

**Planning Department 168 North Edwards Street** Post Office Drawer L Independence, California 93526

Phone: (760) 878-0263 FAX: (760) 872-2712 E-Mail: inyoplanning@inyocounty.us

# MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO) PRESCRIPTIVE COMPLIANCE FORM (Appendix D) FOR PROJECTS WITH LESS THAN 2,500 SQ FT OF TOTAL LANDSCAPE AREA

#### **Applicant Information**

Name:	
Phone:	
Address:	
Email:	
Project	
Site Address:	
Project Type Residential Non-residential Rehabilitation	
This project does incorporate landscaping equal to or less than 2500 sq. form to identify prescriptive requirements which will be included as part project. (Please provide the information below specific to the landscape location on the plans using the MWELO APPENDIX – D CHECKLIST below)	of the landscape area and identify the
Total Landscape Area (sq. ft.): Turf Area (sq. ft.):	
Non-Turf Plan Area (sq. ft.): Special Landscape Are	a* (sq. ft.):
Water Type (potable, recycled, well):	

Name of water purveyor (If not served by private well):

Note: Landscape area includes all the planting areas, turf areas, and water features in a landscape design plan subject to the Maximum applied Water Allowance calculation. The landscape area does not include foot prints of buildings or structures, sidewalks, driveways, parking lots, decks, patios, gravel or stone walks, other pervious or non-pervious hardscape, and other non-irrigated areas designated for non-development (e.g., open spaces and existing native vegetation).

# Landscape Design Plan

APPLICANT	ITEM		REVI	REVIEWER LOCATIO	
			PASS	FAIL	
	1. Atta	ach a landscape plan indicating the following:			
	a.	Turf areas			
	b.	High water use planting areas			
	С.	Moderate water use planting areas			
	d.	Low water use planting areas			
	e.	Water features including swimming pools			
	f.	Edible planting areas			
	g.	Areas irrigated with recycled water			

#### Soil

APPLICANT	IT	EM	REVIEWER		LOCATION ON PLANS
			PASS	FAIL	
	1.	Incorporate compost at a rate of at least 4 cubic yards per			
		1,000 square feet to a depth of 6 inches into the landscape			
		area (unless contra-indicated by a soil test).			
	2.	A minimum 3-inch layer of recycled mulch shall be applied on			
		all exposed soil surfaces of planting areas except turf areas, or			
		direct seeding applications where mulch is contraindicated.			

# Irrigation

APPLICANT	ITEM		EWER	LOCATION ON PLANS
		PASS	FAIL	
	<ol> <li>Automatic irrigation controllers are required and must use evapotranspiration or soil moisture data and utilize a rain sensor.</li> </ol>			
	<ol> <li>Pressure regulators are installed on the irrigation system to ensure dynamic pressure of the components are within the manufacturer's recommended pressure range.</li> </ol>			
	<ol> <li>Irrigation controllers shall be of a type which does not lose programming data in the event the primary power source is interrupted.</li> </ol>			
	3. Manual-shut-off valves (such as gate, ball or butterfly valves) are installed as close as possible to the point of connection of the water supply.			
	4. All irrigation emission devices must meet the requirements set in the ANSI standard ASABE/ICC 802-2014 "Landscape Irrigation Sprinkler and Emitter Standard." All sprinkler heads installed must have a distribution uniformity low quarter of 0.65 or higher using the protocol defined in ASABE/ICC 802- 2014.			
	<ol> <li>Areas less than 10 feet in width in any direction shall be irrigated with subsurface irrigation or other means that produces no runoff or overspray.</li> </ol>			
	<ol> <li>For non-residential projects with landscape areas of 1,000 sf or more, private sub- meter(s) to measure landscape water use shall be installed.</li> </ol>			

### Plants

APPLICANT	ITE	M		REVIEWER		LOCATION ON PLANS
				PASS	FAIL	
	1.	Pla	nt material shall comply with the following:			
		a.	Residential projects only:			
			<ol> <li>75% of landscape area shall consist of plants that use little or no summer water (WUCOLS plant factor of 0.3 or lower), excluding edibles or areas using recycled water.</li> </ol>			
			II. No more than 25% of the landscape area will be planted with high water using plants			
		b. res	Non-residential projects only (including multifamily idential):			
			<ol> <li>100% of the landscape area shall consist of plants that use little or no summer water (WUCOLS plant factor of 0.3 or lower), excluding edibles or areas using recycled water</li> </ol>			
		c.	No invasive plants are planted. No plant species listed by the California Invasive Plant Council's "Don't Plant a Pest" brochure as invasive in the San Francisco Bay Area shall be planted.			
	2.	The	e use of turf shall comply with all of the following:			
		a.	In nonresidential areas, turf shall not used			
		b.	In residential areas:			
			<ol> <li>Turf, high water use plants, and water features shall, combined, not exceed 25% of the landscape area</li> </ol>			
			II. Turf shall not be planted on slopes which exceed a slope of 1 foot vertical elevation change for every 4 feet or horizontal length			
			III. Turf is prohibited in parkways less than 10 feet wide. Exception: Parkway is adjacent to a parking strip and used to exit and enter vehicles AND turf is irrigated with subsurface irrigation			
		<u>htt</u>	JCOLS plants database can be found online at: <u>p://ucanr.edu/sites/WUCOLS/</u> "Don't Plant a Pest" brochure n be found at <u>http://cal-ipc.org/landscaping/dpp/</u>			

### Signature

I agree to comply with the requirements of the prescriptive compliance option of the Model Water Efficient Landscape Ordinance – Appendix D.

