

MODEL WATER EFFICIENCY LANDSCAPE ORDINANCE

~WATER EFFICIENT LANDSCAPE WORKSHEET~

(Appendix B)

This worksheet is filled out by the project applicant and it is a required element of the Landscape Documentation Package.

Reference Evapotranspiration (ET₀) 42.8 Annual

Hydrozone # /Planting Description ^a	Plant Factor (PF)	Irrigation Method ^b	Irrigation Efficiency (IE) ^c	ETA ^d (PF/IE)	Landscape Area (sq. ft.)	ETA ^d x Area	Estimated Total Water Use (ETWU) ^e
Regular Landscape Areas							
				Totals	(A)	(B)	
Special Landscape Areas							
				1			
				1			
				1			
				Totals	(C)	(D)	
				ETWU Total			
				Maximum Allowed Water Allowance (MAWA)^e			

^aHydrozone #/Planting Description

E.g.

- 1.) front lawn
- 2.) low water use plantings
- 3.) medium water use planting

^bIrrigation Method

overhead spray
or drip

^cIrrigation Efficiency

0.75 for spray head
0.81 for drip

^dETWU (Annual Gallons Required) =

$ET_0 \times 0.62 \times ETAF \times Area$

where 0.62 is a conversion
factor that converts acre-
inches per acre per year to
gallons per square foot per
year.

^eMAWA (Annual Gallons Allowed) = $(ET_0) (0.62) [(ETAF \times LA) + ((1-ETAF) \times SLA)]$

where 0.62 is a conversion factor that converts acre-
inches per acre per year to gallons per square foot per
year, LA is the total landscape area in square feet, SLA
is the total special landscape area in square feet,
and ETAF is .55 for residential areas and 0.45 for non-
residential areas.

ETAF Calculations

Regular Landscape Areas

Total ETAF x Area	(B)
Total Area	(A)
Average ETAF	$B \div A$

**Average ETAF for Regular Landscape Areas must
be 0.55 or below for residential areas, and 0.45 or
below for non-residential areas.**

All Landscape Areas

Total ETAF x Area	(B+D)
Total Area	(A+C)
Sitewide ETAF	$(B+D) \div (A+C)$

