



IC23. FIRE SPRINKLER TESTING/MAINTENANCE

BEST MANAGEMENT PRACTICES (BMP)

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 manner.¹ 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.

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

TARGETED CONSTITUENTS	
	Sediment
	Nutrients
	Floatable Materials
<input checked="" type="checkbox"/>	Metals
	Bacteria
<input checked="" type="checkbox"/>	Oil and Grease
	Organics and Toxicants
	Pesticides
	Oxygen Demanding

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, stormwater discharge prohibitions, and wastewater discharge requirements.
- Provide ongoing employee training in pollution prevention.

Provided below are specific procedures associated with each of the minimum BMPs along with procedures for additional BMPs that should be considered if this activity takes place at a facility located near a sensitive waterbody. 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.

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.

¹ EPA Preliminary Data Summary of Urban Stormwater Best Management Practices

TRAINING

- 1. Train employees on these BMPs, stormwater discharge prohibitions, and wastewater discharge requirements.**
- 2. Establish a regular training schedule, train all new employees, and conduct annual refresher training.**
- 3. Use a training log or similar method to document training.**

REFERENCES

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

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