



APPLICATIONS

- Manufacturing
- Material Handling
- Vehicle Maintenance
- Construction
- Commercial Activities
- Roadways
- Waste Containment
- Housekeeping Practices

DESCRIPTION:

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

APPROACH:

- ▶ Substitute or eliminate raw materials.
- ▶ Modify process or equipment.
- ▶ SARA Title III, Section 313 requires reporting for over 300 listed chemicals and chemical compounds. This requirement should be used to track these chemicals although this is not as accurate a means of tracking as other approaches.
- ▶ Use design data and review: process flow diagram, materials and applications diagram, piping and instructions, equipment list, plot plan.
- ▶ Use economic data and review: Waste treatment and disposal cost. Product utility and economic cost. Operation and maintenance labor cost.
- ▶ Recycle materials whenever possible.
- ▶ Segregation and separate waste.
- ▶ Cover, enclose, or berm industrial wastewater management areas whenever possible to prevent contact with runoff or runoff.
- ▶ Equip waste transport vehicles with anti-spill equipment.
- ▶ Minimize spills and fugitive losses such as dust or mist from loading systems.
- ▶ Ensure that sediments or wastes are prevented from being tracked off-site.
- ▶ Training and supervision.
- ▶ Stencil storm drains on the facility's property with prohibitive message regarding waste disposal.

LIMITATIONS:

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



ADAPTED FROM SALT LAKE COUNTY BMP FACTSHEET

TARGETED POLLUTANTS

- Sediment
- Nutrients
- Heavy Metals
- Toxic Materials
- Oxygen Demanding Substances
- Oil & Grease
- Floatable Materials
- Bacteria & Viruses

- High Impact
- Medium Impact
- Low or Unknown Impact

IMPLEMENTATION REQUIREMENTS

- Capital Costs
- O&M Costs
- Maintenance
- Training

- High
- Medium
- Low