

**Riverside County Ordinance 859 Landscape Water Use Calculations**

**Project Type Residential  
(Insert Project Name, Description)**

0.50 ETo allowance

Applicant to use drop down menus in cells that indicate a selection to describe each hydrozone.

Where "INPUT" is shown, applicant to enter project specific information.

Please note that embedded formulas will reflect as 'false' or as an error until selections are completed.

**1 Maximum Annual Water Allowance (MAWA)**

INPUT the total square footage of landscape =  S.F.  
 INPUT the Hist. ETo for the area =

**MAWA = 4,160 cu ft / yr**

**2 Estimated Annual Water Use (EAWU)**

	Plant Type*	Water Use
<b>Hydrozone # 1</b> INPUT Square Foot Area of Hydrozone = <input type="text" value="100"/> Hydrozone Irrigation Efficiency = 0.85 EAWU = <input type="text" value="109"/> cu ft / yr	Plant Factor = 0.2 <i>Trees / Mulch</i> Bubblers	Low
<b>Hydrozone # 2</b> INPUT square footage of hydrozone = <input type="text" value="1,100"/> Hydrozone Irrigation Efficiency = 0.80 EAWU = <input type="text" value="1,271"/> cu ft / yr	Plant Factor = 0.2 <i>Shrubs / Groundcover</i> In-line Drip-Sparsely Planted	Low
<b>Hydrozone # 3</b> INPUT square footage of hydrozone = <input type="text" value="300"/> Hydrozone Irrigation Efficiency = 0.90 EAWU = <input type="text" value="770"/> cu ft / yr	Plant Factor = 0.5 <i>Shrubs / Groundcover</i> Point Source Drip	Moderate
<b>Hydrozone # 4</b> INPUT square footage of hydrozone = <input type="text" value="300"/> Hydrozone Irrigation Efficiency = 0.85 EAWU = <input type="text" value="1,305"/> cu ft / yr	Plant Factor = 0.8 <i>Turf - Back Yard</i> In-line Drip-Densely Planted	High
<b>Hydrozone # 5</b> INPUT square footage of hydrozone = <input type="text" value="0"/> Hydrozone Irrigation Efficiency = 1 EAWU = <input type="text" value="0"/> cu ft / yr	Plant Factor = 0 n/a	n/a
<b>Hydrozone # 6</b> INPUT square footage of hydrozone = <input type="text" value="0"/> Hydrozone Irrigation Efficiency = 1 EAWU = <input type="text" value="0"/> cu ft / yr	Plant Factor = 0 n/a	n/a

SubTotal EAWU = 3,455 cu ft / yr  
 Input Irrigation System Operation Factor   
**Total EAWU = 4,065**  


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**MAWA - EAWU = 95 cu ft / yr**  
 (this number must be positive)

PERCENTAGE OF WATER SAVED RELATIVE TO MAX. ALLOWED = 2%

\* Trees are not required to be listed as a separate hydrozone if understory is planted with plants of an equal or higher plant factor, and foot area is already included in calculations.