



WATER EFFICIENT LANDSCAPE WORKSHEET

COUNTY LANDSCAPE ARCHITECT

The project applicant must fill out this worksheet as it is a required element of the Landscape Documentation Package. Complete all sections of the worksheet.

PROJECT INFORMATION

Project Applicant:

Name of Project Applicant	Phone No.
Title	Email
Company	Fax No.
Address (must include City, State and Zip Code)	

Project:

Project's Name	
Assessor's Parcel No.	County Landscape Plan No.
Address (must include City, State and Zip Code)	

Use the information and formulas below to fill out the worksheet and calculations on page 2.

Hydrozone Category ^(a)	PF- Plant Factor
Very Low Water Use	0.0 - 0.1
Low Water Use*	0.2 - 0.3
Moderate Water Use	0.4 - 0.6
High Water Use	0.7 - 1.0

*Artificial turf and temporarily irrigated areas are considered Low Water Use.

Irrigation Method ^(b)	IE- Irrigation Efficiency ^(c)
Filler Pipe for Pools/Spas	1.00
Drip/Subsurface	0.90
Bubblers	0.85
Rotors	0.75
Rotators	0.70
Overhead Spray	0.60

$$ETWU^{(d)} \text{ (Annual Gallons Required)} = Eto \times 0.62 \times ETAF \times Area$$

ETo - see Appendix A in Water Efficient Landscape Design Manual.

0.62 is the conversion factor to gallons per sq. ft.

ETAF is Plant Factor/Irrigation Efficiency.

Area is the Landscaped Area for each hydrozone.

$$MAWA^{(e)} \text{ (Annual Gallons Allowed)} = (ETo)(0.62)[(ETAF \times LA) + ((1 - ETAF) \times SLA)]$$

LA is the total landscape of all hydrozone areas in sq. ft.

SLA is the total special landscape area in square feet.

ETAF is 0.55 for residential areas

ETAF is 0.45 for non-residential areas.



**County of San Diego, PDS, Zoning Division
WATER EFFICIENT LANDSCAPE WORKSHEET**

Continued

REFERENCE EVAPOTRANSPIRATION (ET_o) _____

Hydrozone # / Planting Description ^(a)	Plant Factor (PF)	Irrigation Method ^(b)	Irrigation Efficiency (IE) ^(c)	ETAF (PF/IE)	Landscape Area In Square Feet	ETAF x Area	Estimated Total Water Use (ETWU) ^(d)
Regular Landscape Areas							
#							
#							
#							
#							
#							
#							
#							
#							
#							
#							
#							
#							
#							
				Totals	(A)	(B)	
Special Landscape Areas							
#				1.0			
#				1.0			
#				1.0			
#				1.0			
				Totals	(C)	(D)	
Estimated Total Water Use (ETWU) Total							
Maximum Water Allowance (MAWA) ^(e)							
Irrigation Efficiency (IE) Average**							

**** Average Irrigation Efficiency for overall irrigation system shall meet or exceed 0.75 (total of all efficiency ratings divided by number of hydrozones).**

ETAF CALCULATIONS

Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas and 0.45 or below for non-residential areas. **Provide Totals based on information calculated in Worksheet above.**

Regular Landscape Areas		Totals
Total ETAF x Area	(B) =	
Total Area	(A) =	
Average ETAF	(B) ÷ (A) =	

All Landscape Areas		Totals
Total ETAF x Area	(B+D) =	
Total Area	(A+C) =	
Site wide ETAF	(B+D) ÷ (A+C) =	