



CARSONSCAPE

Model Water Efficient Landscape Ordinance (MWEL0)

Prescriptive Compliance Checklist

MWEL0 PRESCRIPTIVE COMPLIANCE REQUIREMENTS

This checklist contains prescriptive requirements which may be used as a compliance option to the performance measures required by the State's 2015 landscape ordinance. Compliance with the following requirements is mandatory and must be documented on the landscape plan in order to use the prescriptive compliance option.

1. Submit a landscape documentation package which include the following elements:

- Date
- Project applicant
- Project Address (if available, parcel and/or lot 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 (e.g., potable, recycled, well and identify local retail water purveyor)
- Contact information for the project applicant and property owner
- Applicant signature and date with statement, "I agree to comply with the requirements of the prescriptive compliance option of the MWEL0."

2. Incorporate compost at a rate of at least four cubic yards per 1,000 square feet to a depth of six inches into landscape area.

3. Plant material shall comply with the following:

- For residential areas, install climate adapted plants that require occasional, little or no summer water (average WUCOLS plant factor of 0.3) for 75% of the plant area excluding edibles and areas using recycled water. For non-residential areas, install climate adapted plants that require occasional, little or no summer water (average WUCOLS plant factor of 0.3) for 100% of the plant areas, excluding edibles and areas using recycling water.
- A minimum of 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.

4. Turf shall comply with the following

- 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 that 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 parking strip and used to enter or exit vehicles. Any turf in parkways must be irrigated by sub-surface irrigation or by other technology that creates no overspray or runoff.

5. Irrigation systems shall comply with the following:

- 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 dynamic pressure of the system is within the manufacturers recommended pressure range.
- Manual shut off valves (such as 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 of 0.65 or higher using the protocol defined in ASABE/ICC 802-2014.
- Areas less than ten (10) feet in width in any direction shall be irrigated with subsurface irrigation or other means that produces no runoff or overspray.
- For non-residential projects with landscape areas of 1,000 sq. ft. or more, a private submeter(s) to measure landscape water use shall be installed.

6. At the time of final inspection, the permit applicant must provide the owner of the property with a copy of the Certificate of MWELO Completion and Certificate of Installation.