

Minimum Requirements for Best Management Practices

**** Homes must be built before 2003 to be eligible for this program****
BMPs must be installed by a licensed contractor

Best Management Practice (BMP)	Impervious Surface treatment	Volume treated (ft ³)	Other Conditions	Reimbursement Cap
Rain Gardens	Rain gardens must treat impervious surfaces such as roof tops, sidewalks, driveways, or patios	Rain gardens must comply with Maryland Department of Environment Stormwater Design Manual, chapter 5 (2000)	<ul style="list-style-type: none"> • Rain garden cannot contain design flaws, fail to treat water quality, or create drainage problems. • Maximum sheet flow distance to garden is 25' • Must meet planting requirements • Minimum garden size is 75 square feet 	75% of the project cost up to \$5,000

Best Management Practice (BMP)	Impervious Surface treatment	Volume treated(ft ³)	Other Conditions	Reimbursement Cap
Rainwater Harvesting	Rain Barrels and/or cisterns must treat impervious surfaces from roof tops	<ul style="list-style-type: none"> • 250 gallon minimum for Single Family Home • 100 gallon minimum for Townhomes 	Rain barrels or cisterns must be recertified every 3 years.	75% of the project cost up to \$750 — \$2 per gallon of treated volume

Best Management Practice (BMP)	Impervious Surface treatment	Other Conditions	Reimbursement Cap
Impervious Surface Removal	Minimum amount removed and restored to permeable surface is 100 SF	Must return area to a natural planted state, or cover with permeable hardscaping (must meet criteria in permeable hardscaping section);	75% of the project cost up to \$2,000

Best Management Practice (BMP)	Impervious Surface treatment	Volume treated (ft ³)	Other Conditions	Reimbursement Cap
Conservation Landscaping	Must treat impervious surfaces such as roof tops, sidewalks, driveways, or patios to receive credit towards the Watershed Protection Fee (WPF)	Conservation Landscaping must comply with Maryland Department of Environment Stormwater Design Manual, chapter 5 (2009)	<ul style="list-style-type: none"> • Must have 2"-3" ponding to receive WPF credit • 6" soil de-compaction, 2" soil amendment tilled into de-compacted soil • Minimum size 150 SF • Maximum sheet flow distance to garden is 25' • Must meet planting requirements 	75% of the project cost up to \$3,000

Best Management Practice (BMP)	Impervious Surface treatment	Volume treated(ft ³)	Other Conditions	Reimbursement Cap
Permeable Hardscaping	Minimum paved area of 100 ft ²	Permeable hardscapes must comply with Maryland Department of Environment Stormwater Design Manual, chapter 5 (2009)	Installer must have ICPI certification	75% of the project cost up to \$5,000

Best Management Practice (BMP)	Impervious Surface treatment	Volume treated (ft ³)	Other Conditions	Reimbursement Cap
Dry Wells	Dry Wells must treat impervious surfaces such as roof tops, sidewalks, driveways, or patios	Dry Wells must comply with Maryland Department of Environment Stormwater Design Manual, chapter 5 (2009)	Demonstrate A or B Hydrologic Soil Groups or 0.52 inch per hour or higher infiltration rate within 50 feet of the proposed dry well site.	75% of the project cost up to \$2,000

Best Management Practice (BMP)	Impervious Surface treatment	# of trees	Other Conditions	Reimbursement Cap
Urban Tree Canopy Expansion	Trees must intercept runoff from impervious surfaces such as roof downspouts, patios, driveways, or sidewalks.	Minimum 2 trees planted	<ul style="list-style-type: none"> Deciduous: minimum 1 inch caliper; Evergreen: minimum 3 feet tall. Maximum sheet flow distance from impervious source to tree is 75' Species must not be invasive. Appropriate species can be found in Appendix D. 	75% of project cost up to \$1,000. Maximum of \$150 per tree.

Best Management Practice (BMP)	Impervious Surface treated (ft ²)	Volume (ft ³)	Other Conditions	Reimbursement Cap
Green Roofs	300 or ¼ roof	n/a	<ul style="list-style-type: none"> Must be installed by certified contractor and comply with Maryland Department of Environment Stormwater Design Manual, chapter 5 (2009) 	75% of the project cost up to \$7,000

Planting Requirements for all vegetated BMP's

- **Must contain 75% native plants (# of plants, not size, cost or coverage area)**
- **No plants invasive to Maryland**
- **Planting density to assume full coverage of landscaped area after 3 years**
- **Minimum of 2" mulch at initial planting**

Maryland Department of Environment Stormwater Manual

Chapter 5 Environmental Site Design
Maryland Stormwater Design Manual