



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.

Storm Water Protection Inspections for Maintenance Facilities

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 Roger Churchwell, HQ Environmental Engineering,

Inspection is a requirement for many of the maintenance facility storm water BMPs. Without regular inspection, a leaky hazardous waste container could go undetected, a clogged drainage inlet could cause flooding, or a torn cover could expose raw materials to rain. Many of these inspections are already conducted by the facility supervisor on a regular basis. This bulletin reviews a few strategies for ensuring that inspections meet storm water regulation requirements.

Strategy #1 – Make it Part of Your Routine

Conduct inspections regularly and consistently and document all results. The inspection checklist used by the Storm Water Task Force can be used for conducting and documenting your inspections.

CALTRANS MAINTENANCE FACILITY STORM WATER INSPECTION CHECKLIST			
Facility Name	Date	Inspector	Comments
Are following BMPs implemented?			
Vehicle Fueling Areas			
YES - VEHICLE AND EQUIPMENT FUELING			
1. Covered spill			
2. Spill containment			
3. Spill containment area is good condition			
4. All spills cleaned and documentation submitted			
5. All spills cleaned and documentation submitted			
6. Spill containment			
NO - ABOVE GROUND TANK LEAK AND SPILL CONTROL			
1. Are above ground tanks contained			
2. All secondary containment			
3. All valves and secondary containment intact			
4. All valves and secondary containment intact			
5. All valves and secondary containment intact			
6. All valves and secondary containment intact			
Vehicle & Equipment Cleaning Areas			

The Task Force checklist is available on your intranet storm water web site at [HTTP://onramp.dot.ca.gov/hq/maint/orside/water/watqual.htm](http://onramp.dot.ca.gov/hq/maint/orside/water/watqual.htm)

Strategy #2 – Make it Available

It is just as important to maintain inspection records as it is to conduct the inspections in the first place. These records constitute the proof of your compliance with storm water regulations.

Consider designating one person at each facility to maintain the storm water compliance inspection documentation. This person should be aware of all inspections and documentation for storm water compliance at the facility. The key contact should also be responsible for maintaining the Facility Pollution Prevention Plan (FPPP). Others in the facility need to be aware of the location of and have access to the FPPP. Inspection documents must be maintained at the facility for a minimum of three years. If possible, inspection records should be kept with the FPPP. Otherwise, document the location of the records in the FPPP and set up a simple filing system so that records can be easily located and reviewed.

Strategy #3 – Make it By the Handbook

Review the BMPs in the Caltrans Storm Water Quality Handbooks – Maintenance Staff Guide to ensure that you understand the inspection requirements listed in the facility inspection checklist. Some inspection requirements include:

- **T4a - Oil/Water Separators** require regular inspection and cleaning to prevent accumulated oil and grit from affecting performance.
- **T4b - Waste Minimization, Handling and Disposal** requires inspection of waste storage areas for leakage and the immediate repair of any leaks that are discovered.
- **T5b - Building and Grounds Maintenance** Regularly inspect and clean the storm drainage system.
- **T7a - Storage of Hazardous Materials (Working Stock)** Regularly inspect hazardous material storage areas to ensure all containers are labeled, covered and in good condition. Inspect all pallets of paint to ensure they are secure before moving.
- **T7c - Material Storage Controls (Hazardous Waste)** Inspect hazardous waste storage areas weekly for external corrosion or signs of wear of storage containers. In addition, regular inspections should be conducted to ensure that individual containers are secured and labeled, and that access to storage areas prevents unauthorized entry.
- **T7d - Outdoor Storage of Raw Materials** requires regular inspection of storage areas for asphalt, sand, soils, treated wood posts, and mulch to prevent their exposure to storm water.
- **T9a - Vehicle and Equipment Fueling** tanks require regular inspection for cracks and leaks.
- **T9b - Vehicle and Equipment Pressure Washing** facilities and equipment require periodic inspection to ensure that wash water does not enter the storm drainage system.
- **T9c - Vehicle Equipment Maintenance and Repair** includes inspecting degreasing solvent tanks for leaks and inspecting incoming damaged vehicles for fluid leakage.
- **T9 - Above Ground Tank Leak and Spill Control** requires inspection of above ground storage tanks, secondary containment, and associated valves and piping for external corrosion, structural failure, and loose connections.

Regular inspections help maintenance facilities identify and correct potential storm water pollution problems. Conducting storm water inspections is not just required practice – it's good practice. "Compliance-Challenged" facilities can receive assistance from their District Storm Water Coordinator.