

WATER EFFICIENT LANDSCAPE WORKSHEET

Project address: 1234 Oak Avenue, Pasadena, CA 91101

Project scope: New Construction

City/County: Pasadena, Los Angeles County

Reference Evapotranspiration (ETo) = 52.5 in/yr

HYDROZONE #/PLANTING DESCRIPTION ^A	PLANT FACTOR (PF)	WATER USE (WUCOLS) ^F	IRRIGATION METHOD ^B	IRRIGATION EFFICIENCY (IE) ^C	ETAF (PF/IE)	LANDSCAPE AREA (SQ. FT.)	ETAF X AREA	ESTIMATED TOTAL WATER USE (ETWU) ^D
Regular Landscape Areas								
1. Frontyard planting	0.20	LOW	Drip / Micro-irrigation	0.81	0.25	405	100	3,255
2. Frontyard tree	0.20	LOW	Drip / Micro-irrigation	0.81	0.25	65	16	522
3. Frontyard groundcover	0.20	LOW	Drip / Micro-irrigation	0.81	0.25	400	98.8	3,215
4. Foundation planting by house	0.20	LOW	Drip / Micro-irrigation	0.81	0.25	215	53.1	1,728
5. Front walkway planting	0.20	LOW	Drip / Micro-irrigation	0.81	0.25	174	43	1,398
6. Backyard planting beds	0.20	LOW	Drip / Micro-irrigation	0.81	0.25	250	61.7	2,009
7. Backyard groundcover	0.50	MODERATE	Drip / Micro-irrigation	0.81	0.62	458	282.7	9,202
8. Backyard planting beds	0.20	LOW	Drip / Micro-irrigation	0.81	0.25	385	95.1	3,094
9. Backyard tree	0.20	LOW	Drip / Micro-irrigation	0.81	0.25	21	5.2	169
10. Swimming pool	1.00	HIGH	Water feature	1.00	1.00	300	300	9,765
					Totals	2,673	1,055.6	
Special Landscape Areas								
<i>No Special Landscape Area declared for this project.</i>								
					Totals	0	0	
ETWU Total								34,358
Maximum Applied Water Allowance (MAWA)^E								47,853

^a **Hydrozone #/Planting Description**
 e.g. 1.) front lawn
 2.) low water use plantings
 3.) medium water use planting

^b **Irrigation Method**
 Overhead Spray or Drip

^c **Irrigation Efficiency**
 0.75 for Spray Head
 0.81 for Drip

^d **ETWU (Annual Gallons Required)**
 = ETo 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.

^f **Water Use (WUCOLS)**
Very Low, Low, Moderate or High,
from the governing plant of the
hydrozone (PF 0.1, 0.2, 0.5, 0.8). A
pool or water feature is High (PF 1.0).

^g **MAWA (Annual Gallons Allowed)** = (ETo)(0.62)[(ETAF x LA) + ((1-ETAF) x SLA)]
where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year, LA is the total landscape area in square feet, SLA is the total Special Landscape Area in square feet, and ETAF is 0.55 for Residential areas and 0.45 for Non-Residential areas.

✓ **WITHIN WATER BUDGET — ETWU 34,358 gal/yr vs. MAWA 47,853 gal/yr**

ETAF Calculations

Regular Landscape Areas

Total ETAF x Area	1,055.6
Total Area	2,673
Average ETAF	0.39

Average ETAF for Regular Landscape Areas must be:
0.55 or below for Residential areas
0.45 or below for Non-Residential areas

All Landscape Areas

Total ETAF x Area	1,055.6
Total Area	2,673
Sitewide ETAF	0.39

Reviewed and signed by:

Licensed professional of record
License no. _____ Date: _____

HYDROZONES INFORMATION TABLE

Project address: 1234 Oak Avenue, Pasadena, CA 91101

Project scope: New Construction

City/County: Pasadena, Los Angeles County

Irrigation Efficiency Default Value for overhead 0.75 and drip 0.81.	
Plant Water Use Type	Plant Factor
Very Low	0 - 0.1
Low	0.2 - 0.3
Medium	0.4 - 0.6
High	0.7 - 1.0
SLA	1

