



MODERATE RISK WASTE FACILITY
 Checklist for Review of Solid Waste Permit Application
 per WAC 173-350-360

Name of Applicant:		Name of Facility:		
Permit # assigned by Health Department:		Date Received:		
Lead Agency Reviewer Name: Phone: Signature:		Determination of Compliance with: The Site or Facility: <input type="checkbox"/> meets all solid waste, air and other applicable laws and regulations <input type="checkbox"/> conforms with the approved comprehensive solid waste handling plan <input type="checkbox"/> complies with zoning requirements (JHD only)		
<input type="checkbox"/> Location requirements WAC 173-350-360(4)				
	Location of material	Complete	Meets Requirements	Date & Initials of Reviewer
There are no specific location standards for moderate risk waste facilities subject to this chapter; however moderate risk waste facilities must meet the requirements provided under WAC 173-350-040(5).		<input type="checkbox"/>	<input type="checkbox"/>	
Agency Comments:				
<input type="checkbox"/> Design Standards WAC 173-350-360(5)				
	Location of material	Complete	Meets Requirements	Date & Initials of Reviewer
For Moderate Risk Waste Facility (5)(a):				
Surrounded by a fence, walls, or natural features and provided with a lockable door or gate to control public and animal access (5)(a)(i)		<input type="checkbox"/>	<input type="checkbox"/>	
Constructed of materials that are chemically compatible with the MRW handled (5)(a)(ii)		<input type="checkbox"/>	<input type="checkbox"/>	
Secondary containment is provided to capture and contain releases and spills, and facilitate timely cleanup in areas where MRW is handled. All secondary containment shall (5)(a)(iii):		<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> Have sufficient capacity to: 				
Contain ten percent of volume of all containers or tanks holding liquid or the total volume of the largest container holding liquids in the area, whichever is greater		<input type="checkbox"/>	<input type="checkbox"/>	

Ecology is an Equal Opportunity Employer.

Provide additional capacity to hold the precipitation from a twenty-five-year storm as defined in WAC 173-350-100, in uncovered areas		<input type="checkbox"/>	<input type="checkbox"/>	
Provide additional capacity to hold twenty minutes of flow from an automatic fire suppression system, where such a suppression system exists		<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> Be segregated for incompatible wastes 		<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> Have a base underlying the containers which is free of cracks or gaps and is sufficiently impervious to contain leaks, spills, accumulated precipitation, or fire suppression water until the collected material is detected and removed. The base shall be sloped or the containment system shall otherwise be designed and operated to drain and remove liquids resulting from leaks, spills, precipitation, or fire suppression unless the containers are elevated or are otherwise protected from contact with accumulated liquids 		<input type="checkbox"/>	<input type="checkbox"/>	
Accessible by all-weather roads (5)(a)(iv)		<input type="checkbox"/>	<input type="checkbox"/>	
Prevent run-on and control runoff from a twenty-five-year storm, as defined in WAC 173-350-100 (5)(a)(v)		<input type="checkbox"/>	<input type="checkbox"/>	
Provide a sign at the site entrance that identifies the facility and shows at least the name of the site, and if applicable, hours during which the site is open for public use, and acceptable materials (5)(a)(vi)		<input type="checkbox"/>	<input type="checkbox"/>	
Provide sufficient ventilation to remove toxic vapors and dust from the breathing zone of workers and prevent the accumulation of flammable or combustible gases or fumes that could present a risk of fire or explosion (5)(a)(vii)		<input type="checkbox"/>	<input type="checkbox"/>	
Be constructed with explosion-proof electrical wiring, fixtures, lights, motors, switches and other electrical components as required by local fire code or the department of labor and industries (5)(a)(viii)		<input type="checkbox"/>	<input type="checkbox"/>	
Provide electrical grounding in areas where flammable and combustible liquids are consolidated to allow for bonding to consolidation equipment (5)(a)(ix)		<input type="checkbox"/>	<input type="checkbox"/>	
Provide protection of the MRW handling areas from wind, rain or snow (5)(a)(x)		<input type="checkbox"/>	<input type="checkbox"/>	
For tanks used to store or treat MRW (6)(b):				
Tanks and ancillary equipment tested for tightness using a method acceptable to the jurisdictional health department prior to being covered, enclosed or placed in use. If a tank is found not to be tight, all repairs necessary to remedy the leak(s) in the system shall be performed and verified to the satisfaction of the JHD prior to the tank being covered or placed in use (5)(b)(i)		<input type="checkbox"/>	<input type="checkbox"/>	

