



## Removing Waste Safely



It is important to know what wastes your business generates, and where each waste should go, to minimize risk to your business and employees as well as to prevent pollution. Never dump waste into storm drains, streams, drywells, or on soil. Safe removal practices for hazardous waste include:

### Recycling

Many types of wastes can be recycled and then reused. These include: antifreeze, oil, batteries, crushed oil filters and other scrap metal, solvents, tires, freon, petroleum-contaminated wastewater (see sidebar for vehicle washwater), and cardboard. Crude oil-based waste fluids can be mixed together, such as engine oil, transmission fluid, hydraulic fluid, gear lube oils, metal working oils, and differential oils. Other than oil, do not mix any other waste fluids. Mixed fluids need to be handled as hazardous waste, which increases disposal cost.

For more information, contact Metro at 503-234-3000 or the Department of Environmental Quality (DEQ) at 503-667-8414, or read more at <http://www.oregonmetro.gov/index.cfm/go/by.web/id=537>.

### Vehicle and Equipment Wash Water

Vehicle and equipment washing can pollute water with detergents, degreasing chemicals, oils, and heavy metals. To manage wash water disposal, you may:

- Create an on-site wash area equipped with a pretreatment device with approved discharge to the sanitary sewer.
- Install a wash water recycling system.
- Use a commercial washing facility.
- Hire a mobile washer that collects wash water and disposes of it at an approved discharge location.
- Obtain a wash water permit (1700-B) from DEQ to dispose of wash water to the ground.
- Rinse less than 8 vehicles per week using only cold water, vehicle exteriors only. Do not use chemicals, soaps, steam, or hot water.



Improper washing 

### Stormwater Pollution Prevention Program for Automotive Businesses

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More information about actions to wash vehicles on-site can be found at: <http://www.deq.state.or.us/wq/wqpermit/docs/general/wpcf1700b/bmp.pdf>

## Hazardous waste disposal

### How do I know if a waste is hazardous?

Every business must determine whether it produces hazardous waste as defined by the U.S. Environmental Protection Agency (EPA). This includes anything that is ignitable, corrosive, reactive with water, toxic, or other EPA listed wastes.

Examples of hazardous wastes include: parts washer solvents; paint waste, basecoats and primers; acid cleaners; battery acid; antifreeze recycling waste and filters; floor drain sludge; fertilizer; pesticides; and disposable spill cleanup materials. Also, mixed recyclable waste is considered hazardous waste.

If you are still unsure about whether or not your waste is hazardous, the Material Safety Data Sheet (MSDS) for a product

may contain information about its status and what to do if you are exposed to it. DEQ also has free training classes on hazardous waste management; call 503-229-5263 for information.

### How do I transport waste safely?

You are responsible for the safe transportation and disposal of the hazardous waste produced by your business. You can hire a transporter that has an EPA/DEQ Identification Number. Call DEQ at 1-800-452-4100 to find out about approved transporters and facilities. If you are a Conditionally Exempt Generator (CEG), you can follow Department of Transportation requirements and transport your own waste to an approved facility. If you register as a CEG, you can use Metro's CEG household hazardous waste facilities in NW Portland and Oregon City. Call Metro at 503-234-3000 for more information.



Batteries for recycling



Keep chemicals separate



Oil for recycling

## More Waste Removal BMPs...

Best Management Practice (BMP)	Approximate Cost - = No Cost \$ = <\$100 \$\$ = \$100-250 \$\$\$ = >\$250	Ease of Application 1 = Easy 2 = Moderate 3 = Difficult	Maintenance Needed?
<input type="checkbox"/> Reduce waste - Use less and reuse when possible	-	1	No
<input type="checkbox"/> Hire contractors - Specialty companies can transport and recycle most wastes for you	\$-\$\$	1	No
<input type="checkbox"/> Wash reusable rags - Have cloth shop rags professionally cleaned	\$	1	No
<input type="checkbox"/> Use commercial car wash facilities	\$	1	No
<input type="checkbox"/> Build an on-site wash area - Collect, treat, and discharge treated water to sanitary sewer drains, using:			
• Portable wash mat - Use under vehicles, mat holds water; treat water separately	\$\$	1	No
• Wash water vacuum - Treat water separately	\$\$\$	2	Yes
• Portable filters - Discharge to sanitary	\$\$\$	2	Yes
• Oil water separator - Discharge to sanitary	\$\$\$-\$\$\$\$	2	Yes
• Vacuum and treat - Dual purpose units	\$\$\$	2	Yes
• Dead-end catch basin or sump collects and filtration unit treats - Automatically discharges to sanitary	\$\$\$\$	3	Yes