



MWELO PROJECT INFORMATION

On April 1, 2015, Governor Brown issued Executive Order, EO B-29-15 directing the Department of Water Resources to update a previous Model Water Efficient Landscape Ordinance (MWELo) to be more stringent and reduce landscape water use. Effective December 1, 2015, local agencies are required to enforce the MWELo within their jurisdictions. More information can be found at <http://www.water.ca.gov/wateruseefficiency/landscapeordinance/>

Project Information:

Owner: _____ Phone: _____

Address: _____ Email: _____

Site Address: _____

Project Type: Residential Non-residential Landscape rehabilitation

This project is exempt because there will be less than 500 sq. ft. of landscape area installed. (*This provision is applicable to residential and non-residential projects*)

Currently, this project does not include landscaping. I am aware that future landscape installations may be required to comply with the Model Water Efficient Landscape Ordinance (MWELo) requirements per California Code of Regulations, Title 23, Division 2, Chapter 2.7.

The project does incorporate landscaping and will comply with an MWELo Master Plan specific to the subdivision. Subdivision Name: _____

This project does incorporate landscaping in excess of 500 sq. ft. (*Please provide the information below and specify the compliance method to be used*):

Total Landscape Area (sq. ft.): _____

Turf Area (sq. ft.): _____

(For residential projects the total turf area shall not exceed 25% of the landscape area. Turf is not allowed in non-residential projects.)

Compliance Method

Prescriptive (*The prescriptive compliance method, also known as Appendix D, may only be used for landscape areas 2500 sq. ft. or less. Items included in Appendix D Checklist on the reverse side shall be included on plans.*)

Performance (See separate Performance Checklist and include information on plans.)

Signature

I certify the above information is correct and agree to comply with the requirements of the MWELo.

Signature of property owner or authorized representative

Date

For Staff Use Only:

MWELo Prescriptive Approach Documentation Checklist

- Completed Project Information Worksheet
- Landscape Design Plan
- Landscape Water Efficiency Checklist
 - Dedicated irrigation sub-meter for non-residential with aggregate area of 1,000 ≥5,000 sqft
 - Flow sensors on all non-residential
- Certificate of Completion



MWELO SUBMITTAL CHECKLIST **PRESCRIPTIVE APPROACH**

Submittal Date: _____
Project Address: _____
Applicant Name: _____ Phone: _____

These requirements may be used to comply with the City's Water Efficient Landscape Ordinance if the total landscape area is less than 2,500 square feet. Compliance with all items is mandatory and must be documented on a landscape plan.

Cover Sheet

- Contact information for the project applicant and property owner, project address and parcel number(s)
- Total landscape area (square feet), including a breakdown of turf and plant material
- Project type (e.g., new, rehabilitated, public, private, cemetery, homeowner-installed)
- Water supply type and the local retail water purveyor (California Water Service Company)
- Applicant signature and date with the following statement: *"I agree to comply with the requirements of the prescriptive compliance option to the Water Efficient Landscape Ordinance"*
- Include the following note:
 - "All landscape areas shall incorporate compost at a rate of at least four cubic yards per 1,000 square feet to a depth of six inches"*

Planting Materials

- For residential areas, install climate adapted plants that require occasional, little or no summer water (avg. WUCOLS plant factor 0.3) for 75% of the plant area, excluding edibles.
- For non-residential areas, install climate adapted plants that require occasional, little or no summer water for 100% of the plant area, excluding edibles.
- A minimum three inch (3") layer of mulch shall be applied on all exposed soil surfaces of planting areas except in turf areas, creeping or rooting groundcovers, or direct seeding applications where mulch is contraindicated.

Turf Areas (Grass)

- Turf shall not exceed 25% of the landscape area in residential areas, and there shall be no turf in non-residential areas.
- Turf shall not be planted on sloped areas which exceed a slope of 1 foot vertical elevation change for every 4 feet of horizontal length.
- Turf is prohibited in parkways less than 10 feet wide, unless the parkway is adjacent to a parking strip and used to enter and exit vehicles. Any turf in parkways must be irrigated by

sub-surface irrigation or by other technology that creates no overspray or runoff.

Irrigation Systems

- Automatic irrigation controllers are required and must use evapotranspiration or soil moisture sensor data and utilize a rain sensor
- Irrigation controllers shall be of a type which does not lose programming data in the event the primary power source is interrupted
- Pressure regulators shall be installed on the irrigation system to ensure the dynamic pressure of the system is within the manufacturers recommended pressure range
- Manual shut-off valves (such as a gate valve, ball valve, or butterfly valve) shall be installed as close as possible to the point of connection of the water supply
- 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 in the landscape must document a distribution uniformity low quarter of 0.65 or higher using the protocol defined in ASABE/ICC 802-2014.
- 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.

At the time of final inspection, the permit applicant must provide the owner of the property with a certificate of completion, certificate of installation, irrigation schedule and a schedule of landscape and irrigation maintenance.

LANDSCAPE WATER-EFFICIENCY (MWELo) PRESCRIPTIVE CHECKLIST
*(Can be used **ONLY** when aggregate landscape areas are 2,500 square feet or less)*

Landscape Parameter	Design Measures	Location on Plans
Compost	Incorporate compost at a rate of at least four (4) cubic yards per 1,000 sq. ft. to a depth of 6 inches into landscape area (unless contra-indicated by a soil test).	
Plant Water Use	Residential: Install climate adapted plants that require occasional, little or no summer water (average WUCOLS plant factor 0.3) for 75% of the plant area, excluding edibles and areas using recycled water. Non-residential: Install climate adapted plants that require occasional, little or no summer water (average WUCOLS plant factor 0.3) for 100% of the plant area, excluding edibles and areas using recycled water.	
Mulch	A minimum 3-inch layer of mulch should be applied on all exposed soil surfaces of planting areas, except in areas of turf or creeping or rooting groundcovers.	
Turf	Total turf area shall not exceed 25% of the landscape area. Turf is not allowed in non-residential projects.	
	Turf (if utilized) is limited to slopes not exceeding 25% and is not used in parkways less than 10 feet in width.	
	Turf, if utilized in parkways is irrigated by sub-surface irrigation or other technology that prevents overspray or runoff.	
Irrigation System	Irrigation controllers use evapotranspiration or soil moisture data and utilize a rain sensor.	
	Irrigation controller programming data will not be lost due to an interruption in the primary power source.	
	Areas less than 10 feet in any direction utilize sub-surface irrigation or other technology that prevents overspray or runoff.	
	A private landscape sub-meter is installed at non-residential landscape areas of 1,000 sq. ft. or more.	
Certificate of Completion	At the time of final inspection Parts 1 and 2 of the certificate shall be signed and evidence showing compliance with Parts 3 and 4 shall be demonstrated.	

Note

For the purposes of this form 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 footprints of buildings or structures, sidewalks, driveways, parking lots, decks, patios, gravel or stone walks, other pervious or non-pervious hardscapes, and other non-irrigated areas designated for non-development (e.g., open spaces and existing native vegetation).

Signature

I agree to comply with the requirements of the prescriptive compliance option of the MWELo per Appendix D.

Signature of property owner or authorized representative

Date



WATER EFFICIENT LANDSCAPE 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 No.	
	Fax No.	
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 No.	
	Fax No.	
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 questions below:

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 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."

Signature*	Date	
Name (print)	Telephone No.	
	Fax No.	
Title	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 492.6.

Attach documentation verifying implementation of recommendations from soil analysis report per ordinance Section 492.6.