

## 8 APPROVED STORMWATER BEST MANAGEMENT PRACTICES

Residential property owners may receive credit for approved practices contained in this section of the manual.

To obtain credit, property owners are required to follow the guidelines for the installation and maintenance of approved BMPs provided in this manual and as found in the Chesapeake Bay Program's: Homeowner Guide for a More Bay-Friendly Property.

<http://chesapeakestormwater.net/2013/04/homeowner-bmp-guide/>

Additional information and guidance for the installation and maintenance of certain approved BMPs can be found in the following documents; however, property owners are not required to strictly comply with the standards and specifications found in these documents.

Chesapeake Bay Program's Urban Stormwater Protocol for Urban Stormwater Retrofits: Final CBP Approved Expert Panel Report on Stormwater Retrofits  
<http://chesapeakestormwater.net/bay-stormwater/baywide-stormwater-policy/urban-stormwater-workgroup/retrofits/>

DEQ Stormwater Design Specifications:

<http://www.deq.virginia.gov/Programs/Water/StormwaterManagement/Publications.aspx>

- ✓ Selecting more than one stormwater BMP is encouraged.
- ✓ The maximum credit allowed per parcel is fifty percent (50%).
- ✓ Other stormwater management practices may be approved on a case-by-case basis.

**B. Rain Garden**

**Credit available with this practice: 25%-50%**

A rain garden is a depressed landscaped area designed to capture and filter stormwater runoff. The plants and soil in a rain garden provide an easy, natural way of reducing the amount of stormwater runoff through infiltration and uptake.

To receive a 25% credit, at least 25% of the property's total on-site impervious surface area must drain to the rain garden. In order to receive a 50% credit, at least 50% of the on-site impervious surface area, including rooftops, must drain to the rain garden.

Design Requirements and Installation Standards for Rain Gardens

To obtain credit for this practice, property owners need to adhere to the following:

1. The guidelines for the installation and maintenance of approved BMPs provided in this manual and as found in the Chesapeake Bay Program's: Homeowner Guide for a More Bay-Friendly Property. <http://chesapeakestormwater.net/2013/04/homeowner-bmp-guide/>

It is also advisable that:

- ~~1.2.~~ Overflows ~~should~~ be at least 10 feet from any building foundation and away from neighboring properties, sidewalks, steep slopes, and retaining walls.



It is also advisable that:

- 2.3. It is highly recommended that native vegetation be planted in the rain garden. Property owners consider planting native vegetation in the rain garden. Recommended native vegetation can be found in the Chesapeake Bay Program's: Homeowner Guide for a More Bay-Friendly Property.