NATIONAL ACCELERATOR LABORATORY

ENVIRONMENT, SAFETY & HEALTH DIVISION

Chapter 26: Stormwater

Category 6 BMPs – Transportation and Outdoor Loading / Unloading of Material

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Category 6 *best management practices (BMPs)* help prevent or reduce the amount of pollutants entering the storm drain due to material transportation and outdoor loading and unloading. (For activities to which these and other BMP categories apply, see Stormwater: Best Management Practices Index.)

Best Management Practices

6.1 Reduce exposure of potentially polluting material to rain by loading/unloading under a roof or by covering material with tarps or plastic sheets.

6.2 Comply with forklift training requirements. (See Chapter 48, "Industrial Trucks".)

6.3 Park forklifts under a roof when not being used.

6.4 Comply with Department of Transportation (DOT) packaging requirements for off-site transportation of hazardous materials and hazardous waste. (See Chapter 52, "Hazardous Material and Waste Transportation".)

6.5 Determine and use specified transport routes.

6.6 Provide required training for personnel who handle hazardous materials and who generate hazardous waste. (See Chapter 17, "Hazardous Waste" and Chapter 40, "Chemical Lifecycle Management".)

6.7 Protect storm drains by redirecting or filtering flow, placing absorbent material as needed, covering storm drains, or using available shut-off valves.

6.8 Clean up minor spills immediately. Maintain good housekeeping practices. (See Chapter 16, "Spills".)

6.9 Ensure loading and tie-down requirements are met.

6.10 Equip loading/unloading areas and hazardous material and waste transportation vehicles with spill kits appropriate to the material handled.

6.11 Park tank trucks or delivery vehicles away from unprotected storm drains or manholes, or provide temporary storm drain protection.

6.12 Retrofit or equip (by grading or berming) major loading and unloading areas to prevent storm water run-on.

6.13 Place roof down-spouts to direct water away from loading and unloading areas.

6.14 The person who signs for the delivery is responsible for inspecting for spills, leaks, and debris before the truck leaves.

6.15 Have an agreed upon procedure outlining whose responsibility (outside subcontractor or SLAC) it is for cleaning up after unloading or before departing with a full load.

References

SLAC Environment, Safety, and Health Manual (SLAC-I-720-0A29Z-001)

- Chapter 26, "Stormwater"
  - Stormwater: Best Management Practices Index (SLAC-I-750-0A16V-001)
- Chapter 16, "Spills"
- Chapter 17, "Hazardous Waste"
- Chapter 40, "Chemical Lifecycle Management"
- Chapter 48, "Industrial Trucks"
- Chapter 52, "Hazardous Material and Waste Transportation"

Other SLAC Documents

- Water Resources