

SPILL CONTROL BMPs

SR1

EMERGENCY SPILL CLEANUP PLANS

DESCRIPTION:

Prevent or reduce the discharge of pollutants to stormwater resulting from spills of petroleum products or other materials.

TARGETED ACTIVITIES:

Aircraft Maintenance, Aircraft Fueling, Aircraft Painting/Stripping, Aircraft Washing, Aircraft Lavatory Service, Vehicle Maintenance, Vehicle Fueling, Vehicle Washing, Cargo Handling, Fuel Storage, Chemical Storage, Pesticide/Herbicide Storage, Equipment Cleaning/Degreasing, Equipment Maintenance, Equipment Fueling, Building and Grounds Maintenance.

APPROACH:

Owners and operators of facilities that store, process or refine oil or oil products may be required by Federal Law (40 CFR 112) to develop and implement a Spill Prevention Control and Countermeasure (SPCC) plan. Emergency spill cleanup plans should include the following information:

- * A description of the facility including the owner's name and address, the nature of the facility activity, and the general types and quantities of chemicals stored at the facility.
- * A site plan showing the location of storage areas for chemicals, the location of storm drains, site drainage patterns, fire water source locations, and the location and description of any devices used to contain spills such as positive control valves.
- * Notification procedures to be implemented in the event of a spill, such as key company personnel and local, state, and federal agencies.
- * Instructions regarding cleanup procedures.
- * Designated personnel with overall spill response cleanup responsibility.

The following procedures are to be followed when implementing an emergency spill cleanup plan:

- * Key personnel receive formal training in plan execution with additional training to first responder level (29 CFR 1910.120). All employees should have basic knowledge of spill control procedures.
- * A summary of the plan is posted at appropriate site locations, identifying the spill cleanup coordinators, location of cleanup equipment, and phone numbers of regulatory agencies to be contacted in the event of a spill.
- * Perform the following notifications in the event of a reportable spill:
 - Fire Department
 - Illinois EPA
 - National Response Center - if spill exceeds reportable quantity (RQ).
- * Containment and cleanup of spills shall begin immediately.
- * Absorbent shall be readily available in fueling areas.
- * Appropriate cleanup materials should be maintained onsite and strategically deployed based on the type and quantities of chemicals present.

REQUIREMENTS:

- * Capital and O&M costs shall be small to moderate depending on the types and quantities of chemicals stored onsite.
- * Maintenance costs would include periodic training and equipment replacement

LIMITATIONS:

Spills occurring after work hours in unconfined areas may go undetected until impacting offsite areas or water bodies.