Signature of Applicant or Property Owner or authorized representative

Date



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### CERTIFICATE OF COMPLETION - Prescriptive Path (Appendix D) MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO)

#### **Applicant Information**

Name:	
Title & Co	ompany
Name:	
Phone:	
Address:	
Email:	

#### **Project Information**

Date:	
Project Name:	
Project Site Address:	
Parcel or Lot Number:	
-	

#### **Owner Information**

Owner Name:	
Owner Phone Number:	
Owner Address:	
Owner Email:	

#### **Property Owner Certification**

"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 my/our responsibility to see that the project is maintained in accordance with the Landscape and Irrigation Maintenance Schedule."

Property Owner Signature

Date



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### CERTIFICATE OF INSTALLATION - *Prescriptive Path* (Appendix D) MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO)

To be signed by the signer of the Landscape Design Plan or the Irrigation Design Plan or by the licensed landscape contractor

"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. As-built drawings have been provided to document any major modifications of the approved Landscape Documentation Package. Significant changes made during construction comply with the ordinance."

Professional/Contractor Signature:	
Date:	
Print Name:	
License Number:	

### **Additional Modifications**

Applicant: If major modifications were made in construction from the submitted plans, attach record drawings (as-builts)

- □ No major modifications
- □ As-builts attached

## **ADDITIONAL ATTACHMENTS**

#### □ IRRIGATION SCHEDULING

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

#### □ SCHEDULE OF LANDSCAPE AND IRRIGATION MAINTENANCE

Attach schedule of Landscape and Maintenance per ordinance Section 492.11.\*

\* California Code of Regulations, Title 23, Division 2, Chapter 2.7 Model Water Efficient Landscape Ordinance

https://govt.westlaw.com/calregs/Browse/Home/California/CaliforniaCodeofRegulations? guid=IBBB0A9505B6E 11EC9451000D3A7C4BC3&originationContext=documenttoc&transitionType=Default&contextData=(sc.Default)



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# **IRRIGATION SCHEDULE**

#### Project Address:\_\_\_\_\_

- Irrigation schedules will be regulated using a weather-based irrigation controller / soil moisture sensor based located The controller has a non-volatile memory.
- Irrigation watering will occur typically between the hours of 8pm 10am unless otherwise dictated by weather, drought emergency, system, maintenance, repair and or testing. Drip irrigation typically has longer run times than sprinklers.
- 3) Irrigation schedules will be designed and implemented to meet the California Model Water Efficient Landscape Ordinance or local ordinance's Estimated Total Water Use calculations from approved Landscape Documentation Package. The total annual applied water shall not exceed the Maximum Applied Water Allowance from approved Landscape Documentation package.

4) An establishment irrigation schedule:	Attached	Yes	No
5) A permanent irrigation schedule:	Attached	Yes	No
6) Temporary irrigated areas schedule:	Applicable	Yes	No

7) The following additional parameters are in place for each hydrozone/station:

<ul> <li>a) Interval between watering events:</li> </ul>	Yes	No
b) Station run times to prevent run off:	Yes	No
c) Number of cycle starts to prevent runoff:	Yes	No
d) A monthly water budget:	Yes	No
e) Type of emission device and application rate:	Yes	No
f) Root depth target:	Yes	No
g) Soil type:	Yes	No
h) Slope:	Yes	No
i) Micro-climate:	Yes	No
j) Distribution uniformity:	Yes	No

8) Copy of the worksheet placed in controller cabinet: Yes No

Signature	Date		
Name (print):	Telephone No.		
	Fax No.		
Title:	Email Address;		
License No. or Certification No.			
Company:	Street Address:		
City:	State:	Zip Code:	



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# SCHEDULE OF LANDSCAPE AND IRRIGATION MAINTENANCE

Project Address: \_\_\_\_\_

Applicant: Write the Plan Sheet Number	Item: Description of Document	Reviewer: Pass	Reviewer: Fail/NA
	<ol> <li>Attach schedule of maintenance for the landscape and irrigation system per ordinance to ensure water efficiency. The attached schedule of landscape maintenance includes:         <ul> <li>a. Routine inspection, auditing, adjusting and repair of the irrigation system</li> </ul> </li> </ol>		
	<ul> <li>b. Aerating and dethatching turf areas</li> <li>c. Topdressing planting areas with compost as needed</li> </ul>		
	d. Replenishing mulch e. Pruning and weeding		
	f. Routine inspection, auditing, adjusting and repair of the irrigation system		
	<ol> <li>Attach landscape irrigation audit report</li> <li>Attach landscape irrigation audit checklist</li> </ol>		
	<ol> <li>The irrigation audit was conducted by a third- party certified Irrigation Auditor professional who is not a part of the design team</li> </ol>		
	<ol> <li>Irrigation items identified for repair in the audit are fixed</li> </ol>		
	<ol> <li>In large project or projects with multiple landscape installations (i.e. production home developments) an auditing rate of 1 in 7 lots or 15% is conducted</li> </ol>		