

## Storage of Scrap and Recycling Materials (Including Auto Recycling Facilities)

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This activity applies to you if you salvage and store scrap metal, scrap equipment, junked appliances and vehicles, empty metal drums, and recyclable items such as cans, bottles, plastic and paper products for longer than two weeks (unless material is rotated and storage is essentially continuous). Stormwater runoff from these sites may contain toxic hydrocarbons, polychlorinated biphenyls (PCBs), other toxic compounds, metals, oils and greases, and suspended solids.

### **MINIMUM REQUIREMENTS**

**The following BMPs, or equivalent measures, methods, or practices are required if you are engaged in storage of scrap and recycling materials:**

**1**

Designate an area to drain gasoline, engine fluids, and other contaminated liquids from scrapped items. Dispose and store waste properly, or preferably recycle it, before the items are placed in the scrap storage area. Drain and transfer fluids from vehicles and other equipment to storage containers only in designated areas located on impervious surfaces (preferably Portland cement concrete) or over drip pans. All containers used to store fluids must comply with Activity Sheets A-2 and A-3 regarding secondary containment. Storage of gasoline must comply with the appropriate Fire Codes.

Contain the designated draining and dismantling area to prevent stormwater from entering the area and carrying pollutants to surface or ground water or drainage systems. Dismantling areas must be covered with roofs and/or tarps to prevent rainwater contact.

☞ See BMP Info Sheet 5 in Chapter 5 for information on containment and runoff prevention and BMP Info Sheet 3 for information on covering options.

**2**

Check incoming scrap materials, vehicles and equipment for potential fluid contents and batteries. Always use the designated fluid draining/dismantling area.

**3**

Remove batteries and store batteries in enclosed containers with neutralizing agents such as baking soda in case of battery breaks and/or acid leaks.

4

All scrap metal and materials that may contaminate stormwater runoff must be covered and raised off the ground to prevent stormwater from contacting the material. A tarp and a pallet are acceptable. Keep dumpsters used for scrap closed to keep out rainwater.

5

Cover or enclose stockpiles of crushed containers, crushed glass, recycled plastic, and any other material that has the potential to contaminate stormwater runoff. Stockpiled materials or leachate must not enter the storm drainage system.

6

Required Routine Maintenance:

- Inspect the storage area regularly to check for contamination from stockpiles or containers. Promptly clean up any leaks, spills, or contamination in the storage area.
- Sweep paved open areas of the scrap storage area as needed. Collect and properly dispose of loose scrap and other particulates. Do not hose down the area to a storm drain.
- Store and maintain appropriate spill cleanup materials in a location known to all. Ensure that employees are familiar with the site's spill control plan and/or proper spill cleanup procedures.

7

If you are involved in transporting any of these materials you must (1) carry spill cleanup material in the vehicle to capture any spilled liquids, or (2) place an impermeable liner in the bed of your truck to capture any spilled or leaked materials. Properly dispose of or reuse any collected fluids.

### **ADDITIONAL BMPS**

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**The following BMPs are optional unless the above minimum required BMPs do not provide adequate source control:**

A catch basin insert, configured for debris and oil/grease removal, may remove some of the pollutants in runoff from this activity. Catch basin inserts require frequent maintenance to be effective. The absorbent materials for oil and grease removal must be monitored and replaced regularly to ensure they perform as intended. Carefully consider this when evaluating your options.

☞ See BMP Info Sheet 10 in Chapter 5 for more information.

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For more information or assistance in implementing these best management practices, contact the King County Department of Natural Resources and Parks Water and Land Resources Division at 206-296-1900.

Reader Note: The above requirements are the minimum required BMPs. If these BMPs fail to prevent discharges to the storm drainage system, you will be asked to take additional measures to correct the continued pollution discharges.