

Stormwater: Category 7 BMPs – Outdoor Container Storage of Liquids

Department: Environmental Protection

Program: Stormwater

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Category 7 best management practices (BMPs) prevent or minimize releases of liquid products or waste from tanks, containers, and drums that are stored outdoors.

BMPs

- 7.1 Protect materials from rainfall, run-on, runoff, and wind dispersal by using one or more of the following practices (where practical):
 - Store material indoors.
 - Cover outdoor containers with a tarp or outdoor storage areas with a roof.
 - Minimize stormwater run-on by enclosing the area with a berm or similar engineering control.
- 7.2 Meet SLAC standards for storage of oil, hazardous material, and waste. (See chapters 17, “Hazardous Waste”,¹ and 40, “Hazardous Materials”.²) These include ensuring the availability of
 - Secondary containment
 - Proper segregation
 - Inspections
 - Spill kits
 - Contingency plans
 - Employee training
- 7.3 Provide secondary containment for oil products and liquid hazardous material and waste containers.
- 7.4 Provide training in spill response procedures for personnel who handle hazardous materials.
- 7.5 Regularly remove and properly dispose of water that collects in secondary containment.
- 7.6 Place roof downspouts to direct water away from storage areas.

*Note For a complete list of all BMP categories, see Stormwater: Best Management Practices Index.*³

1 SLAC Environment, Safety, and Health Manual (SLAC-I-720-0A29Z-001), Chapter 17, “Hazardous Waste”, http://www-group.slac.stanford.edu/esh/environment/hazardous_waste/policies.htm

2 SLAC Environment, Safety, and Health Manual (SLAC-I-720-0A29Z-001), Chapter 40, “Hazardous Materials”, http://www-group.slac.stanford.edu/esh/hazardous_substances/haz_materials/policies.htm

3 Stormwater: Best Management Practices Index (SLAC-I-750-0A16V-001), <http://www-group.slac.stanford.edu/esh/eshmanual/references/stormIndexBMP.pdf>