

# Metal, Wood, and Paint Shops

## Best Management Practices Fact Sheet

### Goal/Purpose:

Reduce the discharge of potential pollutants, such as paints, inks, metals, solvents, cleaners, adhesives, oils, and greases generated during fabrication or repair work into the storm water system.

### Selection of Best Management Practice Activities

To comply with the city's Storm Water Pollution Prevention Program (SWPPP), specific best management practices (BMPs) must be implemented at municipal facilities and should be selected or developed on a case-by-case basis as required.

### Activity

1. Conduct fabrication, repair, and coating activities indoors or under cover whenever possible.
2. Conduct outdoor activities in a manner to minimize the spread of contaminants.
  - a. Use storm drain protection, such as dikes or storm drain mats when appropriate.
  - b. Use drop cloths to contain products and grit.
  - c. Sweep or vacuum up any debris at the end of the project or at the end of the day, whichever comes first.
3. Repair equipment leaks promptly and clean up any spill.
4. Use and store inks, paint, and solvents away from traffic areas.
5. Conduct sanding, painting, and coating in covered areas in accordance with OSHA standards and permit requirements.
  - a. Clean up particulate matter regularly and dispose of properly.
  - b. Use efficient spray equipment for coatings, such as high-volume/low-pressure, air atomizer or electrostatic.
  - c. Minimize and capture overspray.
  - d. Dispose of or recycle paints, thinners, solvents, and coatings as required by regulation. Empty paint containers also must be disposed of or recycled as required by regulation. Empty, dry paint containers 5-gallons and smaller may be put in the general trash. Others must be tripled rinsed, recycled, or returned to the vendor. Rinse water from containers must be disposed of as a hazardous waste, when required by regulation. Do not dispose of wastewater to ground or landscape areas.
6. Use drip pans to collect and transfer liquids or transfer parts that may leak. Carefully empty collection pans daily; use funnels to transfer liquids. Clean up spills or drips immediately.
7. Contain metal shavings and filings for recycling with scrap metal, when possible.

Otherwise follow proper disposal method.

#### Contractors Requirements

1. Ensure that contractors provide the city with a copy of their storm water awareness training and procedures for protecting the storm water system. These procedures should cover activities from cleaning windows to painting an entire building. Include specific contract language to inform the contractors that they must comply with federal, state, and local storm water rules and regulations as required by the Clean Water Act. Amend existing contracts to include this language, if not already included.

#### Employee Training

Staff training may include regular tailgate sessions at those facilities that load and unload significant amounts of chemicals or raw materials. Tailgate sessions should provide information on the selected storm water BMPs and methods for preventing discharge of pollutants into the storm drain system. Encourage employees to suggest modifications for existing BMPs and to create new BMPs; their suggestions will likely reduce labor and increase storm water runoff protection. If the above-suggested BMPs require some modification to work for you or do not cover some aspect of your operations or facility, call the city storm water representative at (XXX) XXX-XXXX for assistance.

Storm water BMP training may be incorporated with other training sessions such as safety training. Records of the training sessions should be kept for at least three years. These records should include who conducted the training, who attended, subjects discussed, and the date(s) of the training.

For additional information on this and other BMPs, or the city's responsibilities under the National Pollutant Discharge Elimination System (NPDES) Phase II federal regulations for storm water discharges, see <http://www.XXXX.XXXX> or contact the city storm water representative at (XXX) XXX-XXXX for assistance.