002	1i RADIOACTIVE MIXED WASTE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	1j MONTHLY MAXIMUM GENERATED 300.00 lbs <input type="checkbox"/> kgs <input checked="" type="checkbox"/> lbs
--	--	--

1k pH 14	1l FLASH POINT	1m BTU per POUND	1n REACTIVE CODES
--------------------	----------------	------------------	-------------------

1o WASTE FORM CODE(S) - W CODES (UP TO THREE) W219 W409	1p NAICS CODES - (UP TO TWO) 238160
---	---

1q U.S. DOT SHIPPING NAME Sodium hydroxide, solid	1r U.S. DOT HAZARD CLASS 8	1s U.S. DOT ID CODE UN1823
---	--------------------------------------	--------------------------------------

2. WASTE STREAM CONSTITUENTS

2a HAZARDOUS WASTE CONSTITUENT	2b LOWER VALUE	2c UPPER VALUE	2d PPM	% VOL	% WEIGHT
1 Sodium hydroxide, solid	80	90	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2 Water	10	20	<input type="checkbox"/>	<input checked="" 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"/>

U.S. EPA ID NUMBER TNR000012345	BUSINESS NAME EcoHazard Inc.	WASTE STREAM # 2
---	---------------------------------	----------------------------

3. ANNUAL GENERATION AND HANDLING				
3a AMOUNT GENERATED		3b AMOUNT ONSITE JAN 1st	3c AMOUNT ONSITE DEC 31st	3d AMOUNT HANDLED
300.00 lbs		150.00 lbs	25.00 lbs	425.00 lbs

4. OFFSITE SHIPPING			
4a TOTAL AMOUNT SHIPPED OFFSITE	4b STATE CODES: STORAGE & DISPOSAL / TREATMENT		4c EPA MANAGEMENT METHOD CODES
425.00 lbs	T21		H070

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
lbs		H
5b AMOUNT OF 3d HANDLED ONSITE	5b STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5b EPA MANAGEMENT METHOD
lbs		H
5c AMOUNT OF 3d HANDLED ONSITE	5c STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5c EPA MANAGEMENT METHOD
lbs		H
5d AMOUNT OF 3d HANDLED ONSITE	5d STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5d EPA MANAGEMENT METHOD
lbs		H

6. HAZARDOUS WASTE REDUCTION			
6a THIS YEAR RATIO	6b GOAL YEAR RATIO	6c GOAL YEAR	6d WASTE / TOXICITY REDUCTION EFFORT CODES
12.9	7.9	2025	e
6e WASTE REDUCTION IMPEDIMENT CODES		6f CHANGE IN TOXICITY	
a,b		<input type="checkbox"/> INCREASE <input type="checkbox"/> DECREASE <input checked="" type="checkbox"/> NO CHANGE	

6g NARRATIVE - EXPLAIN REPORTED DATA (IF APPLICABLE)

6h NARRATIVE - IF NO NUMERIC GOAL EXPLAIN WHY

7. FACILITY COMMENTS	
Example WSR	

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



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

WSR
REPORT YEAR 2023
WASTE STREAM # 3

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

U.S. EPA ID NUMBER TNR000012345	BUSINESS NAME EcoHazard Inc.
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<input type="checkbox"/> NEW WASTE STREAM	<input type="checkbox"/> HAZARDOUS SECONDARY MATERIAL	<input type="checkbox"/> EPISODIC GENERATION - PLANNED <i>MUST NOTIFY 30 DAYS PRIOR TO EVENT</i>
<input checked="" type="checkbox"/> ANNUAL REPORT	<input type="checkbox"/> CONSOLIDATED FROM VSQG	<input type="checkbox"/> EPISODIC GENERATION - UNPLANNED <i>MUST NOTIFY WITHIN 72 HRS OF EVENT</i>
<input type="checkbox"/> INFORMATION UPDATE	<input type="checkbox"/> SUBPART K	COMPLETE SECTION 7 "FACILITY COMMENTS" DATE TDEC NOTIFIED _____ DATE EGEN ENDED _____

1. HAZARDOUS WASTE STREAM DESCRIPTION AND PROCESS

1a WASTE STREAM NAME Waste Peroxides	1b HOW IS (WAS) THIS WASTE GENERATED? Byproduct from the production of hydrogen peroxide.
--	---

