

## APPENDIX C: Water Efficient Landscape Worksheet

**This worksheet shall be completed by a Certified WELO Professional and is a required element of the Landscape Documentation Package.**

Reference Evapotranspiration (ETo) for Los Altos Hills = 43.0      Maximum Lawn Area Allowed = 5,000 sq.ft.

Hydrozone # /Planting Description <sup>1</sup>	Plant Factor (PF)	Irrigation Method <sup>2</sup>	Irrigation Efficiency (IE) <sup>3</sup>	ETAF (PF/IE)	Landscape Area (sq.ft)	ETAF x Area	Estimated Total Water Use (ETWU) <sup>4</sup>
<b>Regular Landscape Areas</b>							
				Totals	(A)	(B)	
<b>Special Landscape Areas</b>							
				Totals	(C)	(D)	
<b>ETWU Total</b>							
<b>Parcel Water Budget (PWB)<sup>5</sup></b>							

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

### ETAF Calculations

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

All Landscape Areas	
Total ETAF x Area	(B+D)
Total Area	(A+C)
Sitewide ETAF	(B+D) ÷ (A+C)

- 1) Hydrozone #/Planting Description  
e.g. 1. Low water use plantings  
2. Medium water use plantings  
3. High water use planting  
4. Lawn
  
- 2) Irrigation Method  
Overhead spray or drip
  
- 3) Irrigation Efficiency  
0.75 for spray head  
0.81 for drip
  
- 4) ETWU (Annual Gallons Required) =  
**43 x 0.62 x ETAF x Area**  
where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year.
  
- 5) PWB (Annual Gallons Allowed) =  
**(1.0-slope) (0.8) (43.0) (0.62) [0.55 x (An-MDA) + (0.45 x SLA)]**  
PWB= Parcel water budget (units per year)  
Slope = Average slope of the parcel or lot as a percentage of 1.0 to the nearest hundredth  
0.8 = Water conservation factor  
43.0 = Reference evapotranspiration (ETo) in Los Altos Hills, in inches/year  
0.62 = Conversion factor (to gallons)  
0.55 = ET adjustment factor (ETAF)  
An = Net lot area (square feet)  
MDA = The maximum development area (in square feet) allowed for the property.  
0.45 = Additional water allowance for SLA  
SLA = Special landscape area (square feet)  
748 = Number of gallons in a unit (100 cubic feet) of water