

APPENDIX D ALTERNATIVE COMPLIANCE OPTION

In lieu of the full performance requirements of the Water Efficient Landscape Guidelines, this alternative option is available for new development projects with an aggregate landscape area less than 2,500 square feet. Compliance with the following items must be documented on a landscape plan in order to use the alternative compliance option. *Projects irrigated entirely with graywater or captured rainwater are subject to Irrigation section (5) only.*

- (1) Landscape Documentation Package which includes:
 - date, project applicant, project address (if available, parcel and/or lot number(s))
 - total landscape area (square feet) including breakdown of turf and plant material
 - project type (e.g., public, private, single-family residential)
 - water supply type (e.g., City, recycled, well, graywater, rainwater)
 - contact information for the project applicant and property owner
 - applicant signature and date with statement, "I agree to comply with the requirements of the alternative compliance option to the Water Efficient Landscape Guidelines".
- (2) Incorporate compost at a rate of at least 4 cubic yards per 1,000 square feet to a depth of 6 inches into landscape area (unless contra-indicated by a soil test).
- (3) Plant material shall comply with all of the following:
 - **Residential areas** - 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 areas** - 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.
 - Minimum 3 inch 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.
- (4) Turf shall comply with all of the following:
 - **Residential areas** - Turf shall not exceed **25%** of the landscape area.
 - **Non-Residential areas** - There shall be **no turf**.
 - Turf shall not be planted on slopes exceeding 25% (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.
- (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 ("Smart Controllers").
 - 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 ten 10 feet in width in any direction shall be irrigated with subsurface irrigation or other means that produces no runoff or overspray.
- (6) Non-Residential projects with landscape area of 1,000 square feet or more shall install a private submeter to measure landscape water use.

At the time of final inspection, the permit applicant must provide the owner of the property with a Certificate of Completion/Certificate of Installation (Appendix C), Irrigation Schedule and Landscape and Irrigation Maintenance Schedule.