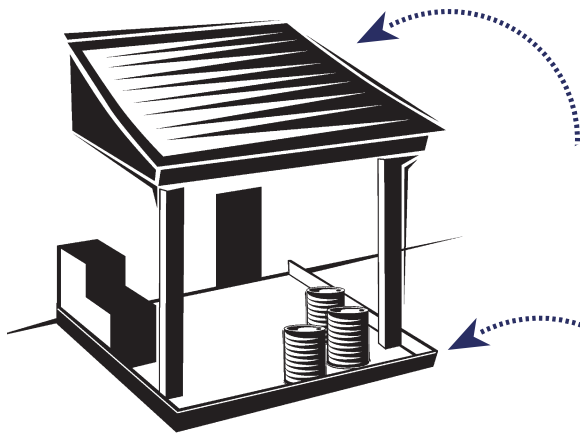


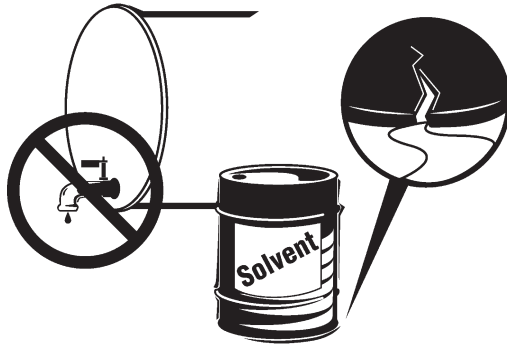
# Manufacturing Facilities

## BEST MANAGEMENT PRACTICES



Store materials and waste inside or in covered, bermed areas.

Almacene materiales y desperdicios en interiores, o en áreas cubiertas o rodeadas de un arcén.



Inspect storage areas and equipment for leaks and corrosion, and repair promptly.

Inspeccione las áreas de almacenamiento y el equipo en busca de goteras y corrosión, y repárelo con prontitud.

## How to Prevent Stormwater Pollution at a Manufacturing Facilities



Immediately clean up spills using dry methods.

Limpie cualquier reguero inmediatamente con materiales secos.



Use catch buckets, drop cloths, and other spill prevention measures where liquid materials are loaded/unloaded, stored or used.

Al cargar o descargar, almacenar y tratar materiales líquidos, emplee cubos, trapos y otras medidas de prevención de goteras.

# BMPs

## How to Prevent Stormwater Pollution at a Manufacturing Facilities

### BEST MANAGEMENT PRACTICES

#### ■ Outdoor Unloading and Loading

Only load and unload materials in designated areas. If possible, cover and contain the area or perform loading activities indoors. Pave the contained areas and consider installing a dead-end sump to allow easy cleanup of spilled materials.

Avoid loading or unloading materials in the rain. Close storm drains in the areas surrounding the delivery area during loading/unloading activities.

Regularly inspect the unloading/loading areas to detect problems before they occur. Inspect all containers for leaks, cracks, and proper labeling prior to loading/unloading any raw or spent materials.

#### ■ Outdoor Material and Waste Storage

Store all materials and waste inside if possible. If stored outside, confine storage to designated areas. Cover with a roof or tarp and use curbing, berming, or diking to contain the areas. Pave the contained areas to allow easy cleanup of spilled materials. Line wood storage areas with crushed rock, gravel or porous pavement to allow infiltration.

Using ditches, swales, berms, and/or grading, divert stormwater around material and waste storage, handling and processing areas where it can contact stored or spilled material.

Store materials on concrete pads in labeled containers to allow for recycling and cleanup of spills and leaks. Store wastes in covered, leak proof containers (e.g., dumpsters, drums). Ensure containers are closed (e.g., valves shut, lids sealed, caps closed). Regularly test integrity of containers and inspect them for leaks. Wash and rinse containers indoors before storing them outdoors.

#### ■ Facility Operations

Develop and implement spill control plans for loading, storage and handling areas. Use catch buckets, drop cloths, and other spill prevention measures where liquid materials are loaded/unloaded, stored or used. Place drip pans under hoses. Use dry clean-up methods instead of washing down the area.

Maintain an inventory of all raw and spent materials. Schedule regular pick up for disposal and recycling of wastes. Ensure hazardous waste disposal is performed according to Federal, State, and local requirements. Properly dispose of waste materials from dust collection systems and other operations.

Use dust collection systems (i.e., baghouses) to collect airborne particles generated from material handling operations or aggregate drying. Place tubs around vents and stacks to collect particulates. Regularly inspect and repair air emission control systems.

Maintain a clean facility by shoveling and sweeping spilled material and dust from paved areas of facility. Clean around vents and stacks and air emission control systems.

Consider using retention ponds, sediment basins, and oil/water separators to collect and treat potentially contaminated stormwater. If conducting wood processing operations, use ponds to collect, contain and recycle fluids used during log spraying operations.

#### ■ Numbers to Call for More Information

Department of Toxic Substances Control (hazardous waste questions) (818) 551-2800/2830 (Duty office) or (916) 324-1826

Regional Water Quality Control Board, Los Angeles Region (213) 576-6600

Check the phone book for your local wastewater treatment plant.

If you have questions about this fact sheet, please call:

City of Los Angeles  
Department of Public Works  
Stormwater Program

1-800-974-9794