ZONE	VALVE	WUCOLS	DESCRIPTION	AREA (SQ.FT.)	% OF LANDSCAPE	IRRIGATION METHOD	MICROCLIMATE	SLOPE (%)
1	1	LOW	FRONTYARD PLANTING	405	15	DRIP	FULL SUN	2
2	2	LOW	FRONTYARD TREE	65	3	DRIP	FULL SUN	2
3	3	LOW	FRONTYARD GROUNDCOVER	400	15	DRIP	FULL SUN	2
4	4	LOW	FOUNDATION PLANTING BY HOUSE	215	8	DRIP	FULL SUN TO PARTIAL SHADE	2
5	5	LOW	FRONT WALKWAY PLANTING	174	7	DRIP	FULL SUN	2
6	6	LOW	BACKYARD PLANTING BEDS	250	9	DRIP	FULL SUN TO PARTIAL SHADE	2
7	7	MOD	BACKYARD GROUNDCOVER	458	17	DRIP	FULL SUN	2
8	8	LOW	BACKYARD PLANTING BEDS	385	14	DRIP	FULL SUN TO PARTIAL SHADE	2
9	9	LOW	BACKYARD TREE	21	1	DRIP	FULL SUN	2
10	10	HIGH	SWIMMING POOL	300	11	N/A	N/A	N/A
			TOTAL LANDSCAPE AREA WITHOUT POOL	2,373	89			
			TOTAL LANDSCAPE AREA	2,673	100			

Reviewed and signed by: _____ Licensed professional of record License no. _____ Date: _____

PLANT MATERIAL TABLE

Project address: 1234 Oak Avenue, Pasadena, CA 91101

Project scope: New Construction

City/County: Pasadena, Los Angeles County

WUCOLS region: South Inland Valley

HYDROZONE #	BOTANICAL NAME	COMMON NAME	WUCOLS WATER USE CATEGORY ^A	PLANT FACTOR (PF) ^A
Frontyard planting — 405 sq ft — Drip / Micro-irrigation (IE 0.81) — Governing PF 0.20				
1	<i>Callistemon 'Little John'</i>	Little John bottlebrush	Low	0.2
1	<i>Achillea millefolium</i> (CA native cultivars)	yarrow	Low	0.2
Frontyard tree — 65 sq ft — Drip / Micro-irrigation (IE 0.81) — Governing PF 0.20				
2	<i>Cercis occidentalis</i>	western redbud	Low	0.2
Frontyard groundcover — 400 sq ft — Drip / Micro-irrigation (IE 0.81) — Governing PF 0.20				
3	<i>Baccharis pilularis</i> cvs.	dwarf coyote brush	Low	0.2
3	<i>Dudleya</i> spp.	dudleya	Low	0.2
Foundation planting by house — 215 sq ft — Drip / Micro-irrigation (IE 0.81) — Governing PF 0.20				
4	<i>Agave attenuata</i> (and thin-leaved relatives) (Ca native and non-native)	agave	Low	0.2
4	<i>Sedum</i> spp. (some are <i>Hylotelephium</i>)	stone crop	Low	0.2
Front walkway planting — 174 sq ft — Drip / Micro-irrigation (IE 0.81) — Governing PF 0.20				
5	<i>Achillea millefolium</i> (CA native cultivars)	yarrow	Low	0.2
5	<i>Dudleya</i> spp.	dudleya	Low	0.2
Backyard planting beds — 250 sq ft — Drip / Micro-irrigation (IE 0.81) — Governing PF 0.20				
6	<i>Ceanothus 'Julia Phelps'</i>	Julia Phelps ceanothus	Low	0.2
6	<i>Arctostaphylos densiflora</i> cvs.	manzanita cvs. e.g. Howard McMinn, Sentinel	Low	0.2
Backyard groundcover — 458 sq ft — Drip / Micro-irrigation (IE 0.81) — Governing PF 0.50				
7	<i>Muhlenbergia rigens</i>	deer grass	Moderate	0.5
7	<i>Baccharis pilularis</i> cvs.	dwarf coyote brush	Low	0.2
Backyard planting beds — 385 sq ft — Drip / Micro-irrigation (IE 0.81) — Governing PF 0.20				
8	<i>Heteromeles arbutifolia</i>	toyon	Low	0.2

