



# Your Actions Prevent Stormwater Pollution!

*Standard Operating Procedures for Water Quality Protection*

## Good Housekeeping SOP- Asphalt Program

### Why

Standard Operating Procedures (SOPs) have been prepared for all activities conducted as part of the City's Municipal Operations that have the potential to impact 'waters of the state. One of the primary goals of these SOPs is to provide time-tested, generally accepted routine procedures that minimize the potential for release of pollutants from a site during the performance of municipal operations activities.

### What

This Asphalt Program SOP provides operational best management practices (BMPs) developed to control pollutant discharges during asphalt program construction and reconstruction activities, including maintenance, repair, replacement, and installation of asphalt pavement in the City. These procedures are critical steps that must be included in the basic practices of the Asphalt Program construction by City staff and contracted staff.



Who  
Where

All City employees or City-contracted personnel who conduct asphalt paving construction and reconstruction.

At Asphalt Program construction sites.

### DO

- Cover inlets and manholes with protection during application of seal coat, tack slurry, slurry seal, and/or fog seal. Conduct operations during dry weather.
- Place drip pans, absorbent materials, or plastic under equipment when not in use to catch & contain drips & leaks to prevent soil contamination and runoff.
- When possible, recycle broken asphalt and old or spilled asphalt. If it cannot be recycled, collect and remove and dispose offsite as solid waste in accordance with standard specifications.
- Substances used to coat transport trucks, asphalt trucks, and spreading equipment shall not contain soap, shall be non-foaming and non-toxic.
- During thermoplastic striping, the pre-heater must be filled carefully to prevent splashing or spilling of materials; the same with filling the melting tanks during pavement marker application; leave 6" at top of pre-heater, and also in the melting tanks, to allow room for material to move and splash when vehicles are deadheaded.
- When servicing or filling melting tanks, ensure all pressure is released before removing lids to avoid spills.
- Monitor all asphalt program equipment closely for leaks; use drip pan as needed.

### DO NOT

- DO NOT allow any materials or sediment to enter storm drain system. Apply temporary perimeter controls like silt fence until stabilized or permanent controls are in place.
- DO NOT apply seal coat, tack coat, slurry seal, or fog seal when rain is predicted; limit paving applications in wet weather.
- DO NOT let petroleum or petroleum covered aggregate enter the storm system during chip sealing application and sweeping.
- DO NOT transfer or load bituminous materials, or pre-heat, transfer or load thermoplastic near drain inlets or waterways.
- DO NOT wash down or hose down the paving equipment except where the wash water will only enter the sanitary sewer drain as an approved discharge.
- DO NOT repair asphalt paving equipment on a roadside surface; transport to the maintenance shop for repairs.
- DO NOT coat transport trucks and spreading equipment with soap, foaming products, or toxic substances.
- DO NOT fill pre-heaters or melting tanks beyond 6" from the top to leave room for splashing.