

Metal, Wood, Paint & Print Shops

Best Management Practices

Protect storm water by using transparent plastic sheeting to create an enclosure (sides and ground) around the area to be spray-painted. Follow appropriate worker health and safety practices.



Selection of Best Management Practices

In order to comply with Santa Barbara County's Municipal Storm Water Permit, Best Management Practices (BMPs) must be employed at municipal facilities. BMPs may be selected from the options listed below or developed on a case-by-case basis as appropriate. Facilities with a Water Quality Protection Protocol (WQPP) should follow the BMPs stated in that protocol.

Practices

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.

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.

Santa Barbara County

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- 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 triple rinsed, recycled, or returned to the vender. 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

8. Ensure that contractors provide the County 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 contractor 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 responsible for maintaining or managing a metal, wood, paint or print shop. 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

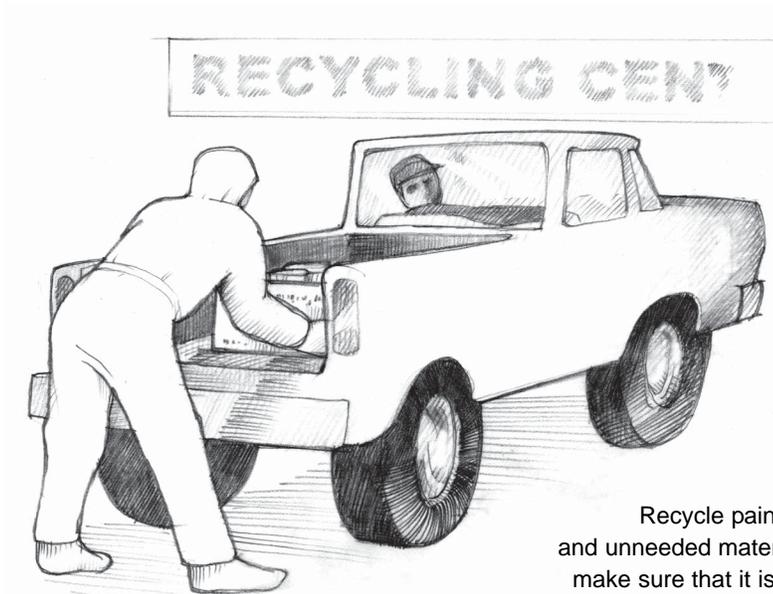
Associated BMPs

- Alternative Safer Products
- Building Maintenance & Repairs
- Housekeeping
- Loading & Unloading
- Material and Hazardous Waste Storage
- Vehicle & Equipment Maintenance & Repairs

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 Project Clean Water at 568-3440 for assistance.

Storm water BMP training may be incorporated with other training sessions such as safety training. Facilities with a Storm Water Plan should follow the training requirements stated in that Plan. Records of the training sessions must 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 County's responsibilities under the NPDES Phase II federal regulations for storm water discharges, see www.countyofsb.org/project_cleanwater or contact Project Clean Water staff at 568-3440.



Recycle paints, inks, solvents, coatings and unneeded materials. If it can't be recycled make sure that it is disposed of appropriately. Do not mix together different waste streams.