

**Table 4-4. Cost Estimating Guidance Tool Part 1
Stormwater**

Offset/Mitigation	Units	\$/unit	gal/unit/year	\$/gal	Impervious Area Treated per Unit (sf)	Assumptions
recharge impervious surfaces						
leaching catch basin	leaching catch basin	\$ 6,500	22,001	\$ 0.30	2,598	4'diam x 4'deep with 2' stone surround
tree box	tree box	\$ 7,000	5,105	\$ 1.37	603	8'diam x 4'deep
infiltration trench	linear foot	\$ 22	370	\$ 0.06	44	1'l x 1'w x 4'deep
infiltration divider	linear foot	\$ 56	908	\$ 0.06	107	1'l x 3'w x 3'deep
subsurface infiltration	linear foot	\$ 45	1,318	\$ 0.03	156	1'l x 3'w x 5'deep
bioretention cell	linear foot	\$ 30	370	\$ 0.08	44	1'l x 1'w x 4'deep
infiltration basin	square foot	\$ 27	1,016	\$ 0.03	120	1'l x 1'w x 5'deep
reduce impervious surfaces						
removal & vegetation	square foot	\$ 1	7.9	\$ 0.13	1	recharge will vary based on soil type, assumes average of A&B soils using MassDEP Policy
removal & porous asphalt	square foot	\$ 7	14.1	\$ 0.50	1	assumes 1" infiltration based on 4" reservoir course
removal & porous pavers	square foot	\$ 25	14.1	\$ 1.78	1	assumes 1" infiltration based on 4" reservoir course
roof leader disconnection	drywell kit	\$ 5,000	7,177	\$ 0.70	500	2'dia x 2'deep with 2' stone surround, collects 1.8" precipitation off 1,000 sf roof with two drywells. Installation by contractor.
rain barrel	rain barrel	\$ 120	177	\$ 0.68	500	55 gal capacity, collects 0.18" off 1,000 sf roof with two rainbarrels, assumes storage is available for 25% of annual rainfall (e.g., not emptied each time).