1b1 SOURCE CODE G 0 7	1c REPORTING UNITS <input type="checkbox"/> kgs <input checked="" type="checkbox"/> lbs 8.34 DENSITY	1d GENERATION FREQUENCY <input type="checkbox"/> ONE TIME NON-RECURRING <input checked="" type="checkbox"/> REGULARLY <input type="checkbox"/> INTERMITTENTLY	1e STATUS <input checked="" type="checkbox"/> ACTIVE <input type="checkbox"/> CLOSED <input type="checkbox"/> RE-ACTIVATED	1f HAZARD CRITERIA <input type="checkbox"/> IGNITABLE <input checked="" type="checkbox"/> REACTIVE <input type="checkbox"/> CORROSIVE <input type="checkbox"/> LISTED <input type="checkbox"/> TOXICITY (TCLP)
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1g GENERATION START DATE 11/18/2022	1g GENERATION END DATE	1g DATE CLAIMED AS HAZ SEC MATERIAL	1g DURATION - EPISODIC DAYS
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1h WASTE CODES - IN THIS ORDER: P,D,F,U,K D003	1i RADIOACTIVE MIXED WASTE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	1j MONTHLY MAXIMUM GENERATED 1,214.00 lbs <input type="checkbox"/> kgs <input checked="" type="checkbox"/> lbs
--	---	--

1k pH	1l FLASH POINT >200°F	1m BTU per POUND >5,000	1n REACTIVE CODES 3
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1o WASTE FORM CODE(S) - W CODES (UP TO THREE) W119	1p NAICS CODES - (UP TO TWO) 325180
--	---

1q U.S. DOT SHIPPING NAME Peroxides, inorganic, n.o.s	1r U.S. DOT HAZARD CLASS 5.1	1s U.S. DOT ID CODE UN1483
---	--	--------------------------------------

2. WASTE STREAM CONSTITUENTS

2a HAZARDOUS WASTE CONSTITUENT	2b LOWER VALUE	2c UPPER VALUE	2d PPM	% VOL	% WEIGHT
1 Peroxides	0	100	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>

U.S. EPA ID NUMBER TNR000012345	BUSINESS NAME EcoHazard Inc.	WASTE STREAM # 3
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3. ANNUAL GENERATION AND HANDLING			
3a AMOUNT GENERATED	3b AMOUNT ONSITE JAN 1st	3c AMOUNT ONSITE DEC 31st	3d AMOUNT HANDLED
1,214.00 lbs	0.00 lbs	0.00 lbs	1,214.00 lbs

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

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
1,214.00 lbs	H07	H 1 2 1
5b AMOUNT OF 3d HANDLED ONSITE	5b STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5b EPA MANAGEMENT METHOD
lbs		H _____
5c AMOUNT OF 3d HANDLED ONSITE	5c STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5c EPA MANAGEMENT METHOD
lbs		H _____
5d AMOUNT OF 3d HANDLED ONSITE	5d STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5d EPA MANAGEMENT METHOD
lbs		H _____

6. HAZARDOUS WASTE REDUCTION			
6a THIS YEAR RATIO	6b GOAL YEAR RATIO	6c GOAL YEAR	6d WASTE / TOXICITY REDUCTION EFFORT CODES
6e WASTE REDUCTION IMPEDIMENT CODES		6f CHANGE IN TOXICITY	
		<input type="checkbox"/> INCREASE <input type="checkbox"/> DECREASE <input checked="" type="checkbox"/> NO CHANGE	

6g NARRATIVE - EXPLAIN REPORTED DATA (IF APPLICABLE)

6h NARRATIVE - IF NO NUMERIC GOAL EXPLAIN WHY
 Currently developing employee training and tracking to improve numbers.

7. FACILITY COMMENTS
Example WSR: Onsite Handling or Treatment

TDEC USE ONLY			
<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	STATUS <input type="text"/>
COMMENTS	DATE RECEIVED	DATE REVIEWED	STAFF



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

Example WSR: Closed WS

WSR

REPORT YEAR	2023
WASTE STREAM #	4

HAZARDOUS WASTE STREAM REPORT

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

U.S. EPA ID NUMBER TNR000012345	BUSINESS NAME EcoHazard Inc.	<input type="checkbox"/> NEW WASTE STREAM	<input type="checkbox"/> HAZARDOUS SECONDARY MATERIAL	<input type="checkbox"/> EPISODIC GENERATION - PLANNED <i>MUST NOTIFY 30 DAYS PRIOR TO EVENT</i>
<input checked="" type="checkbox"/> ANNUAL REPORT	<input type="checkbox"/> CONSOLIDATED FROM VSQG	<input type="checkbox"/> INFORMATION UPDATE	<input type="checkbox"/> SUBPART K	<input type="checkbox"/> EPISODIC GENERATION - UNPLANNED <i>MUST NOTIFY WITHIN 72 HRS OF EVENT</i>
				COMPLETE SECTION 7 "FACILITY COMMENTS" DATE TDEC NOTIFIED _____ DATE EGEN ENDED _____

