

Stormwater BMP Selection Process

The flowchart in [Figure 8- 1](#) outlines a recommended process for selecting stormwater BMPs for a given project and site to meet the applicable retention, treatment, and peak runoff attenuation requirements addressed in [Chapter 4 - Stormwater Management Standards and Performance Criteria](#) of this Manual. The process is focused on selection of structural stormwater BMPs after:

- Initial data has been collected to define existing site conditions
- Stormwater retention, treatment, and peak runoff attenuation requirements have been determined based on the stormwater management standards and performance criteria ([Chapter 4 - Stormwater Management Standards and Performance Criteria](#))

- LID site planning and design approaches, including the use of Impervious Area (Simple) Disconnection, have been considered and applied to the MEA ([Chapter 5 - Low Impact Development Site Planning and Design Strategies](#)).

The recommended process incorporates the BMP selection factors and summary matrix tables that are presented in the following sections of this chapter. This process is meant to help the designing qualified professional⁶⁵select stormwater BMP(s) using good engineering/design judgement and a consistent and repeatable approach that also demonstrates compliance with the stormwater management standards and performance criteria, while promoting creative and site-specific stormwater management design.

⁶⁵ As defined in the General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities.

Figure 8- 1 Recommended Stormwater BMP Selection Process

