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## OUTDOOR CONTAINER STORAGE

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**DESCRIPTION:**

Prevent or reduce discharge of pollutants to stormwater from outdoor container storage areas.

**TARGETED ACTIVITIES:**

Aircraft Maintenance, Vehicle Maintenance, Cargo Handling, Chemical Storage, Pesticide/Herbicide Storage, Equipment Maintenance, Equipment Storage

**APPROACH:**

- \* Storage of oil and hazardous materials must meet federal, state, and local requirements including:
  - Spill Prevention Control and Countermeasure Plan (SPCC).
  - Secondary containment.
  - Integrity and leak detection monitoring.
  - Emergency preparedness plans.
- \* Use covered drums.
- \* Replace leaking dumpsters.
- \* Provide appropriate employee training.
- \* Provide safeguards against accidental releases:
  - Overflow protection devices to warn operator or automatic shut down transfer pumps.
  - Clear container labeling.
  - Restrict access.
- \* Berm or surround tanks and containers with secondary containment system, if possible.

**REQUIREMENTS:**

- \* Capital and O&M costs will vary depending on the size of the facility and the necessary controls.
- \* Maintenance should include the following:
  - Check for external corrosion and structural failure.
  - Check for spills and overfills due to operator failure.
  - Check for failure of piping system (piping, pumps, flanges, couplings, hoses, and valves).
  - Check for leaks or spills during pumping of liquids or gases.
  - Visually inspect new tanks or containers for loose fittings, poor welds, and improper or poorly fitted gaskets.
  - Inspect tank foundations, connections, coatings, and tank walls and piping system. Look for corrosion, leaks, cracks, scratches, and other physical damage that may weaken the tank or container system.

**LIMITATIONS:**

Storage structures often must meet local building and fire code requirements.

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