

This pamphlet is for contractors and others who work on Caltrans construction sites. Its goal is to educate and encourage us to prevent water pollution. Water pollution prevention is a good thing to do and it's part of your contract.



For individuals with sensory disabilities, this document is available in Braille, large print, on audiocassette or computer disk. To obtain a copy in one of these alternate formats, please write or call:

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DIVISION OF CONSTRUCTION, MS 44
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Sacramento, CA 94274

Voice (916) 654-2467
California Relay Service 1-800-735-2929

Water Pollution Prevention INFORMATION SOURCES

OPERATIONAL FACT SHEETS

- ◆ PCC and AC Operations
- ◆ Bridge Construction
- ◆ Clearing and Grubbing
- ◆ Highway Planting and Landscaping
- ◆ Mobilization
- ◆ Piling
- ◆ Roadway Construction
- ◆ Trenching
- ◆ Vehicle and Equipment Fueling

STORM WATER QUALITY HANDBOOKS

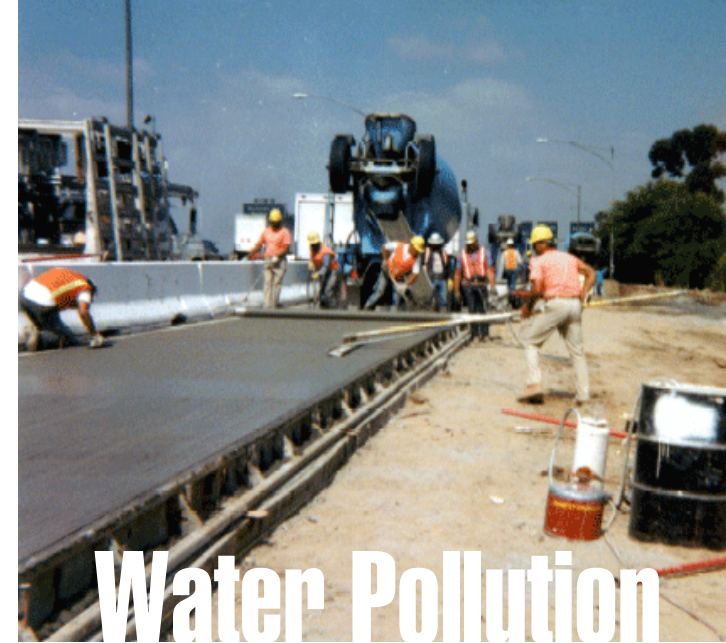
- ◆ Construction Site Best Management Practices (BMPs) Manual
- ◆ SWPPP and WPCP Preparation Manual

OTHER MANUALS

- ◆ Guidance for Temporary Soil Stabilization
- ◆ BMP Field Manual and Troubleshooting Guide



For more information please visit our website:
www.dot.ca.gov/hq/construc/stormwater/manuals.htm



Water Pollution Prevention Fact Sheet

PCC and AC Operations

Keep our Waterways CLEAN



PCC AND AC OPERATIONS

Portland Cement Concrete (PCC) and Asphalt Concrete (AC) operations involve the use of heavy equipment such as pavement grinders, asphalt distributors, pavers, rollers, graders, loaders and water trucks, plus construction material such as calcium chloride, concrete, asphalt concrete, asphalt binders, curing compound, fuel, oil and grease.

This equipment and material should be properly handled, stored or maintained.

We can help minimize the impact of construction activities on the quality of our waters by identifying and containing potential pollutants before they come in contact with storm water.

PCC/AC PAVING

- ✓ Do not allow AC grindings, PCC grinding/sawing residue, AC sweepings, loose AC, tack coat, slurry seal or fog seal to get into storm drains or watercourses.
- ✓ Park paving equipment over plastic sheeting to prevent soil contamination.
- ✓ Park paving equipment away from storm drain inlets, drainage facilities or watercourses.
- ✓ Cover drain inlets and manholes with filter fabric when applying tack/seal coat and slurry and fog seal.
- ✓ Protect the areas where equipment or vehicles are being repaired, maintained, assembled, fueled or parked from storm water run-on and runoff.
- ✓ Use barriers such as berms, sand bags or dikes to direct storm water away from maintenance or fueling areas.
- ✓ Properly dispose of construction waste, used oil, fluids, lubricants and spill clean-up materials.

CONCRETE WASHOUTS

- ✓ Wash out concrete trucks or pumps only into designated washout pits.
- ✓ If you don't see a washout pit or are not sure where to washout, ask your foreman or resident engineer.
- ✓ Be sure to clean out the washout pit or build a new one once the washout is 75 % full.
- ✓ Make sure concrete waste does not enter storm drains or watercourses.

CONCRETE CURING

- ✓ If you are using a curing compound, make sure the cure is applied at proper rates and as close as possible to the concrete surface. Avoid over sprays.
- ✓ Protect drain inlets prior to the application of curing compound.
- ✓ Examine cure containers and spraying equipment for leaks. Clean up spills or leaks immediately.
- ✓ Curing compound containers must be properly labeled. They are required to have a second containment for storage.
- ✓ If water curing is used, make sure the curing water is directed away from and not discharged into watercourses and drainage inlets.

KEEP STREETS CLEAN

- ✓ Make sure the vehicles and equipment leaving the site don't track dirt, mud or tack/seal coat onto public streets or private roads. Stabilize all equipment and vehicle entrances/exits with aggregate over filter fabric.
- ✓ Use a street sweeper to clean visible tracking, loose material, sand and gravel from paved roads.
- ✓ Do not wash streets.

*If you are not sure what to do,
ask your foreman.*