

SC8

WASTE HANDLING AND DISPOSAL

DESCRIPTION:

Prevent or reduce the discharge of pollutants to stormwater from waste handling and disposal by tracking waste generation, storage, and disposal; reducing waste generation and disposal through source reduction, re-use, and recycling; and preventing runoff and runoff from waste management areas.

TARGETED ACTIVITIES:

Aircraft Maintenance, Aircraft Fueling, Aircraft Painting/Stripping, Aircraft Lavatory, Vehicle Maintenance, Fuel Storage, Chemical Storage, Pesticide/Herbicide Storage, Equipment Maintenance

APPROACH:

- * Maintain a minimal inventory of required chemicals to reduce the magnitude of potential spills and limit waste generation.
- * Find substitutes for harmful chemicals - properly dispose of unusable chemical inventory.
- * SARA Title III, Section 313 requires reporting for over 300 listed chemicals and compounds. This requirement can be used to track these chemicals, although other approaches may be more accurate.
- * Track waste generated.
 - Characterize waste streams.
 - Evaluate the process generating the waste.
 - Prioritize the waste streams using: manifests, bills of lading, biennial reports, permits, environmental audits, SARA Title III reports, emission reports, material safety data sheets (MSDS), NPDES discharge monitoring reports.
 - Inventory reports.
 - Data on chemical spills.
 - Emissions.
 - Shelf life expiration.
- * Recycle materials whenever possible.
- * Maintain list and amount of material disposed.
- * Waste segregation and separation.
- * Inspect waste management areas for spills and leaks.
- * Equip waste transport vehicles with anti-spill equipment.
- * Minimize spills and fugitive losses such as dust or mist from loading areas.
- * Ensure that sediments and wastes are prevented from being tracked off-site.
- * Conduct proper training and supervision of employees.

REQUIREMENTS:

- * Capital and O&M costs for these programs will vary substantially depending on the size of the facility and the types of wastes handled.
- * Maintenance:
 - None except for maintaining equipment for material tracking program.

LIMITATIONS:

- * Hazardous waste that cannot be re-used or recycled must be disposed of by a licensed hazardous waste hauler.
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