Riverside County Ordinance 859 Landscape Water Use Calculations

**Eastvale Marketplace**

1. **Maximum Annual Water Allowance (MAWA):**
   - INPUT: the total square footage of landscape = 74,525 S.F.
   - INPUT: the Hist. ETo for the area = 56.4
   - MAWA = 1,916 gal / yr

2. **Estimated Annual Water Use (EAWU):**
   - **Hydrozone #1**
     - INPUT: Plant Factor = 0.5 (Med)
     - INPUT: square footage of hydrozone = 7,484 S.F.
     - INPUT: hydrozone irrigation efficiency = 0.9
     - EAWU = 194 gal / yr
   - **Hydrozone #2**
     - INPUT: Plant Factor = 0.2 (Low)
     - INPUT: square footage of hydrozone = 70,595 S.F.
     - INPUT: hydrozone irrigation efficiency = 0.9
     - EAWU = 733 gal / yr
   - **SubTotal EAWU:** 927 gal / yr
   - **Input Irrigation System Operation Factor:** 0.85
   - **Total EAWU:** 1,091 gal / yr

**MAWA < EAWU:** 825 cu ft / yr

*(this number must be positive)*