

LAND MANAGEMENT

233 Attachment 6

Township of Galloway

Best Management Practice	TSS Percent Removal Rate	Total Phosphorus Percent Removal Rate	Total Nitrogen Percent Removal Rate
Bioretention systems	90	60	30
Constructed stormwater wetland	90	50	30
Extended detention basin	40-60 (final rate based upon detention time; see New Jersey BMP Manual, Chap. 9)	20	20
Infiltration basin	80	60	50
Manufactured treatment device	Pollutant removal rates as certified by NJDEP; see Subsection C.	Pollutant removal rates as certified by NJDEP; see Subsection C.	Pollutant removal rates as certified by NJDEP; see Subsection C.
Pervious paving systems	80 (porous paving)	60	50
	80 (permeable pavers with storage bed)		
	0 – volume reduction only (permeable pavers without storage bed)	0 – volume reduction only (permeable pavers without storage bed)	0 – volume reduction only (permeable pavers without storage bed)
Sand filter	80	50	35
Vegetative filter strip (For filter strips with multiple vegetated covers, the final TSS removal rate should be based upon a weighted average of the adopted rates shown in Table 2, based upon the relative flow lengths through each cover type.)	60 (turf grass)	30	30
	70 (native grasses, meadow and planted woods)		
	80 (indigenous woods)		
Wet pond/retention basin	50-90 (final rate based upon pool volume and detention time; see NJ BMP Manual)	50	30

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² Source: N.J.A.C. 7:8-5.5(c) and New Jersey BMP Manual Chapter 4.