



WATER EFFICIENT LANDSCAPE WORKSHEET
 ORDINANCE NO. 09 – O – 2574
 California Department of Water Resources MWELO Section 490

NOTE: *This worksheet is filled out by the project applicant and it is a required element of the Landscape Documentation Package. Please complete all sections (A and B) of the worksheet.*

SECTION A. HYDROZONE INFORMATION TABLE

Please complete the hydrozone table(s) for each hydrozone. Use as many tables as necessary to provide the square footage of landscape area per hydrozone.

Hydrozone*	Zone or Valve	Irrigation Method**	Area (square feet)	% of Landscape Area
Total				

Hydrozone*
 HW High Water Use Plants
 MW Moderate Water Use Plants
 LW = Low Water Use Plants

****Irrigation Method**
 MS = Micro-spray
 S = Spray
 R = Rotor
 B= Bubbler
 D= Drip
 O= Other



SECTION B. WATER BUDGET CALCULATIONS

Section B1. Maximum Applied Water Allowance (MAWA) MWELo Section 491

The project's Maximum Applied Water Allowance shall be calculated using this equation:

$$MAWA = (ETo)(0.62)[(ETAF \times LA) + ((1-ETAF) \times SLA)]$$

where:

MAWA = Maximum Applied Water Allowance (gallons per year)

ETo = Reference Evapotranspiration (Beverly Hills ETo = 48.5) (inches per year) = 48.5

ETAF = ET Adjustment Factor : Residential 0.55; Commercial 0.45 = _____

LA = Landscaped Area includes Special Landscape Area (square feet) = _____

0.62 = Conversion factor (to gallons per square foot) = 0.62

SLA = Portion of the landscape area identified as Special Landscape Area (sq. ft.) = _____

Maximum Applied Water Allowance = _____ gallons per year

Show calculations.

Effective Precipitation (Eppt) MWELo Section 494

If considering Effective Precipitation, use 25% of annual precipitation. Use the following equation to calculate Maximum Applied Water Allowance:

$$MAWA = (ETo - Eppt) (0.62)[(ETAF \times LA) + ((1-ETAF) \times SLA)]$$

Maximum Applied Water Allowance = _____ gallons per year

Show calculations.



Section B2. Estimated Total Water Use (ETWU)

The project's Estimated Total Water Use is calculated using the following formula:

$$ETWU = (ETo)(0.62)((PF \times HA)/IE) + SLA$$

where:

- ETWU* = Estimated total water use per year (gallons per year)
- ETo* = Reference Evapotranspiration (inches per year)
- PF* = Plant Factor from WUCOLS (see Definitions)
- HA* = Hydrozone Area [high, medium, and low water use areas] (square feet)
- SLA* = Special Landscape Area (square feet)
- 0.62* = Conversion Factor (to gallons per square foot)
- IE* = Irrigation Efficiency (0.75 for overhead spray and 0.81 for drip systems)

Hydrozone Table for Calculating ETWU

Please complete the hydrozone table(s). Use as many tables as necessary.

Hydrozone	Plant Water Use Type(s)	Plant Factor (PF)	Area (HA) (square feet)	PF x HA (square feet)
			<i>Sum</i>	
	<i>SLA</i>			

Estimated Total Water Use = _____ gallons

Show calculations.



CERTIFICATE OF COMPLETION

This certificate is filled out by the project applicant upon completion of the landscape project.

PART 1. PROJECT INFORMATION SHEET

Date		
Project Name		
Name of Project Applicant	Telephone	
	Fax	
Title	Email Address	
Company	Street Address	
City	State	Zip Code

Project Address and Location:

Street Address		Parcel, Tract or Lot Number (if available)
City		Latitude/Longitude (optional)
State	Zip Code	

Property Owner or his/her designee:

Name	Telephone	
	Fax	
Title	Email Address	
Company	Street Address	
City	State	Zip Code

Property Owner

"I/we certify that I/we have received copies of all the documents within the Landscape Documentation Package and the Certificate of Completion and that it is our responsibility to see that the project is maintained in accordance with the Landscape and Irrigation Maintenance Schedule."

 Property Owner Signature

 Date

Please answer the below questions:

1. Date the Landscape Documentation Package was submitted to the local agency ____/____/____
2. Date the Landscape Documentation Package was approved by the local agency ____/____/____
3. Date that a copy of the Water Efficient Landscape Worksheet (including the Water Budget Calculation) was submitted to the local water purveyor ____/____/____



PART 2. CERTIFICATION OF INSTALLATION ACCORDING TO THE LANDSCAPE DOCUMENTATION PACKAGE

"I/we certify that based upon periodic site observations, the work has been substantially completed in accordance with the ordinance and that the landscape planting and irrigation installation conform to the criteria and specifications of the approved Landscape Documentation Package."

Signature*	Date	
Name (print)	Telephone	
	Fax	
Name of Project Applicant	Email Address	
License No. or Certification No.		
Company	Street Address	
City	State	Zip Code

*Signer of the landscape design plan, signer of the irrigation plan or a licensed landscape contractor.

PART 3. IRRIGATION SCHEDULING

Attach parameters for setting the irrigation schedule on controller per ordinance Section 492.10.

PART 4. SCHEDULE OF LANDSCAPE AND IRRIGATION MAINTENANCE

Attach schedule of Landscape and Irrigation Maintenance per ordinance Section 492.11.

PART 5. LANDSCAPE IRRIGATION AUDIT REPORT

Attach Landscape Irrigation Audit Report per ordinance Section 492.12.

PART 6. SOIL MANAGEMENT REPORT

Attach soil analysis report, if not previously submitted with the Landscape Documentation Package per ordinance Section 492.5.

Attach documentation verifying implementation of recommendations from soil analysis report per ordinance Section 492.5.

