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	PAINT	
	Targotod Constituents	
• Significant	Benefit Partial Benefit	• Low or Unknown Benefit
• Sediment •	Heavy Metals • Floatable Materials	 Oxygen Demanding Substances
	xic Materials O Oil & Grease O Bacteria	
	Implementation Requireme	ents
• High	▶ Medium	O Low
 Capital Costs 	O & M Costs O Maintenance O Suit	ability for Slopes >5% Training
Approach	 toxic materials. Keep the work site clean and orderly. Rer the area regularly. 	nove debris in a timely fashion. Sweep
	 Use soil erosion control techniques if bare Construction Site Management Practices. 	ground is exposed. See Temporary
	 Buy recycled or less hazardous products to 	o the maximum extent practicable.
	 Conduct painting operations consistent wiregulations. 	th local air quality and OSHA
	 Properly store paints and solvents. See CI in this section. 	P-05: Material Delivery, Storage and Use
	 Properly store and dispose waste materials waste management BMPs CP-7, 8, 9, 10 a 	
	 Recycle residual paints, solvents, lumber, extent practicable. 	and other materials to the maximum
	 Make sure that nearby storm drains are we inadvertent disposal of residual paints and 	
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•	Clean the storm drain system in the immediate con is completed.	struction area after construction
-	Educate employees who are doing the work of the pollutants out of the stormwater system.	importance of keeping
•	Inform subcontractors of company policy on these provisions in their contract to make certain proper practices are implemented.	
•	For a quick reference on disposal alternatives for s presented in the Employee/Subcontractor Training	-
•	For oil-based paints, paint out brushes to the exten thinners and solvents.	t practical, and filter and reuse
•	Never clean paintbrushes or rinse paint containers or watercourse.	into a street, gutter, storm drain
•	Dispose of any paint, thinners, residue, and sludge hazardous waste. For a quick reference on disposa residue and sludges see the table presented in the E Training BMP fact sheet.	al alternatives for paint, thinners,
-	Latex paint and paint cans, used brushes, rags, absorbed cloths, when thoroughly dry and are no longer haze other construction debris.	-
-	Use recycled and less hazardous products when pra	actical.
-	Recycle residual paints, solvents, lumber, and othe	r materials.
Requirements ■	Costs (Capital, O&M) - These BMPs are generally of low to moderate	cost.
Maintenance ■	Maintenance should be minimal.	
•	Spot check employees and subcontractors at least rensure appropriate practices are being employed.	monthly throughout the job to
Limitations ■	Safer alternative products may not be available, su	itable, or effective in every case.
•	Hazardous waste that cannot be re-used or recycled licensed hazardous waste hauler.	d must be disposed of by a
•	Be certain that actions to help stormwater quality a Fed-OSHA and air quality regulations.	are consistent with State-and
Information if	onstruction and painting activities can generate pollu proper care is not taken. The sources of these contar int and varnish removers, finishing residues, spent th	ninants may be solvents, paints,
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asphalt and concrete materials, adhesive residues, and old asbestos insulation. For specific information on some of these wastes see the following BMPs in this section:

CP-07	Solid Waste Management,
CP-08	Hazardous Waste Management,
CP-09	Contaminated Soil Management, and
CP-10	Concrete Waste Management.

More specific information on structure construction practices is listed below.

Erosion and Sediment Control

If the work involves exposing large areas of soil or if old buildings are being torn down and not replaced in the near future, employ the appropriate soil erosion and control techniques described in the Temporary Construction Management Practices' (TCP) section.

Storm/Sanitary Sewer Connections

Carefully install all plumbing and stormwater systems. <u>Cross connections</u> between the sanitary and storm drain systems, as well as any other connections into the stormwater system from inside a building, <u>are illegal</u>. Color code or flag pipelines on the project site to prevent such connections, and train construction personnel. See CP-11: Sanitary/Septic Waste Management for additional details.

Painting

Local air pollution regulations may, in many areas of the state, specify painting procedures that if properly carried out are usually sufficient to protect stormwater quality. These regulations may require that painting operations be properly enclosed or covered to avoid drift. Use temporary scaffolding to hang drop cloths or draperies to prevent drift. Application equipment that minimizes overspray also helps. When using sealants on wood, pavement, roofs, etc., quickly clean up spills. Remove excess liquid with absorbent material or rags.

If painting requires scraping or sand blasting of the existing surface, use a drop cloth to collect most of the chips. Dispose the residue properly. If the paint contains lead or tributyl tin, it is considered a hazardous waste. Refer to the waste management BMPs in this section for more information.

Mix paint indoors, in a containment area, or in a flat unpaved area not subject to significant erosion. Do so even during dry weather because cleanup of a spill will never be 100% effective. Dried paint will erode from sloped surfaces and be washed away by storms. If using water based paints, clean the application equipment in a sink that is connected to the sanitary sewer or in a containment area where the dried paint can be readily removed. Properly store leftover paints if they are to be kept for the next job, or dispose of properly.

Roof Work

When working on roofs, if small particles have accumulated in the gutter, either sweep out the gutter or wash the gutter and trap the particles at the outlet of the downspout. A sock or geofabric placed over the outlet may effectively trap the materials. If the downspout is lined tight, place a temporary plug at the first convenient point in the storm drain and pump out the water with a vactor truck, and clean the catch basin sump where you placed the plug.

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Primary References	California Storm Water Best Management Practice Handbooks, Construction and Industrial Handbooks, CDM et.al. for the California SWQTF, 1993.	
	<i>Caltrans Storm Water Quality Handbooks</i> , CDM et.al. for the California Department of Transportation, 1997.	
Subordinate References	Blueprint for a Clean Bay-Construction-Related Industries: Best Management Practices for Storm Water Pollution Prevention; Santa Clara Valley Nonpoint Source Pollution Control Program, 1992.	