1. HAZARDOUS WASTE STREAM DESCRIPTION AND PROCESS

1a WASTE STREAM NAME Spent Solvent		1b HOW IS (WAS) THIS WASTE GENERATED? Petroleum refining.			
1b1 SOURCE CODE G 0 7	1c REPORTING UNITS <input type="checkbox"/> kgs <input checked="" type="checkbox"/> lbs 3.00 DENSITY	1d GENERATION FREQUENCY <input checked="" type="checkbox"/> ONE TIME NON-RECURRING <input type="checkbox"/> REGULARLY <input type="checkbox"/> INTERMITTENTLY	1e STATUS <input type="checkbox"/> ACTIVE <input checked="" type="checkbox"/> CLOSED <input type="checkbox"/> RE-ACTIVATED	1f HAZARD CRITERIA <input type="checkbox"/> IGNITABLE <input type="checkbox"/> REACTIVE <input type="checkbox"/> CORROSIVE <input checked="" type="checkbox"/> LISTED <input type="checkbox"/> TOXICITY (TCLP)	
1g GENERATION START DATE 10/05/2022	1g GENERATION END DATE 11/18/2022	1g DATE CLAIMED AS HAZ SEC MATERIAL	1g DURATION - EPISODIC DAYS		

1h WASTE CODES - IN THIS ORDER: P,D,F,U,K F003, F005		1i RADIOACTIVE MIXED WASTE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	1j MONTHLY MAXIMUM GENERATED 1 lbs <input type="checkbox"/> kgs <input checked="" type="checkbox"/> lbs		
1k pH	1l FLASH POINT >200°F	1m BTU per POUND >5,000	1n REACTIVE CODES 3		
1o WASTE FORM CODE(S) - W CODES (UP TO THREE) W119		1p NAICS CODES - (UP TO TWO) 324110			
1q U.S. DOT SHIPPING NAME Peroxides, inorganic, n.o.s		1r U.S. DOT HAZARD CLASS 5.1	1s U.S. DOT ID CODE UN1483		

2. WASTE STREAM CONSTITUENTS

2a HAZARDOUS WASTE CONSTITUENT	2b LOWER VALUE	2c UPPER VALUE	2d PPM	% VOL	% WEIGHT
1 Xylene	0	100	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2 Benzene	0	100	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>

U.S. EPA ID NUMBER TNR000012345	BUSINESS NAME EcoHazard Inc.	WASTE STREAM # 4
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3. ANNUAL GENERATION AND HANDLING			
3a AMOUNT GENERATED	3b AMOUNT ONSITE JAN 1st	3c AMOUNT ONSITE DEC 31st	3d AMOUNT HANDLED
0.00 lbs	0.00 lbs	0.00 lbs	0.00 lbs

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

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
lbs		H
5b AMOUNT OF 3d HANDLED ONSITE	5b STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5b EPA MANAGEMENT METHOD
lbs		H
5c AMOUNT OF 3d HANDLED ONSITE	5c STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5c EPA MANAGEMENT METHOD
lbs		H
5d AMOUNT OF 3d HANDLED ONSITE	5d STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5d EPA MANAGEMENT METHOD
lbs		H

6. HAZARDOUS WASTE REDUCTION			
6a THIS YEAR RATIO	6b GOAL YEAR RATIO	6c GOAL YEAR	6d WASTE / TOXICITY REDUCTION EFFORT CODES
6e WASTE REDUCTION IMPEDIMENT CODES		6f CHANGE IN TOXICITY	
		<input type="checkbox"/> INCREASE <input type="checkbox"/> DECREASE <input checked="" type="checkbox"/> NO CHANGE	

6g NARRATIVE - EXPLAIN REPORTED DATA (IF APPLICABLE)

6h NARRATIVE - IF NO NUMERIC GOAL EXPLAIN WHY
 No waste was generated. Waste stream closed on 11/18/2022.

