

Chapter 3 Stormwater Best Management Practices (BMPs)

3.1 Standard Best Management Practice Design Guidance Format

This chapter outlines performance criteria for 13 stormwater best management practice (BMP) categories that include green roofs, rainwater harvesting, impermeable surface disconnection, permeable pavement, bioretention, filtering systems, infiltration practices, storage practices, ponds, wetlands, open channels, proprietary practices, and tree planting.

BMP performance criteria are based on several critical design factors to ensure effective and long-lived BMPs. Design components that differ from these specifications but meet their intent may be included at the District Department of the Environment’s (DDOE’s) discretion. In this chapter, and throughout the guidebook, the terms “must” or “shall” denote required aspects of BMPs or their design and implementation, while the term “should” denotes a recommendation. However, justification may be necessary for design or implementation that does not correspond to certain recommendations.

For each BMP, the following factors are discussed:

- General Feasibility
- Conveyance
- Pretreatment
- Design and Sizing
- Landscaping
- Construction Sequencing
- Maintenance
- Stormwater Compliance Calculations

