

**RRBC-TAC -- PRACTICE SUBCOMMITTEE**

**Integrated BMP Information**

	RR (1)	RR (%) (2)	CE (4)	construction \$/cf treated (5)	MB (6)	MB Notes (7)
<b>Green Roof</b>	M	45 -- 60	L	\$225 to \$360	H	CC, GI, OE
<b>Rooftop Disconnect</b>	M	25 -- 50	H	\$4 to \$12	L	LM
<b>Raintanks &amp; Cisterns</b>	M -- H	40 (3)	H	\$15	H	CC, WS, OE
<b>Permeable Pavement</b>	H	45 -- 75	L	\$120	M	OE, LM
<b>Grass Channel</b>	L	10 -- 20	H	\$6	L	GI
<b>Bioretention</b>	H	40 -- 80	M	\$10.50 to \$30	H	CC, CF, GI, OE
<b>Dry (WQ) Swale</b>	M	40 -- 60	M	\$12.50	L	GI
<b>Wet Swale</b>	L	0	M	\$12.50	L	GI
<b>Infiltration BMP</b>	H	50 -- 90	M	\$15	L	LM
<b>ED Pond</b>	L	0 -- 15	H	\$3	L	LM
<b>Soil Amendments</b>	H	50 -- 75	H	\$7.50	H	CC, CF, GI, LM
<b>Sheetflow to Open Space (Filter Strip)</b>	H	50 -- 75	H	\$6	H	CF, GI, LM
<b>Filtering BMP</b>	L	0	M	\$65	L	
<b>Constructed Wetland</b>	L	0	H	\$5	M	CF, GI, OE
<b>Wet Pond</b>	L	0	H	\$4	L	
<b>Riparian Restoration</b>		?				
(1) RR = Runoff Reduction. General capability to reduce the volume of post-development runoff for "small" storms.						
(2) Source: Technical Memorandum: The Runoff Reduction Method (Hirschman et al., 2008)						
(3) Runoff reduction from rainwater harvesting is highly variable, depending on cistern size and use of the water.						
(4) CE = Cost Effectiveness. General measure of cost.						
(5) Median cost per cubic foot treated for a retrofit condition. Source: Urban Stormwater Retrofit Practices (Schueler et al., 2007) (with some intpretation by DJH).						
(6) MB = Multiple Benefits (DJH interpretation)						
(7) CC = climate change; CF = community forestry; WS = water supply; GI = green infrastructure; OE = education/outreach; LM = low maintenance.						