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

											Rate Tier (3):	g5
						Percent Reduction by Performance Target					Overall Max:	50%
% Site Impervious Managed	Basin Type	Design Standard	BMP Classification	Facility	Properties	TSS	Volume	2-yr Peak & Duration	25-yr Peak	Flow Credit Basis	Facility Credit (1)	Adjusted Facility Credit (2)
Water Quality (WQ) - PGIS Area / Total Imperviousness												
Ex: Typically not CSO basins					**Weighting=**	**60%**	**40%**	**0%**	**0%**			
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)												
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%**
100%	**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%**	**16%**
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		**16%**

Final Parcel Credit Calculation	
Total Adjusted Facility Credit	16%
Rate Tier Multiplier (3)	97.41%
Final Parcel Credit (4)	**15%**

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 orginates 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.