WATER BUDGET CALCULATION FORM

Project Site Address: _____

Authorized Professional Name (First, Last): _____

License Number: _____

Company: _____

Step One:

Enter Total Landscape Area (LA) (sq.ft.)= _____

Enter Special Landscaped Area (SLA) (sq.ft)=_____

Landscaped area (LA) means all planting areas, turf areas and water features in a landscape design plan. The landscape area does not include footprints of buildings or structures, sidewalks, driveways, parking lots, decks, patios, gravel or stone walks, other pervious or non-pervious hardscapes, other non irrigated areas designated for non-development (e.g., open spaces and existing non native vegetation), agricultural uses, commercial nurseries and sod farms.

Special landscaped (SLA) area means an area of the landscaping dedicated solely to edible plants, areas irrigated with recycled water, water features using recycled water, and areas dedicated to active play such as parks, sports fields, golf courses, and where turf provides a playing surface.

Use the above data to complete the Maximum Applied Water Allowance (MAWA) equation:

(26.536) x [(0.7 x _____) + (0.3 x _____)] = _____ **gallons**

Total LA (sq.ft.) **Total SLA (sq.ft.)** **MAWA**

Step Two: Fill out the Hydrozone Table and use the results to determine the Estimated Total Water Use (ETWU).

Sum of Column G = _____ **gallons**

ETWU

Step Three: Use the Hydrozone Table results to determine the Average Irrigation Efficiency.

$\frac{\text{Sum of Column E}}{\text{Sum of Column G}}$ = _____ = _____

Average Irrigation Efficiency

Step Four:

Enter Total **ETWU** from **Step Three** (gallons)		
Enter Total **MAWA** from **Step One** (gallons)		
Is ETWU Less than MAWA?	YES (Complies)	NO (Doesn't Comply)
Enter **Average Irrigation Efficiency**		
Is Average Irrigation Efficiency greater than 0.70?	YES (Complies)	NO (Doesn't Comply)

_____

Signature and Date

Professional Seal

Hydrozone Table

(Also Submit with Calculation Form)

To determine plant factors for hydrozones, use "A Guide to Estimating Irrigation Water Needs of Landscape Planting in California- Landscape Coeffient Method & WUCOLS III" that can be downloaded from California's State Department of Water Resources http://www.water.ca.gov/wateruseefficiency/docs/wucols00.pdf

Note: Surface area of a water feature will be counted as a high water using PF 1.00.

Plant Water Use Type	Plant Factor (PF)
Low	0 - 0.3
Moderate	0.4 - 0.6
High	0.7 - 1.0
SLA and Water Feature	1.00

(A)	(B)	(C)	(D)	(E)	(F)	(G)
Hydrozone	**Irrigation Type**	**Plant Water Use Type** (Low, Moderate, High, Mixed, Water Feature)	**Plant Factor** (PF)	**Hydrozone Area** (HA) (sq ft)	**Irrigation Efficiency** (IE)	**Zone Water Requirement (gal/yr)** 26.536 x PF x HA/IE
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20		SLA	1.00		1.00	

sum of column (E) _____ sum of column (G): _____