

**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): g5	
						TSS	Volume	2-yr Peak & Duration	25-yr Peak		Overall Max: 50%	Adjusted Facility Credit (2)
Water Quality (WQ) - PGIS Area / Total Imperviousness						Weighting= 60% 40% 0% 0%						
Ex: Typically not CSO basins												
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%
Flow Control 1 (FC1) (Public Combined Sewer/Capacity Constrained Basin)						Weighting= 0% 25% 40% 35%						
Ex: CSO with inadequate pipe conveyance and/or ditching												
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)						Weighting= 15% 10% 35% 40%						
Ex: Creeks and small lakes												
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%
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											18%	

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

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%

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.