



IC23. FIRE SPRINKLER TESTING/MAINTENANCE

Best Management Practices (BMPs)

A BMP is a technique, measure or structural control that is used for a given set of conditions to improve the quality of the stormwater runoff in a cost effective manner¹. The minimum required BMPs for this activity are outlined in the box to the right. Implementation of pollution prevention/good housekeeping measures may reduce or eliminate the need to implement other more costly or complicated procedures. Proper employee training is key to the success of BMP implementation.

Provided below are specific procedures associated with this activity. In order to meet the requirements for medium and high priority facilities, the owners/operators must select, install and maintain appropriate BMPs on site. Since the selection of the appropriate BMPs is a site-specific process, the types and numbers of additional BMPs will vary for each facility.

Best Management Practices

1. **Contain flows onsite** and/or direct the water flows to landscaped or green areas whenever possible and safe to do so without causing damage or erosion.
2. **Divert sprinkler system flows to the sewer**, when practicable and with the permission of the local sewer agency.
3. **Training**
 - a. Train employees on these BMPs, storm water discharge prohibitions, and wastewater discharge requirements.
 - b. Establish a regular training schedule, train all new employees, and conduct annual refresher training.
 - c. Use a training log or similar method to document training.

MINIMUM BEST MANAGEMENT PRACTICES

Pollution Prevention/Good Housekeeping

- Conduct activity on non-rainy days and for the shortest duration possible to minimize discharge volume.
- Inspect flow path and remove all debris and materials prior to testing or maintenance.

Training

- Train employees on these BMPs, storm water discharge prohibitions, and wastewater discharge requirements.
- Provide on-going employee training in pollution prevention.

The BMPs outlined in this fact sheet target the following pollutants:

Targeted Constituents	
Sediment	
Nutrients	
Floatable Materials	
Metals	x
Bacteria	
Oil & Grease	x
Organics & Toxicants	
Pesticides	
Oxygen Demanding	

¹ EPA " Preliminary Data Summary of Urban Stormwater Best Management Practices"
IC23 Fire Sprinkler Testing/Maintenance

References

California Storm Water Best Management Practice Handbooks. Industrial/Commercial Best Management Practice Handbook. Prepared by Camp Dresser & McKee, Larry Walker Associates for California Stormwater Quality Association. January 2003.

For additional information contact the City of Laguna Hills Public Services at 949-707-2650.