

This bulletin is published monthly by the Storm Water Compliance Review Task Force to support the Caltrans maintenance staff in its efforts to achieve and maintain compliance with storm water pollution prevention regulatory requirements.

### Maintenance Activity Pollution Prevention Program Pilot Reviews

Additional information is available in the Caltrans Storm Water Quality Handbook - Maintenance Staff Guide, or from your District Maintenance Storm Water Coordinator. Questions or comments may be directed to Jack Broadbent, HQ Maintenance Storm Water Coordinator, (916) 653-0361, Roger Churchwell, HQ Environmental Engineering, (916) 653-3653

The Statewide Storm Water Management Plan (SWMP) includes Caltrans' plans for achieving compliance with storm water protection regulations for all facets of the Maintenance Program. An increased focus on maintenance activity inspections has been implemented to better achieve our storm water goals. In May, a pilot review program was conducted to expand the scope of storm water inspections to roadside maintenance operations.

### Pilot Program Goals

The purpose of the pilot program was to develop a storm water review method designed for the challenges associated with roadside maintenance operations. Goals of the pilot program included:

- Evaluating storm water Best Management Practices (BMPs) in the field
- Identifying potential improvements
- Providing a feedback mechanism for work crews
- Conducting general storm water training and activity-specific training for work crews
- Developing a documentation method that could be applied consistently statewide

### Pilot Program Approach

The pilot review program was tested in May 1999 in Districts 7 and 11. Storm water review teams met with each work crew prior to the maintenance operation to provide an orientation to the pilot program.

The review team observed the implementation of BMPs during maintenance operations. On-site training was conducted as requested to review the Caltrans Storm Water Handbooks, Maintenance Staff Guide, the Facility Pollution Prevention Plan (FPPP), the Caltrans intranet site, or storm water documentation methods.

Following field observations, the review team discussed BMP implementation with the crews. Crews were encouraged to suggest improvements to the review process and BMPs.

### Pilot Program Observations

The review teams observed that work crews implemented many good BMPs to protect storm water quality. Examples of observed practices are illustrated in the photographs.



**Grinding Operation:** Storm water drain inlets were protected prior to work and a broom sweeper cleaned up loose debris when completed.



**Paving Operation:** Asphalt application equipment was cleaned in a bucket over an absorbent splash pad.

### Pilot Program Expansion

Expansion of the pilot maintenance activity review program statewide is planned. As part of the plan, each Region will inspect a minimum of two maintenance activities during the expanded pilot program. Results from the statewide pilot program will be compiled and evaluated. Based on the analysis, a Maintenance Activity Pollution Prevention Program (MAPPP) will be developed. The MAPPP will contain the details of the full-scale inspection program.