8	<i>Rhus ovata</i>	sugar bush	Low	0.2
Backyard tree — 21 sq ft — Drip / Micro-irrigation (IE 0.81) — Governing PF 0.20				
9	<i>Prunus ilicifolia lyonii</i>	Catalina cherry	Low	0.2
Swimming pool — 300 sq ft — Water feature (IE 1.00) — Governing PF 1.00				
<i>Water feature: no plants. Counted as a High water use hydrozone (PF 1.0).</i>				

^a Water use category and plant factor are taken from WUCOLS for the project's region (South Inland Valley): Very Low = 0.1, Low = 0.2, Moderate = 0.5, High = 0.8. The plant with the highest plant factor governs the hydrozone.

Reviewed and signed by:

Licensed professional of record

License no. _____ Date: _____

CERTIFICATE OF COMPLETION

CALIFORNIA MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO)

PART 1. PROJECT INFORMATION SHEET

This form is to be completed by the **Project Applicant or Owner** upon completion of the landscape.

Project Applicant Information:

Date: <u>10/24/2026</u>	Project Name: <u>Oak Avenue Residence</u>		
Name of Project Applicant: <u>Jane Sample</u>	Company Name (if applicable): <u>N/A</u>		
Telephone #: <u>(555) 123-4567</u>	Street Address: <u>1234 Oak Avenue</u>		
Email: <u>jane.sample@example.com</u>	City: <u>Pasadena</u>	State: <u>CA</u>	Zip Code: <u>91101</u>

Project Address and Location:

Street Address: <u>1234 Oak Avenue</u>		Parcel, tract or lot number(s), if available: <u>5555-012-034</u>	
City: <u>Pasadena</u>		Building Permit Number(s): <u>BP-2026-01234</u>	
State: <u>CA</u>	Zip Code: <u>91101</u>		
Water Supply Type (Check One): ☒ Potable ☐ Recycled ☐ Well ☐ Other (specify):		Water Purveyor: <u>City Water Department</u>	

Property Owner (if different from Applicant):

Name: <u>Same as applicant</u>	Company Name (if applicable):		
Telephone #:	Street Address:		
Email:	City:	State:	Zip Code:

Project Applicant

"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."

Project Applicant Signature

Date

Please answer the questions below:

1. Date the Landscape Documentation Package was submitted to the local agency 08/10/2026
2. Date the Landscape Documentation Package was approved by the local agency 09/02/2026
3. Date that a copy of the Water Efficient Landscape Worksheet (including the Water Budget Calculation) was submitted to the local water purveyor 09/10/2026

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

This form is to be completed by the **Designer of Record** upon completion of the landscape.

Project Address and Location:

Street Address: 1234 Oak Avenue		Parcel, tract or lot number, if available: 5555-012-034	
City: Pasadena		Building Permit Number(s): BP-2026-01234	
State: CA	Zip Code: 91101		

Designer of Record Information:

Name: John Designer		Professional License No. or Certification No.: LA 123456 (sample)	
Title: Landscape Architect		Company: Sample Landscape Design	
Telephone #: (555) 987-6543		Street Address: 500 Garden Street	
Email: john.designer@example.com	City: Pasadena	State: CA	Zip Code: 91101

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

Designer of Record Signature

Date

***** In addition to Parts 1 and 2 above, submit Parts 3 through 8 *****

PART 3. SOIL MANAGEMENT REPORT

- Attach soil analysis report, if not previously submitted with the Landscape Documentation Package per Section 493.1
- Attach documentation verifying implementation of recommendations from soil analysis report per Section 493.1(a)(4)

PART 4. IRRIGATION SCHEDULING

- Attach parameters for setting the irrigation schedule on controller per Section 493.4

PART 5. LANDSCAPE AND IRRIGATION MAINTENANCE SCHEDULE

- Attach schedule of Landscape and Irrigation Maintenance per Section 493.5

PART 6. IRRIGATION AUDIT REPORT

- Attach Landscape Irrigation Audit Report per Section 493.6

PART 7. IMAGES OF INSTALLED LANDSCAPE

- Attach images of the installed landscape and associated irrigation equipment.

PART 8. LANDSCAPE/IRRIGATION RECORD DRAWINGS (AS-BUILTS)

- If significant changes have been made in the field provide record drawing per Section 494(b)(A).