Below ground tanks designed to resist buoyant forces in areas of high ground water and shall either be (5)(b)(ii):		<input type="checkbox"/>	<input type="checkbox"/>	
• Retested for tightness at a minimum of once every two years; or		<input type="checkbox"/>	<input type="checkbox"/>	
• Equipped with a leak detection system capable of detecting a release from the tank		<input type="checkbox"/>	<input type="checkbox"/>	
For tanks or components in which the external shell of a metal tank or any metal component will be in contact with the soil or water, a determination shall be made by a corrosion expert of the type and degree of external corrosion protection that is needed to ensure the integrity of the tank during its operating life. This determination shall be included with design information submitted with the permit application (5)(b)(iii)		<input type="checkbox"/>	<input type="checkbox"/>	
Areas used to load or unload tanks designed to contain spills, drippage and accidental releases during loading and unloading of vessels (5)(b)(iv)		<input type="checkbox"/>	<input type="checkbox"/>	
Tanks and piping protected from impact by vehicles or equipment through use of curbing, grade separation, bollards or other appropriate means (5)(b)(v)		<input type="checkbox"/>	<input type="checkbox"/>	
Tanks structurally suited for the proposed use (5)(b)(vi)		<input type="checkbox"/>	<input type="checkbox"/>	
Tanks, valves, fittings and ancillary piping protected from failure caused by freezing (5)(b)(vii)		<input type="checkbox"/>	<input type="checkbox"/>	
Prefabricated structures with concealed construction meet the requirements of chapter 296-150F WAC, Factory-built housing and commercial structures, administered by the department of labor and industries (5)(c)		<input type="checkbox"/>	<input type="checkbox"/>	
Agency Comments:				
<input type="checkbox"/> Plan of operations <i>WAC 173-350-360(6)(e)</i>	Location of material	Complete	Meets Requirements	Date & Initials of Reviewer)
A description of the types of solid wastes to be handled at the facility (6)(e)(i)		<input type="checkbox"/>	<input type="checkbox"/>	
A description of how MRW will be handled on-site during the active life of the facility including (6)(e)(ii):		<input type="checkbox"/>	<input type="checkbox"/>	
• Methods for managing and/or identifying unknown wastes		<input type="checkbox"/>	<input type="checkbox"/>	
• Procedures for managing wastes that arrive in corroded or leaking containers or when MRW is left at the gate when the facility is unattended		<input type="checkbox"/>	<input type="checkbox"/>	
• Protocol for sorting, processing and packaging MRW		<input type="checkbox"/>	<input type="checkbox"/>	

Ecology is an Equal Opportunity Employer.

<ul style="list-style-type: none"> Procedures to protect containers of MRW susceptible to damage from weather and temperature extremes 		<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> Maximum quantities of MRW to be safely stored in each area at any time 		<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> Waste acceptance protocol to preclude and redirect fully regulated dangerous waste and any unacceptable waste types, such as explosives and/or radioactives 		<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> For facilities that offer material exchanges, a procedure for determining what MRW is suitable for exchange and how the materials exchange will be operated 		<input type="checkbox"/>	<input type="checkbox"/>	
Describes how equipment, structures and other systems are to be inspected and maintained, including the frequency of inspection and inspection logs (6)(e)(iii)		<input type="checkbox"/>	<input type="checkbox"/>	
Safety and emergency plans including (6)(e)(iv):		<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> A list of all on-site emergency equipment with its capability, purpose, and training requirements 		<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> A description of actions to take if leaks in containers, tanks, or containment structures are suspected or detected and for other releases (e.g., failure of runoff containment system, gases generated due to chemical reactions or rapid volatilization) 		<input type="checkbox"/>	<input type="checkbox"/>	
Forms used to record volumes or weights (6)(e)(v)		<input type="checkbox"/>	<input type="checkbox"/>	
Other such details to demonstrate that the facility will be operated in accordance with subsection 4 and as required by the JHD (6)(e)(vi)		<input type="checkbox"/>	<input type="checkbox"/>	
Agency Comments:				
<input type="checkbox"/> Ground Water Monitoring Requirements <i>WAC 173-350-360(7)</i>	Location of material	Complete	Meets Requirements	Date & Initials of Reviewer)
There are no specific ground water monitoring requirements for MRW facilities subject to this chapter; however, moderate risk waste facilities must meet the requirements provided under WAC 173-350-040(5)		<input type="checkbox"/>	<input type="checkbox"/>	
Agency Comments:				
<input type="checkbox"/> Closure plan <i>WAC 173-350-360(8)(d)</i>	Location of material	Complete	Meets Requirements	Date & Initials of Reviewer)

A description of the activities and procedures that will be used to ensure compliance with WAC 173-350-360(8)		<input type="checkbox"/>	<input type="checkbox"/>	
An estimate of the maximum volume of MRW on-site at any time during the active life of the facility		<input type="checkbox"/>	<input type="checkbox"/>	
Closure cost estimates and projected fund withdrawal intervals from the financial assurance instrument, if such an instrument is required by WAC 173-350-360(9)		<input type="checkbox"/>	<input type="checkbox"/>	
Agency Comments:				
<input type="checkbox"/> Financial Assurance Requirements WAC 173-350-360(9)	Location of material	Complete	Meets Requirements	Date & Initials of Reviewer)
The owner or operator of any fixed moderate risk waste facility that stores more than five hundred fifty gallons of MRW on-site, is required to establish financial assurance in accordance with WAC 173-350-600 NA <input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Proof of financial assurance shall be provided to the JHD prior to the acceptance of any MRW. The financial assurance instrument shall provide sufficient funds to guarantee that all closure requirements are met. In the event that hazardous substances are released to the environment and site remediation is necessary, additional financial assurance shall be provided in order that site remediation can be accomplished		<input type="checkbox"/>	<input type="checkbox"/>	
Nothing in this section shall prevent an owner or operator from including the cost of MRW facility financial assurance in an instrument established for a colocated permitted solid waste facility so long as there are adequate funds available for both closure activities and the instrument identifies the commitment of funds for both activities		<input type="checkbox"/>	<input type="checkbox"/>	
Agency Comments:				