

Stormwater: Category 5 BMPs – Vehicle and Equipment Maintenance and Repair

Department: Environmental Protection

Program: Stormwater

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Category 5 best management practices (BMPs) prevent or reduce the amount of pollutants entering the storm drain system from vehicle and equipment maintenance and repair operations.

BMPs

- 5.1 Prohibit discharge of any wastewaters to the ground and storm drains. Do not pour material down drains or hose down work areas; use dry sweeping or mopping.
- 5.2 Prevent excessive build-up of oils and grease on equipment.
- 5.3 Perform equipment and vehicle maintenance only in designated areas. Use drip pans under equipment.
- 5.4 Routinely inspect vehicles and equipment for leaks. Inspect all vehicles entering the vehicle service area.
- 5.5 Use secondary containment for hazardous liquid products and liquid wastes.
- 5.6 Maintenance of personal vehicles on-site is prohibited.
- 5.7 Clean small spills with rags or absorbent and use damp mops for general cleanup. Manage the generated waste as appropriate. Consult the Waste Management Group (WM) if you are not sure what to do with the waste product.
- 5.8 In the event of any spill or release, refer to Chapter 16, “Spills”.¹⁾
- 5.9 Provide spill response training for personnel who handle hazardous materials.
- 5.10 Use non-toxic solvents whenever feasible.
- 5.11 Completely drain and crush oil filters before recycling.
- 5.12 Clean maintenance area storm-drain grates and catch basins regularly.
- 5.13 Collect and properly manage used grease, oil, oil filters, antifreeze, cleaning solutions, automotive batteries, hydraulic and transmission fluids, and tires. (See Chapter 17, “Hazardous Waste”.²⁾

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 16, “Spills”, <http://www-group.slac.stanford.edu/esh/environment/spills/policies.htm>

2 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

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