

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

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

Piling Operations

Keep our Waterways CLEAN



PILING OPERATIONS

Piling operations on Caltrans sites include driven piles and cast-in-place concrete piles used for foundation support of sound walls, retaining walls, overhead sign structures, bridges and other structures.

We can help to minimize the impact of piling operations by identifying and containing potential pollutants before they come in contact with storm water.

The following procedures and practices are intended to help minimize or eliminate the impact of piling operations on the quality of our waters.

LEAKS AND DRIPS

- ✓ Inspect pile driving areas and equipment routinely for fluid, diesel and fuel leaks and spills. Clean up spills or leaks immediately.
- ✓ Have your mechanic fix the leaky equipment promptly or have it removed from the site.
- ✓ Use drip pans or absorbent pads at all times. Place under and around leaky equipment.
- ✓ Don't allow oil, grease, diesel fuel, etc., to drip onto the ground.
- ✓ Have spill kits and clean-up material available.
- ✓ If it's safe to do so, immediately contain and clean up any chemicals and/or hazardous substance spills.

PROPER STORAGE OF EQUIPMENT AND MATERIALS

- ✓ Store equipment away from watercourses (streams, rivers, lakes, etc.), drainage courses, and storm drain systems.
- ✓ Park equipment over plastic sheeting.
- ✓ Cover hammers and other attachments prior to rain.
- ✓ Don't store hazardous chemicals, drums, bagged or boxed materials directly on the ground.
- ✓ Place bagged/boxed materials on pallets. Place chemicals in drums with secondary containment. Cover these items prior to rain.

ARE YOU DEWATERING ?

- ✓ If you need to remove water from an excavation or drilled holes, first check with your foreman or resident engineer. You may need a permit.
- ✓ You must use approved BMPs to treat the discharge. You may also need to sample the discharge for pollutants.
- ✓ Avoid dewatering discharges by using the water for dust control, infiltration or recycling.

CONCRETE WASHOUTS

- ✓ Wash out concrete trucks or pumps only into designated washout pits.
- ✓ 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 into storm drains or watercourses

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 on state property is prohibited.
- ✓ Construction yard area should be kept neat and orderly.
- ✓ If you are working on or near water, make sure the equipment you are using is leak free.
- ✓ Don't allow demolished material to enter the waterways. Use covers or platforms to collect debris.

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.