



Guide for Dangerous Waste (DW) Generators in Washington State

Quick Reference Guide

Publication #98-1252 - HWTR

Revised November 2016

Dangerous Waste Regulations			
	Large Quantity Generator (LQG) Generates > 2,200 lbs/mo DW or < 2.2 lbs/mo of Acute Hazardous Waste (AHW) or WT01 (EHW)	Medium Quantity Generator (MQG) Generates 220-2,200 lbs/mo	Small Quantity Generator (SQG) Generates < 220 lbs/mo DW or < 2.2 lbs/mo of Acute Hazardous Waste (AHW) or WT01 (EHW)
Dangerous Waste Designation	Determine if waste is covered by regulations. WAC 173-303-070	Determine if waste is covered by regulations. WAC 173-303-070	Determine if waste is covered by regulations. WAC 173-303-070(8),070
Identification Number and Required Notices	File DW Site Identification Form to notify and obtain ID number. WAC 173-303-060,170	File DW Site Identification Form to notify and obtain ID number. WAC 173-303-060,170	Not required. WAC 173-303-070(8)
Labeling, Marking of Waste During Accumulation	Label with words "Hazardous Waste" or "Dangerous Waste," the accumulation start date, and the risks associated with the waste. WAC 173-303-200(1)(c),(1)(d)	Label with words "Hazardous Waste" or "Dangerous Waste," the accumulation start date, and the risks associated with the waste. WAC 173-303-200(1)(c),(1)(d)	Major risk labels required by L&I/DOSH and some local Health Departments. WAC 173-303-070(8)
Waste Generation Amount	More than 2,200 lbs/mo DW or more than 2.2 lbs/mo Acute Hazardous Waste (AHW) or WT01 (EHW). WAC 173-303-200	Between 220 lbs/mo and 2,200 lbs/mo. WAC 173-303-201	Less than 220 lbs/mo DW less than 2.2 lbs/mo AHW or WT01 (EHW). WAC 173-303-070(8)
Waste Accumulation Amount	No volume limit. WAC 173-303-200(1)	Not to exceed a total of 2,200 lbs. WAC 173-303-201(1),(2)	Not to exceed a total of 2,200 lbs. WAC 173-303-070(8)(a)
Accumulation Time Limit	90 days. WAC 173-303-200	180 days. WAC 173-303-201(2)(a)	No limit. WAC 173-303-070(8)
Satellite Accumulation Areas	55 gallons DW or 1 quart AHW. WAC 173-303-200(2)	55 gallons DW or 1 quart AHW. WAC 173-303-200(2)	Does not apply.
Accumulation Area and General Inspections	Must be scheduled, documented, and deficiencies corrected. WAC 173-303-200(1)	Must be scheduled, documented, and deficiencies corrected. WAC 173-303-201, 202	Not required. WAC 173-303-070(8)

To ask about available formats for the visually impaired please call the Hazardous Waste and Toxics Reduction Program at 360-407-6700. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

