

ATTACHMENT 1

Pollutant/Condition of Concern to BMP Relationships

BMP	Pollutant/Condition of Concern									Reference
	Dissolved oxygen (DO) ¹	Metals	Nutrients	Pathogen indicator/ bacteria	Pesticides ¹	Runoff volume and flow ¹	Sediment/Total suspended solids (TSS)	Trash ²	Waste material ¹	
SC - All source controls (collective)	x	x	x	x	x	x	x	x	x	CASQA Stormwater BMP Handbook - Municipal (2003)
SC - Catch basin cleaning	x	x	x	x	x	x	x	x	x	CASQA Stormwater BMP Handbook - Municipal (2003)
SC - Education	x	x	x	x	x	x	x	x	x	CASQA Stormwater BMP Handbook - Municipal (2003)
SC - Street sweeping	x	x			x	x	x	x	x	CASQA Stormwater BMP Handbook - Municipal (2003)
SC-/TC - Roof runoff controls	x	x	x	x	x	x	x	x	x	CASQA Stormwater BMP Handbook - Development (2003)
TC - Bioretention	x	x		x	x	x	x	x	x	CASQA Stormwater BMP Handbook - Industrial and Commercial (2003) ³
TC - Constructed wetland	x	x		x	x	x	x	x	x	CASQA Stormwater BMP Handbook - Industrial and Commercial (2003) ³
TC - Extended detention basin	x				x	x		x	x	CASQA Stormwater BMP Handbook - Industrial and Commercial (2003) ³
TC – Infiltration basin	x	x	x	x	x	x	x	x	x	CASQA Stormwater BMP Handbook - Industrial and Commercial (2003) ³
TC - Infiltration trench	x	x	x	x	x	x	x	x	x	CASQA Stormwater BMP Handbook - Industrial and Commercial (2003) ³
TC - Media filter	x	x			x	x	x	x	x	CASQA Stormwater BMP Handbook - Industrial and Commercial (2003) ³
TC - Pervious pavement	x	x	x	x	x	x	x	x	x	CASQA Stormwater BMP Handbook - Development (2003)
TC - Vegetated buffer strip	x	x			x	x	x	x	x	CASQA Stormwater BMP Handbook - Industrial and Commercial (2003) ³
TC - Vegetated swale	x				x	x		x	x	CASQA Stormwater BMP Handbook - Industrial and Commercial (2003) ³
TC - Vortex separator	x	x	x	x	x	x	x	x	x	CASQA Stormwater BMP Handbook - Industrial and Commercial (2003) ³
TC - Wet pond	x	x			x	x	x	x	x	CASQA Stormwater BMP Handbook - Industrial and Commercial (2003) ³

¹ BMP removal efficiencies for dissolved oxygen, pesticides, runoff volume and flow, and waste material are not defined in the CASQA Stormwater BMP Handbooks. For the purposes of this Database and selection queries, these pollutants and conditions of concerns will have a relationship with all BMPs so as to not limit the number of outputs.

² All BMPs are assumed to address trash for the purposes of this information database.

³ Targeted constituents are based on "high pollutant removal" denoted in the CASQA BMP manual.