

Environmentally Responsible Best Management Practices

6 Outside Manufacturing Activity

Some facilities may perform manufacturing activities in outdoor areas and produce pollutants that will contaminate stormwater runoff. Particularly serious activities that occur outdoors and produce contaminants include rock grinding or crushing, parts grinding or sanding, painting or coating, degreasing or parts cleaning, or operations using hazardous materials.

The following practices are recommended to prevent contamination of stormwater from such activities:

- ❶ **Alter the activity so that pollutants are not exposed to stormwater or discharged.**
- ❷ **Enclose the activity to prevent contact with stormwater.**
 - If practical and cost-effective, relocate it indoors.
 - Floor drains can be installed to carry wastewater to the sanitary sewer system if allowed by the Source Control Division.
- ❸ **Cover the activity.**
 - If enclosing the manufacturing activity within a structure is too costly, construct a cover over the site without walls.
 - Floor drains can be installed to carry wastewater to the sanitary sewer system if allowed by the Source Control Division.
 - Build berms and dikes around the floor of the activity area to retain rainfall that is carried into the area by wind and to prevent

rainwater from running onto the area.

- If contained on the floor, the contaminated stormwater could be treated and discharged to either the storm or sanitary sewer depending on the pollutants and type of treatment required.
 - Provide secondary containment to manufacturing equipment that may contain oils.
- ❹ **Cover waste materials temporarily with reinforced tarpaulins or similar materials to prevent contamination of runoff. Place in covered waste bins.**
 - ❺ **Segregate the activity.**
 - If parts of the manufacturing process are the worst source of the pollutants, these parts can be covered or enclosed to prevent contact with stormwater.
 - Floor drains can be installed, if allowed by the Source Control Division, to transfer wastewater to the sanitary sewer system.



Maintain an Emergency Spill Response and Cleanup Plan. Directions are outlined in BMP 4.



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