Dangerous Waste Regulations

	Large Quantity Generator (LQG) <small>Generates > 2,200 lbs/mo DW or > 2.2 lbs/mo of Acute Hazardous Waste (AHW) or WT01 (EHW)</small>	Medium Quantity Generator (MQG) <small>Generates 220-2,200 lbs/mo</small>	Small Quantity Generator (SQG) <small>Generates < 220 lbs/mo DW or < 2.2 lbs/mo of Acute Hazardous Waste (AHW) or WT01 (EHW)</small>
Personnel Training	<p>Required written plan.</p> <p>WAC 173-303-200(1)(e)</p>	<p>Familiarize employees with proper waste handling and emergency procedures. Also see Cont. Plan & Emergency Procedures below.</p> <p>WAC 173-303-201(2)(c)</p>	<p>Written plan not required by DW regulation, but Hazard Communications required by L&I/DOSH.</p> <p>WAC 173-303-070(8)</p>
Preparedness and Prevention	<ul style="list-style-type: none"> • Minimize fire, explosion, release. • Communication systems (internal and external), fire control. • Test/maintain communication and control equipment. • Access to communications or alarm system. • Adequate aisle space. • Arrangements with local authorities. <p>WAC 173-303-200(1)(e)</p>	<ul style="list-style-type: none"> • Minimize fire, explosion, release. • Communication systems (internal and external), fire control. • Test/maintain communication and control equipment. • Access to communications or alarm system. • Adequate aisle space. • Arrangements with local authorities. <p>WAC 173-303-200(1)(e)</p>	<p>Not required.</p> <p>WAC 173-303-070(8)</p>
Contingency Plan and Emergency Procedures	<ul style="list-style-type: none"> • Written plan. • Arrangements with local emergency response agencies (ER). • Emergency coordinator (EC) (phone, address). • Emergency equipment list. • Evacuation plan. • Plan distribution to police, fire departments, hospitals, and local agencies. • Plan must be amended if it fails in an emergency or there are changes in the facility, equipment, or personnel. • EC must respond. <p>WAC 173-303-200(1)(e)</p>	<ul style="list-style-type: none"> • Emergency coordinator (EC) onsite/on call. • Post: EC name and phone number. • Post: Location of fire extinguishers/spill control/fire alarm. • Post: Fire department phone. • Familiarize employees with proper waste handling and emergency procedures. • EC must respond. <p>WAC 173-303-201(2)(c)</p>	<p>Not required. Check L&I/DOSH.</p> <p>WAC 173-303-070(8)</p>
Additional Reporting for Emergencies	<p>Report spill, fire, explosion, release.</p> <p>WAC 173-303-145,200(1)(e)</p>	<p>Report spill, fire, explosion, release.</p> <p>WAC 173-303-145,201(2)(c)(iv)</p>	<p>Report spills if threat to human health and the environment.</p> <p>WAC 173-303-070(8)(b)(ii),145</p>

Dangerous Waste Regulations

	Large Quantity Generator (LQG) Generates > 2,200 lbs/mo DW or > 2.2 lbs/mo of Acute Hazardous Waste (AHW) or WT01 (EHW)	Medium Quantity Generator (MQG) Generates 220-2,200 lbs/mo	Small Quantity Generator (SQG) Generates < 220 lbs/mo DW or < 2.2 lbs/mo of Acute Hazardous Waste (AHW) or WT01 (EHW)
Waste Containers	<ul style="list-style-type: none"> • Good condition. • Non-leaking. • Compatible with waste. • Closed/protected. • 30” aisle space. • Response to spills. • Leaks, emergencies. • Inspect containers at least once every seven days. • Ignitable, reactive, incompatible waste. • Containment system. <p>WAC 173-303-200(1)(b), 200(1)(b)(i)</p>	<ul style="list-style-type: none"> • Good condition. • Non-leaking. • Compatible with waste. • Closed/protected. • 30” aisle space. • Response to spills. • Leaks, emergencies. • Inspect containers at least once every seven days. • Ignitable, reactive, incompatible waste. • Containment system. <p>WAC 173-303-200(1)(b), 200(1)(b)(i)</p>	Manage waste in way that does not pose a threat. Local regulations may apply. WAC 173-303-070(8)
Waste Tanks	<ul style="list-style-type: none"> • Assessment. • Design, installation. • Containment, release, direction. • Operating requirements. • Daily inspections. • Response to spills, leaks. • Closure, post closure. • Ignitable, reactive, incompatible waste. <p>WAC 173-303-200(1)(b), 200(1)(b)(i)</p>	<ul style="list-style-type: none"> • Operating requirements. • Daily/weekly inspections. • Closure, post closure. • Ignitable, reactive, incompatible waste. • Freeboard requirement. • Ignitable, reactive, incompatible waste. <p>WAC 173-303-202</p>	Local regulations may apply. WAC 173-303-070(8)
Disposal of Dangerous Waste	Ship to permitted TSD or DW recycler. Uniform Manifest Form required. WAC 173-303-200(1)(a)	Ship to permitted TSD or DW recycler. Uniform Manifest Form required. WAC 173-303-200(1)(a)	Treat on-site or ship off-site to: permitted TSD, permitted moderate risk waste facility, legitimate recycler, or other permitted solid waste facility. WAC 173-303-070(8)
Packaging, Labeling, Marking for Transport	Package, label and mark per USDOT (49 CFR). WAC 173-303-190(1),(2),(3), (5),(6)	Package, label and mark per USDOT (49 CFR). WAC 173-303-190(1),(2),(3), (5),(6)	Refer to DOT Regulations. WAC 173-303-070(8)
Placarding for Transport	Must offer placard. WAC 173-303-190(4)	Must offer placard. WAC 173-303-190(4)	Refer to DOT Regulations. WAC 173-303-070(8)
Manifest	Use for shipments off-site. WAC 173-303-180	Use for shipments off-site. WAC 173-303-180	Not required – only bill of lading. WAC 173-303-070(8)

