



# WATER EFFICIENT LANDSCAPE WORKSHEET

COUNTY LANDSCAPE ARCHITECT

The project applicant must fill out this worksheet for each individual parcel/lot as it is a required element of the Landscape Documentation Package. Complete all sections of the worksheet.

## PROJECT INFORMATION

<b>Project Applicant:</b>	
<i>Name of Project Applicant</i>	<i>Phone No.</i>
<i>Title</i>	<i>Email</i>
<i>Company</i>	<i>Fax No.</i>
<i>Address (must include City, State and Zip Code)</i>	

<b>Project:</b>	
<i>Project's Name</i>	
<i>Assessor's Parcel No.</i>	<i>County Landscape Plan No.</i>
<i>Address (must include City, State and Zip Code)</i>	

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

Hydrozone Category <sup>(a)</sup>	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

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

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

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

**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 0.42 for residential and non-residential areas.



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

*Continued*

**REFERENCE EVAPOTRANSPIRATION (ET<sub>o</sub>) \_\_\_\_\_**

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

**\*\* 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 0.42 or below for residential and 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) =	