7. FACILITY COMMENTS
Example WSR: Closed WS

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



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

Example WSR: New WS

WSR
REPORT YEAR 2023
WASTE STREAM # NEW

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

U.S. EPA ID NUMBER TNR000012345	BUSINESS NAME EcoHazard Inc.
<input checked="" type="checkbox"/> NEW WASTE STREAM	<input type="checkbox"/> HAZARDOUS SECONDARY MATERIAL
<input checked="" type="checkbox"/> ANNUAL REPORT	<input type="checkbox"/> CONSOLIDATED FROM VSQG
<input type="checkbox"/> INFORMATION UPDATE	<input type="checkbox"/> SUBPART K
<input type="checkbox"/> EPISODIC GENERATION - PLANNED MUST NOTIFY 30 DAYS PRIOR TO EVENT	
<input type="checkbox"/> EPISODIC GENERATION - UNPLANNED MUST NOTIFY WITHIN 72 HRS OF EVENT	
COMPLETE SECTION 7 "FACILITY COMMENTS" DATE TDEC NOTIFIED _____ DATE EGEN ENDED _____	

1. HAZARDOUS WASTE STREAM DESCRIPTION AND PROCESS

1a WASTE STREAM NAME Fluorescent Light Tubes	1b HOW IS (WAS) THIS WASTE GENERATED? Expired Tubes
--	---

1b1 SOURCE CODE G 1 1	1c REPORTING UNITS <input type="checkbox"/> kgs <input checked="" type="checkbox"/> lbs 113.40 DENSITY	1d GENERATION FREQUENCY <input type="checkbox"/> ONE TIME NON-RECURRING <input checked="" type="checkbox"/> REGULARLY <input type="checkbox"/> INTERMITTENTLY	1e STATUS <input checked="" type="checkbox"/> ACTIVE <input type="checkbox"/> CLOSED <input type="checkbox"/> RE-ACTIVATED	1f HAZARD CRITERIA <input type="checkbox"/> IGNITABLE <input type="checkbox"/> REACTIVE <input type="checkbox"/> CORROSIVE <input type="checkbox"/> LISTED <input checked="" type="checkbox"/> TOXICITY (TCLP)
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1g GENERATION START DATE 05/19/2023	1g GENERATION END DATE	1g DATE CLAIMED AS HAZ SEC MATERIAL	1g DURATION - EPISODIC DAYS
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1h WASTE CODES - IN THIS ORDER: P,D,F,U,K D009	1i RADIOACTIVE MIXED WASTE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	1j MONTHLY MAXIMUM GENERATED 294.00 lbs <input type="checkbox"/> kgs <input checked="" type="checkbox"/> lbs
--	---	--

1k pH	1l FLASH POINT	1m BTU per POUND	1n REACTIVE CODES
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1o WASTE FORM CODE(S) - W CODES (UP TO THREE) W117	1p NAICS CODES - (UP TO TWO) 335132
--	---

1q U.S. DOT SHIPPING NAME Mercury	1r U.S. DOT HAZARD CLASS 8	1s U.S. DOT ID CODE UN2809
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2. WASTE STREAM CONSTITUENTS

2a HAZARDOUS WASTE CONSTITUENT	2b LOWER VALUE	2c UPPER VALUE	2d PPM	% VOL	% WEIGHT
1 Mercury	0	20	<input checked="" 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"/>

U.S. EPA ID NUMBER TNR000012345	BUSINESS NAME EcoHazard Inc.	WASTE STREAM # NEW
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3. ANNUAL GENERATION AND HANDLING				
3a AMOUNT GENERATED		3b AMOUNT ONSITE JAN 1st	3c AMOUNT ONSITE DEC 31st	3d AMOUNT HANDLED
294.00 lbs		0.00 lbs	0.00 lbs	294.00 lbs

4. OFFSITE SHIPPING			
4a TOTAL AMOUNT SHIPPED OFFSITE	4b STATE CODES: STORAGE & DISPOSAL / TREATMENT		4c EPA MANAGEMENT METHOD CODES
249.00 lbs	T87		H010

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
lbs		H
5b AMOUNT OF 3d HANDLED ONSITE	5b STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5b EPA MANAGEMENT METHOD
lbs		H
5c AMOUNT OF 3d HANDLED ONSITE	5c STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5c EPA MANAGEMENT METHOD
lbs		H
5d AMOUNT OF 3d HANDLED ONSITE	5d STATE CODES: TREATMENT, STORAGE, DISPOSAL, HANDLING	5d EPA MANAGEMENT METHOD
lbs		H

