

Attachment A - Table 1

Stormwater Facility Credit Program Credit Percentage Calculation: For Facilities Built According to 2000 and Previous Code Requirements
Single and Multiple BMP Technologies, with Credits for Specific Rate Tiers

% Site Impervious Managed	Basin Type	Design Standard	BMP Classification	Facility	Properties	Percent Reduction by Performance Target				Flow Credit Basis	Rate Tier (3):	
						TSS	Volume	2-yr Peak & Duration	25-yr Peak		Overall Max:	g5
											Facility Credit (1)	Adjusted Facility Credit (2)
Water Quality (WQ) - PGIS Area / Total Imperviousness Ex: Typically not CSO basins												
					Weighting=	60%	40%	0%	0%			
70%	Separated System	6-month, 24-hour storm	Water Quality - Level 1	media filter, oil water separator, wetvault	no infiltration	80%	0%	NA	NA	Media filter (evaluated)	24%	17%
0%	Separated System	6-month, 24-hour storm	Water Quality - Level 2	wetponds, bioswales (basic, wet, and continuous inflow), filter strips	some infiltration (storage)	80%	15%	NA	NA	Wetpond (modeled)	27%	0%
0%	Separated System	6-month, 24-hour storm	Water Quality - Level 3	sand filter, bioretention or pervious pavement without underdrain, bioretention with underdrain	relies entirely on infiltration	95%	98%	NA	NA	Bioret w/o underdrain (modeled)	48%	0%
Flow Control 1 (FC1) (Public Combined Sewer/Capacity Constrained Basin) Ex: CSO with inadequate pipe conveyance and/or ditching												
					Weighting=	0%	25%	40%	35%			
0%	Public Combined Sewer/Capacity Constrained Basins	2- and 25-year peak control	Detention - Level 1	vegetated roof (min. 4" soil depth)	no infiltration (some soil storage and evapotranspiration)	NA	30%	25%	20%	Professional Judgment	13%	0%
0%	Public Combined Sewer/Capacity Constrained Basins	2- and 25-year peak control	Detention - Level 2	cistern, vault, detention pipe or surface detention with impermeable liner	no infiltration	NA	0%	22%	63%	Vault (modeled)	16%	0%
0%	Public Combined Sewer/Capacity Constrained Basins	2- and 25-year peak control	Detention - Level 3	surface detention	minimal infiltration (some soil storage and evapotranspiration)	NA	5%	22%	81%	Pond (evaluated)	19%	0%
0%	Public Combined Sewer/Capacity Constrained Basins	2- and 25-year peak control	Detention - Level 4	infiltration trench, bioretention (cell or planter), or pervious pavement facility all with underdrain	some infiltration (storage)	NA	24%	79%	81%	Professional Judgment	33%	0%
0%	Public Combined Sewer/Capacity Constrained Basins	2- and 25-year peak control	Detention - Level 5	infiltration trench, dry well, bioretention (cell or planter), or pervious pavement facility all without underdrain	relies entirely on infiltration	NA	98%	99%	81%	Infiltration Trench (modeled)	46%	0%
Flow Control 2 (FC2) (Flow Critical Receiving Water Basin) Ex: Creeks and small lakes												
					Weighting=	15%	10%	35%	40%			
0%	Flow Critical Receiving Water Basin	2-, 25- and 100-year peak control	Detention+100yr - Level 1	vegetated roof (min. 4" soil depth)	no infiltration (some soil storage and evapotranspiration)	0%	30%	25%	20%	Professional Judgement	10%	0%
0%	Flow Critical Receiving Water Basin	2-, 25- and 100-year peak control	Detention+100yr - Level 2	cistern, vault, detention pipe or surface detention with impermeable liner	no infiltration	0%	0%	25%	76%	Vault (modeled)	20%	0%
0%	Flow Critical Receiving Water Basin	2-, 25- and 100-year peak control	Detention+100yr - Level 3	surface detention	minimal infiltration (some soil storage and evapotranspiration)	8%	6%	25%	81%	Pond (modeled)	22%	0%
0%	Flow Critical Receiving Water Basin	2-, 25- and 100-year peak control	Detention+100yr - Level 4	infiltration trench, bioretention (cell or planter), or pervious pavement facility all with underdrain	some infiltration (storage)	98%	29%	99%	81%	Professional Judgment	43%	0%
0%	Flow Critical Receiving Water Basin	2-, 25- and 100-year peak control	Detention+100yr - Level 5	infiltration trench, dry well, bioretention (cell or planter), or pervious pavement facility all without underdrain	relies entirely on infiltration	98%	98%	99%	81%	Infiltration Trench (modeled)	46%	0%
Rainwater Harvesting Credit - % of Roof Area												
0%	All	Rainwater use - for Commercial Properties	NA	Tank with reuse	--	NA	NA	NA	NA	--	10%	0%
				Total Adjusted Facility Credit						17%		

Final Parcel Credit Calculation	
Total Adjusted Facility Credit	17%
Rate Tier Multiplier (3)	97.41%
Final Parcel Credit (4)	16%

Notes:

- 1) The facility credit is the scaled weighted average of the percent reductions by performance target.
- 2) The adjusted facility credit is the facility credit multiplied by the percentage of total impervious area managed by the applicable facility.
- 3) The rate tier multiplier is the percentage of the customer's bill attributable to impervious area run-off. Credit is only offered for run-off managed which originates on impervious surface.
- 4) The Final Parcel Credit is the rate tier multiplier multiplied by the sum of a property's adjusted facility credits (i.e., the "total adjusted facility credit"). The Final Parcel Credit is capped at 50%. The Final Parcel Credit is the credit percentage applied to the customer bill.

Rate Tier Multipliers			Tier	Multiplier (3)
General Service/Large Residential (% impervious)	Undeveloped	0-15%	G1	19.57%
	Light	16-35%	G2	48.93%
	Moderate	36-65%	G3	74.27%
	Heavy	66-85%	G4	89.99%
	Very Heavy	86-100%	G5	97.41%
Small Residential (square feet)		<3,000 sq ft	R1	87.78%
		3,000-4,999 sq ft	R2	72.55%
		5,000-6,999 sq ft	R3	70.19%
		7,000-9,999 sq ft	R4	64.48%