

# Regional Stormwater Management Program Participation Payment and Urban Watersheds Structural Control Fund Payment Methodology Modifications

## Important Terms and Equations

### Acronyms/Terms

UWSCF – Urban Watersheds Structural Control Fund

SICC – Site Impervious Cover Component

SAC – Site Area Component

RSMP – Regional Stormwater Management Program

CCC – Construction Cost Component

LCC – Land Cost Component

ENR CCI AF – Engineering News Record Construction Cost Index Adjustment Factor

ICAF – Impervious Cover Adjustment Factor

### Equations

UWSCF Payment Calc:  $(SICC * ENR\ CCI\ AF) + Building\ Component + SAC$

RSMP Payment Calc:  $(CCC * ENR\ CCI\ AF) + (LCC * ICAF)$

Where SICC and CCC use the proposed rate structures

units are  $[\$/acre\ (different\ rates) * acres = \$]$

where ICAF is set to 1 for sites with above-average I.C.

*Building Component =  $\$0.10/SF * Building\ SF$*

*Potentially going to be removed from calculation*

*units are  $[\$/SF * SF = \$]$*

$SAC = 80\% * (Appraised\ Land\ Value / Appraised\ Land\ Area) * 3\% * Site\ Area$

units are  $[\$/acre * acre = \$]$

$LCC = 80\% * (Appraised\ Land\ Value / Appraised\ Land\ Area) * 5\% * (Land\ Cost\ Area)$

units are  $[\$/acre * acre = \$]$

Where Land Cost Area may include deductions from the total site area for things like dedicated floodplain easements – these are determined on a site by site basis by Watershed staff

$ICAF = (1.5425 * \text{percent [proposed total] impervious cover}) + 0.1933$

The impervious cover adjustment factor is from the Drainage Charge calculation and adjusts the land cost component up or down based on the total proposed impervious cover relative to the City's weighted average impervious cover (52.3%).