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MS4 Resource: BMP Crosswalk

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EPA Region 1

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BMP convention crosswalk.

This table provides conventional naming conventions for common best management practices (BMPs) in the NH and MA manuals. The EPA Pollutant Curves column matches systems to how they would be modeled with the performance curves. The cost estimate column matches systems with how they would be estimated with the cost memo.

Massachusetts Stormwater Manual	New Hampshire Stormwater Manual	EPA Pollutant Curves	EPA Cost Estimates
Bioretention Areas & Rain Gardens (with infiltration)	Bioretention System (with infiltration)	Infiltration Basin	Bioretention
Bioretention Areas & Rain Gardens (underdrain, no infiltration)	Bioretention System (underdrain, no infiltration)	Biofiltration	Biofiltration
Proprietary Media Filters	Tree Box Filter	Biofiltration	Biofiltration
Extended Detention Wetlands	Extended Detention Wetlands	Dry Pond	Dry Pond
Extended Dry Detention Basins	Micropool Extended Detention Pond	Dry Pond	Dry Pond
Dry Detention Basins		Dry Pond	Dry Pond
Infiltration Basins	In-Ground Infiltration Basin	Infiltration Basin	Infiltration Basin
Wet Basins	Wet Pond	Wet Pond	Wet Pond
Wet Basins	Wet Extended Detention Pond	Wet Pond	Wet Pond
Wet Basins	Multiple Pond System	Wet Pond	Wet Pond
Wet Basins	Pocket Pond	Wet Pond	Wet Pond
Porous Pavement	Permeable Pavement	Porous Pavement	Porous Pavement
Water Quality Swale	Treatment Swales	Grass Swale	Grass Swale
Sand & Organic Filters	Surface Sand Filter	Sand Filter	Sand Filter
Infiltration Trenches	Infiltration Trench	Infiltration Trench	Infiltration Trench
Dry Wells	Dry Well	Infiltration Trench	NA
Leaching Catch Basin	Leaching Basin	Infiltration Trench	NA
Subsurface Structures	Underground (Subsurface) Infiltration Basin	Infiltration Trench	Infiltration Trench
Gravel Wetlands	Gravel Wetlands	Gravel Wetland	Gravel Wetland
Basin/Wetland System	Pond/Wetland Systems	Gravel Wetland	Gravel Wetland
Shallow Marsh System	Shallow Wetlands	Gravel Wetland	Gravel Wetland
Pocket Wetland		Gravel Wetland	Gravel Wetland

Systems that need additional description/credit	Systems that need additional description/credit		
	Buffers		
	Underground Sand Filters		
Green Roofs	Green Roofs		
*Rainbarrels & Cisterns	*Rainbarrels/Cisterns		
*Impervious Cover Disconnection	*Impervious Cover Disconnection		

*Appendix F attachment 3 of the NH and MA MS4 permit includes methods to design and quantify associated nutrient load reduction credits for impervious cover disconnection and removal including use of rainbarrels.

** Note this is not an exhaustive list of BMPs but rather a simple and uniform approach to crediting. Additional BMP performance curves are anticipated as the need arises.