



Source: Caltrans Construction Site Best Management Practices Manual, 2003.

## Description

Practices and procedures to prevent or reduce the discharge of pollutants into the storm drain system or adjacent water body from paving, saw cutting, or grinding activities.

## Applications

- Paving equipment storage.
- Asphalt cleaning.
- Removal of existing asphalt or concrete.
- Concrete, asphalt, seal coat, tack coat, or slurry applications.
- Recycling of pavement.

## Installation and Implementation Requirements

- Limit paving operations during wet weather when possible.
- Store materials for paving activities away from concentrated runoff.
- Use asphalt emulsions as prime coat when possible.
- Place drip pans under paving equipment to contain leaks and spills. Clean up spills with absorbent materials.
- Place geotextile filter fabric over drain inlet structures and manholes during application of tack coat, seal coat, slurry seal, and fog seal.
- Saw cut slurry shall be removed from site by vacuuming. Provide storm drain protection during saw cutting.
- Refer to SM-5 (Concrete Waste Management) in this manual for activities involving Portland cement concrete.
- Adhere to the following when paving involves asphaltic concrete (AC):
  - Properly dispose of old or spilled asphalt. Collect and remove broken asphalt. Recycle asphalt when possible;
  - Excess sand and gravel shall be swept to prevent discharge into

## **Installation and Implementation Requirements (Continued)**

- the storm drainage system or adjacent water body; and
- Comply with storm water permitting requirements for industrial activities if paving requires an on-site mixing plant.

## **Limitations**

Restrict paving operations during wet weather to prevent contact between storm water and paving materials.

## **Inspections and Maintenance**

- Ample supplies of drip pans and absorbent materials shall be kept on-site.
- Inspect inlet protection equipment.
- Monitor employees to ensure appropriate paving practices and procedures are being implemented.