

**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): <b>g5</b>	
						TSS	Volume	2-yr Peak & Duration	25-yr Peak		Overall Max: <b>50%</b>	Adjusted Facility Credit (2)
<b>Water Quality (WQ) - PGIS Area / Total Imperviousness</b>						<b>Weighting= 60% 40% 0% 0%</b>						
<b>Ex: Typically not CSO basins</b>												
0%	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%	0%
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%
<b>Flow Control 1 (FC1) (Public Combined Sewer/Capacity Constrained Basin)</b>						<b>Weighting= 0% 25% 40% 35%</b>						
<b>Ex: CSO with inadequate pipe conveyance and/or ditching</b>												
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%
<b>Flow Control 2 (FC2) (Flow Critical Receiving Water Basin)</b>						<b>Weighting= 15% 10% 35% 40%</b>						
<b>Ex: Creeks and small lakes</b>												
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 Judgment	10%	0%
90%	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%	18%
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%
<b>Rainwater Harvesting Credit - % of Roof Area</b>												
0%	All	Rainwater use - for Commercial Properties	NA	Tank with reuse	--	NA	NA	NA	NA	--	10%	0%
<b>Total Adjusted Facility Credit</b>											<b>18%</b>	

<b>Final Parcel Credit Calculation</b>	
Total Adjusted Facility Credit	18%
Rate Tier Multiplier (3)	97.41%
<b>Final Parcel Credit (4)</b>	<b>17%</b>

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

**Notes:**

- The facility credit is the scaled weighted average of the percent reductions by performance target.
- The adjusted facility credit is the facility credit multiplied by the percentage of total impervious area managed by the applicable facility.
- 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.
- 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.