

*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

- ◆ Highway Planting and Landscaping Operations
- ◆ Bridge Construction
- ◆ Clearing and Grubbing
- ◆ PCC and AC
- ◆ 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



# Water Pollution Prevention Fact Sheet

## Highway Planting and Landscaping Operations

For more information please visit our website:  
<https://dot.ca.gov/programs/construction/storm-water-and-water-pollution-control>

*Keep our Waterways CLEAN*



## ***HIGHWAY PLANTING AND LANDSCAPING OPERATIONS***

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

The following procedures and practices are intended to minimize or eliminate the discharge of pollutants into the storm drain systems or watercourses as a result of planting and landscaping operations.

## ***ONLY RAIN IN THE DRAIN***

- ✓ Do not let storm water runoff carry soil 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 drain systems or watercourses.
- ✓ All bare soil must be protected from the erosive effects of storm water before it rains.
- ✓ Use the appropriate soil stabilization BMPs, such as mulch, soil binders, plastic sheeting or erosion control blankets to protect the bare soil.
- ✓ If stockpiles are active, they must be protected prior to rain by covering, stabilizing, or containing the material in a sediment barrier like silt fence or fiber rolls.
- ✓ Spoil piles from sprinkler line trenching or planting holes should not be left in drainage channels or gutter flow lines.
- ✓ Do not apply soil amendments or pesticides before rain. If the runoff from these areas gets into a drainage system or watercourse, you may have to sample the runoff.
- ✓ Ensure fertilizers and/or soil amendments are applied at specified rates during cultivation. Avoid over application and over watering.
- ✓ Stabilize water truck filling area.
- ✓ Clear existing vegetation only as specified in the contract.

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

## ***CHECK IRRIGATION SYSTEMS***

- ✓ Inspect existing irrigation systems and equipment for proper functioning. Repair water leaks promptly.
- ✓ If there are broken lines, sprinklers, valves or crossovers, shut off the water source immediately. Repair broken water lines as soon as possible.

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

- ✓ Pick up your trash. Put trash in a dumpster or trash can.
- ✓ Pitch in. Remind co-workers to throw away their trash when break time is over.
- ✓ Littering is prohibited.
- ✓ Clear the site from green waste, rocks, broken and removed irrigation facilities, trash and debris and dispose of properly.
- ✓ Don't stockpile green waste near storm drains or watercourses.
- ✓ Store hazardous material such as fertilizers, pesticides and herbicides in secondary containment.

## ***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.