

MDE approved BMPs for Trading

Updated 10.17.18

Note: This is not a comprehensive list of all applicable BMPs, additional BMPs may be added in the future. For questions about adding in additional BMPs, please contact MDE's Water Quality Administrator.

All BMPs listed are also Chesapeake Bay Partnership approved BMPs

MDE BMP Code	MDE BMP Name	CBP BMP Name	Performance Standard BMP?
Urban Practices for Stormwater			
Alternative Surfaces (A)			If all data elements exist, these practices may generate credit as Stormwater Performance BMPs.
AGRE	Green Roof - Extensive	Green Roofs	Runoff Reduction
AGRI	Green Roof -Intensive	Green Roofs	Runoff Reduction
APRP	Permeable Pavements	Permeable Pavement	Runoff Reduction
ARTF	Reinforced Turf	Vegetated Treatment Area	Runoff Reduction
Nonstructural Techniques (N)			
NDRR	Disconnection of Rooftop Runoff	Disconnection of Rooftop Runoff	Runoff Reduction
NSCA	Sheetflow to Conservation Areas	Vegetated Treatment Area	Runoff Reduction
Micro-Scale Practices (M)			
MRWH	Rainwater Harvesting	Cisterns & Rain Barrels	Runoff Reduction
MSGW	Submerged Gravel Wetlands	Wet Ponds & Wetlands	Stormwater Treatment
MILS	Landscape Infiltration	Infiltration Practices	Runoff Reduction
MIBR	Infiltration Berms	Infiltration Practices	Runoff Reduction
MIDW	Dry Wells	Dry Well	Runoff Reduction
MMBR	Micro-Bioretenion	Bioretention	Runoff Reduction
MRNG	Rain Gardens	Rain Garden	Runoff Reduction
MSWG	Grass Swale	Dry Swale	Runoff Reduction
MSWW	Wet Swale	Vegetated Open Channels	Stormwater Treatment
MSWB	Bio-Swale	Bioswale	Runoff Reduction
MENF	Enhanced Filters	Filtering Practices	Stormwater Treatment
Structural BMPs			
Ponds (P)			
PWED	Extended Detention Structure, Wet	Wet Extended Detention	
PWET	Retention Pond (Wet Pond)	Wet Pond	Stormwater Treatment
PMPS	Multiple Pond System	Wet Pond	Stormwater Treatment
PPKT	Pocket Pond	Wet Pond	Stormwater Treatment
PMED	Micropool Extended Detention Pond	Micropool Extended Detention	Stormwater Treatment
Wetlands (W)			
WSHW	Shallow Marsh	Wet Ponds & Wetlands	Stormwater Treatment
WEDW	ED - Wetland	Wet Ponds & Wetlands	Stormwater Treatment
WPWS	Wet Pond - Wetland	Wet Ponds & Wetlands	Stormwater Treatment
WPKT	Pocket Wetland	Wet Ponds & Wetlands	Stormwater Treatment
Infiltration (I)			
IBAS	Infiltration Basin	Infiltration Practices	Runoff Reduction
ITRN	Infiltration Trench	Infiltration Practices	Runoff Reduction
Filtering Systems (F)			
FBIO	Bioretention	Bioretention	Runoff Reduction
FSND	Sand Filter	Filtering Practices	Stormwater Treatment
FUND	Underground Filter	Filtering Practices	Stormwater Treatment
FPER	Perimeter (Sand) Filter	Filtering Practices	Stormwater Treatment
FORG	Organic Filter (Peat Filter)	Filtering Practices	Stormwater Treatment
Open Channels (O)			
ODSW	Dry Swale	Dry Swale	Runoff Reduction
OWSW	Wet Swale	Vegetated Open Channels	Stormwater Treatment

Other Practices (X)			
XDPD	Detention Structure (Dry Pond)	Dry Detention Ponds & Hydrodynamic Structures	
XDED	Extended Detention Structure, Dry	Dry Extended Detention Ponds	
XFLD	Flood Management Area	Dry Detention Ponds & Hydrodynamic Structures	
XOGS	Oil Grit Separator	Dry Detention Ponds & Hydrodynamic Structures	
XOTH	Other	Dry Detention Ponds & Hydrodynamic Structures	
MDE Approved Alternative BMP Classifications			
MSS	Mechanical Street Sweeping	Street Sweeping	
VSS	Regenerative/Vacuum Street Sweeping	Street Sweeping	
IMPP	Impervious Surface Elimination (to pervious)	Reduction of Impervious Surface	Runoff Reduction
FPU	Planting Trees or Forestation on Pervious Urban	Tree Planting	
SDV	Storm Drain Vacuuming	Storm Drain Cleaning	
STRE	Stream Restoration	Stream Restoration Urban	
SPSC	Regenerative Step Pool Conveyance	Regenerative Stormwater Conveyance	Runoff Reduction
SHST	Shoreline Management	Urban Shoreline Management	
SEPD	Septic Denitrification	Septic Denitrification	
SEPC	Septic Connection to WWTP	Septic Connections	
MDE Approved Point Source Practices that can be used to determine baselines and generate credits			
Upgrade of existing municipal minor WWTP			
Retirement of an existing municipal minor WWTP after connecting to ENR facility			
Performance of significant industrial facility below applicable allocation limit			
TMDL loading allocation as trading baseline for minor industrial facilities			
Connection, and retirement, of OSDs to ENR facility			
Land application of wastewater with pre-treatment and nutrient management controls			
ENR facility reduction in design flow below WLA			
ENR facility reduction below permit concentrations			
ENR facility with added permit benchmarks for providing performance based credits to MS4s.			
Additional BMPs			
Algal Turf Scrubbers			
Proprietary Flow Control/Measurement devices on wet ponds			Stormwater Treatment
Oyster Aquaculture			