

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

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

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

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ITEM	ITEM NAME	GUIDANCE
1n	REACTIVE CODES	Choose the reactive code for wastes that may be reactive from this list: 1 - Potentially releases hydrogen cyanide gas 2 - Potentially releases hydrogen sulfide 3 - Reacts violently with water 4 - Thermally unstable or shock sensitive 5 - A USDOT forbidden explosive 6 - A Class A or B USDOT explosive 7 - Reactive by presence of strong oxidants 8 - Reactive by presence of strong reductants 9 - Reactive by other RCRA criteria or other test/criteria
1o	WASTE FORM CODE	Look up W Waste Form Code on the "Code Listing for Hazardous Waste Form WSR (CN-0773)." This listing can be found at https://www.tn.gov/content/tn/environment/program-areas/solid-waste/hazardous-waste-management/hazardous-waste-and-used-oil-forms.html under the heading "Instructions." Click on the item entitled "Waste Codes."
1p	NAICS CODE	Enter the North American Industry Classification System (NAICS) code that best represents the end products or services for which this waste was generated. A complete list of 2017 NAICS Codes is available online at https://www.census.gov/naics/ .
1q	USDOT SHIPPING NAME	Give the name required by USDOT to be placed on manifests when the waste is shipped offsite.
1r	USDOT HAZARD CLASS	Enter the USDOT hazard class code as defined by the USDOT regulations - (check manifest) - See Chart Fig 1.
1s	USDOT ID CODE	Defined by U. S. Department of Transportation (USDOT) Regulations.
2	WASTE STREAM CONSTITUENTS	List the hazardous constituents in the waste and check the appropriate column for the units (percent by volume, percent by weight or parts per million (ppm)). For TCLP wastes (D004-D043), use ppm. If the EPA waste codes are F001-F005, specify the constituents before use concentrations in percentages in the upper and lower columns. If there is a single, precise concentration, report that information in the "lower" column.
3	ANNUAL GENERATION AND HANDLING	Record amounts of waste generated and handled during the specified report year. To ensure the numbers are correct, use the following formulas: $3a + 3b - 3c = 3d$ and $3d = 4a + 5a + 5b + 5c + 5d$.
3a	AMOUNT GENERATED	Accurately report the amount in kilograms or pounds of hazardous waste generated for this waste stream for the Report Year. Enter zero if no hazardous waste was generated during the reported year.
3b	AMT ONSITE JAN 1st	Enter amount in kilograms or pounds of hazardous waste in temporary storage or accumulation area(s) on January 1 of the Report Year. This should match Item 3c of the previous report year.
3c	AMT ONSITE DEC 31st	Enter amount in kilograms or pounds of hazardous waste in temporary storage and accumulation area(s) on December 31 of the Report Year.
3d	AMOUNT HANDLED	The amount handled is calculated using the following equations: $3a + 3b - 3c = 3d$ and $3d = 4a + 5a + 5b + 5c + 5d$.
4a	TOTAL AMOUNT SHIPPED OFFSITE	Enter the total amount of waste shipped offsite for the report year, which should match the amount reported as shipped offsite on the Offsite Shipping Report (Form OSR).
4b	STATE CODES: STORAGE AND FINAL DISPOSAL / TREATMENT	Enter at least one of the state TSDR Handling Codes/Waste Management Method Codes that describes the technique(s) used to handle the waste through final disposition in the Report Year. Use the state codes from the "Hazardous Waste Annual Report Code List." If an "other" code is used, provide the treatment/disposal method in item 7, facility comments. For example: T18 - high temperature metal recovery.
4c	EPA MANAGEMENT METHOD	Enter the management method code that best represents the techniques used to handle the waste through final disposition. These codes can be found in block 19 on the manifest, typically. If you know the treatment/disposal method, use the EPA codes from the "Hazardous Waste Annual Report Code List." If an "other" code is used, provide the treatment/disposal method in item 7, facility comments.
5	TSD PERMITTED STORAGE ONLY OR FACILITY'S ONSITE HANDLING or TREATMENT	5a - 5d - For onsite handling, use up to four blocks to represent different sets of handling procedures if necessary. TSDRs who placed hazardous wastes in permitted storage in previous years and who rehandled that waste onsite this Report Year should enter the rehandling on the TSDR Permitted Activity Report and not on this form.
6	HAZARDOUS WASTE REDUCTION	Refer to the instruction sheet titled "Item 6 of Waste Stream Report (Waste Reduction)."
7	FACILITY COMMENTS	Use this space to more fully explain information or data in ITEMS 1 through 5.

Fig. 1 HAZARD CLASSES AND LABELING REQUIREMENTS

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

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

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

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