

*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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## Water Pollution Prevention INFORMATION SOURCES

### OPERATIONAL FACT SHEETS

- ◆ Roadway Construction Operations
- ◆ Bridge Construction
- ◆ Clearing and Grubbing
- ◆ Highway Planting and Landscaping
- ◆ Mobilization
- ◆ Piling
- ◆ PCC and AC
- ◆ 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](http://www.dot.ca.gov/hq/construc/stormwater/manuals.htm)



# Water Pollution Prevention Fact Sheet

## Roadway Construction Operations

*Keep our Waterways CLEAN*



## ***ROADWAY CONSTRUCTION OPERATIONS***

Roadway construction operations involve a number of activities, including, but not limited to, relocation of underground utilities, roadway excavation, installing drainage facilities, grading, placing base and pavement material, finishing roadway, and installing loop detectors.

The foregoing procedures and practices are intended to minimize or eliminate the discharge of pollutants into storm drain systems or watercourses as a result of roadway construction activities.

### ***PROTECT VEGETATION***

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- ✓ Make sure the plants or trees you plan to remove are supposed to be removed. If you are not sure ask your foreman or resident engineer.
- ✓ Identify the existing vegetation to remain in place, perhaps by installing a temporary orange fence around it.
- ✓ If rain is forecast, the removal of existing vegetation is not recommended.

### ***KEEP THE JOBSITE CLEAN AND ORDERLY***

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- ✓ Pick up trash. Put trash in a dumpster or trash can.
- ✓ Pitch in. Remind co-workers to throw away their trash when break time is over.
- ✓ Select solid waste storage areas and other stockpile locations away from drain inlets and watercourses.
- ✓ Hazardous materials such as curing compound, solvents, chemicals, hydraulic fluids, fuel, oil and grease must have secondary containment for storage.
- ✓ Keep bagged and boxed materials on pallets. Cover before it rains.
- ✓ Keep materials in their original containers and with original product labels.
- ✓ Keep construction equipment in good working condition and leak free.
- ✓ Place temporary sanitary/septic facilities away from drainage inlets, watercourses, and traffic circulation.
- ✓ Dispose of construction waste, fluids, used oil, lubricants, and spill clean up materials properly.

### ***CONCRETE WASHOUTS***

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- ✓ 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, slurry or saw cutting residues do not enter storm drains or watercourses.

### ***BARE SOIL / STOCKPILES***

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- ✓ Don't let storm water runoff carry soil, gravel or other pollutants into watercourses, drainage courses, or storm drain inlets.
- ✓ Use silt fence, fiber rolls, gravel bags or other sediment controls to prevent soil and trash from getting into storm drains or watercourses.
- ✓ At a minimum, all bare soil must be protected before it rains.
- ✓ Use soil stabilization BMPs such as mulch, soil binders, plastic sheeting or erosion blankets to protect bare soil.
- ✓ If stockpiles are active, they must be protected prior to rain by covering, stabilizing or being contained inside a sediment control barrier like silt fence or fiber rolls.
- ✓ Place cold mix stockpiles over plastic and cover prior to rain.
- ✓ Control dust by using water or a dust palliative.

### ***KEEP STREETS CLEAN***

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- ✓ 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.*