6. HAZARDOUS WASTE REDUCTION			
6a THIS YEAR RATIO	6b GOAL YEAR RATIO	6c GOAL YEAR	6d WASTE / TOXICITY REDUCTION EFFORT CODES
6e WASTE REDUCTION IMPEDIMENT CODES		6f CHANGE IN TOXICITY	
		<input type="checkbox"/> INCREASE <input type="checkbox"/> DECREASE <input checked="" type="checkbox"/> NO CHANGE	

6g NARRATIVE - EXPLAIN REPORTED DATA (IF APPLICABLE)

6h NARRATIVE - IF NO NUMERIC GOAL EXPLAIN WHY

New waste stream

7. FACILITY COMMENTS

Example WSR:
New WS

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



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

Example OSR Form

RESET ALL

RESET COLUMN 4

PRINT FORM

OSR	
PAGE	1 OF 1
YEAR	2023
REPORTING UNITS (USE SAME THROUGHOUT)	
<input type="checkbox"/> KG	<input checked="" type="checkbox"/> LBS

HAZARDOUS WASTE OFFSITE SHIPPING

US EPA ID NUMBER TNR000012345		BUSINESS NAME EcoHazard Inc.						
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	TSDR HANDLING CODES	EPA MANAGEMENT METHOD CODE
a 1	Waste Paint	D001, D004, D005	500.00 Lbs	1	MOD115825531	TXD055141378	S01, T50, T81	H141, H061
b 2	Sodium Hydroxide Solids	D002	425.00 Lbs	2	MAD039322250	ARD069748192	T21	H070
c 4	Fluorescent Light Tubes	D009	249.00 Lbs	1	MAD039322250	ARD069748192	T87	H010
d			0.00 Lbs					
e			0.00 Lbs					
f			0.00 Lbs					
g			0.00 Lbs					
h			0.00 Lbs					
i			0.00 Lbs					
j			0.00 Lbs					

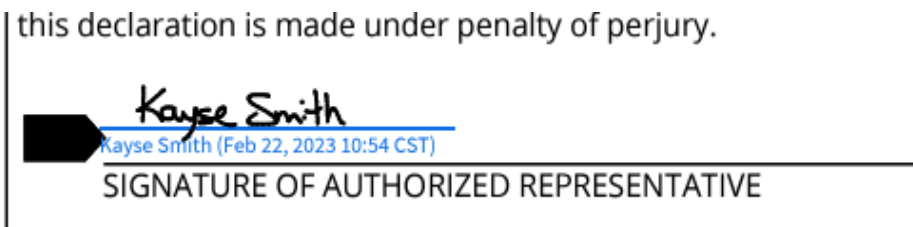
PAGE TOTAL ▶	TOTAL AMOUNT SHIPPED 1,174.00 Lbs	TOTAL SHIPMENTS 4	CERTIFICATION REQUIRED (Complete Form HN-CS Including Section 7)
	TOTAL AMOUNT SHIPPED 1,174.00 Lbs	TOTAL SHIPMENTS 4	

ENCRYPTED E-SIGNATURE EXAMPLES

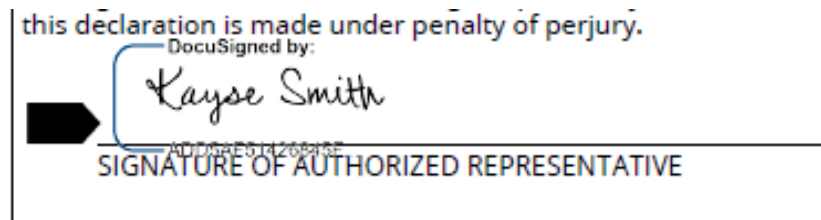
1. Adobe Digital Signature



2. [Adobe Sign](#)

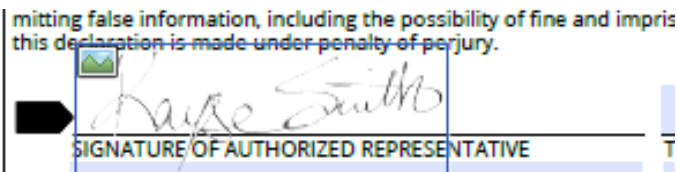


3. [DocuSign](#)



INVALID E-SIGNATURE EXAMPLES

1. Picture of your signature pasted in



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