Dangerous Waste Regulations

	Large Quantity Generator (LQG) Generates > 2,200 lbs/mo DW or < 2.2 lbs/mo of Acute Hazardous Waste (AHW) or WT01 (EHW)	Medium Quantity Generator (MQG) Generates 220-2,200 lbs/mo	Small Quantity Generator (SQG) Generates < 220 lbs/mo DW or < 2.2 lbs/mo of Acute Hazardous Waste (AHW) or WT01 (EHW)
Annual Reporting	File every year. WAC 173-303-220(1), 170(2)	File every year. WAC 173-303-220(1), 170(2)	File every year, if have ID#. Site Identification form only. WAC 173-303-070(8)(b)(iv)
Exception Reporting	45 days: if no signed manifest from TSD returned. WAC 173-303-220(2)	45 days: if no signed manifest from TSD returned. WAC 173-303-220(2)	Not required. WAC 173-303-070(8)
Recordkeeping	5 years: manifests 5 years: annual reports, exception reports, test results. WAC 173-303-210(1),(2),(3)(a)	5 years: manifests 5 years: annual reports, exception reports, test results. WAC 173-303-210(1),(2),(3)(a)	Not required, but encouraged. WAC 173-303-070(8)
Waste Minimization	<ul style="list-style-type: none"> • For generators > 2,640 lbs/yr: plan to minimize waste required. • Written plan and program in place to minimize hazardous waste volume, toxicity. • Submit executive summary to WDOE. • 5 year updates. WAC 173-307	<ul style="list-style-type: none"> • Good faith effort to minimize waste and selected best waste management method. • For generators > 2,640 lbs/yr: Plan to minimize waste required. • Submit executive summary to WDOE. • 5 year updates. WAC 173-307	Not required.
Recycled, Reclaimed, Recovered Waste	Depending on the circumstances, recycled used oil, recycled car batteries, other recycled wastes partially or fully exempt. WAC 173-303-120,500-525	Depending on the circumstances, recycled used oil, recycled car batteries, other recycled wastes partially or fully exempt. WAC 173-303-120,500-525	Depending on the circumstances, recycled used oil, recycled used batteries, other recycled wastes partially or fully exempt. WAC 173-303-120,500-525
Regulating Agency	Ecology	Ecology	Ecology/County Health District
Universal Waste	Standards for universal waste management (batteries, mercury-containing equipment, and lamps). WAC 173-303-573	Standards for universal waste management (batteries, mercury-containing equipment, and lamps). WAC 173-303-573	Standards for universal waste management (batteries, mercury-containing equipment, and lamps). WAC 173-303-573

This Quick Reference Guide summarizes the requirements for each generator status under the *Dangerous Waste Regulations* (Chapter 173-303 WAC), but does not replace them. Always refer to the regulations for details or call a hazardous waste specialist at your nearest Ecology Regional Office.

Central Regional Office 509-575-2490

Northwest Regional Office 425-649-7000

Eastern Regional Office 509-329-3400

Southwest Regional Office 360-407-6300