



City of Morgan Hill

Appendix D: Landscape Water-Efficiency Checklist

Applicant Name: _____ Phone: _____ Email: _____

Property Owner Name: _____ Phone: _____ Email: _____

Project Site Address: _____

Project Type: (e.g. new, rehabilitated, cemetery, homeowner-installed)	<p>Landscape Area: All the planting areas, turf areas, and water features in a landscape installation. 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 wildland vegetation).</p> <p>Turf: A ground cover surface consisting of non-native grass species that is customarily mowed. Annual bluegrass, Kentucky bluegrass, perennial ryegrass, red fescue, and tall fescue are examples of cool-season turf grasses. Bermuda grass, kikuyu grass, seashore paspalum, St. Augustine grass, zoysia grass, and buffalo grass are warm-season turf grasses.</p>
Water Supply Type: (e.g. potable, recycled, well)	
Local Retail Water Purveyor:	
Total Landscape Area: (square feet)	
Turf Area: (square feet)	
<p>NOTE: If landscape area exceeds 2,500 sq. ft., a landscape and irrigation design plan (and supporting documents) shall be required. If no landscaping is proposed, enter "0" for "Total Landscape Area," and proceed directly to the signature block below.</p>	

Landscape Parameter	Requirements	Project Compliance
Turf	For residential areas, turf shall not exceed 25% of the landscape area in residential areas, and there shall be no turf in non-residential areas.	<input type="checkbox"/> Yes <input type="checkbox"/> No [Provide explanation on the back]
	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.	<input type="checkbox"/> Yes <input type="checkbox"/> No [Provide explanation on the back]
	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.	<input type="checkbox"/> Yes <input type="checkbox"/> No [Provide explanation on the back]
Plant Material	For residential areas, climate adapted plants that require occasional, little or no summer water (average WUCOLS plant factor 0.3) shall be installed for 75% of the plant area excluding edibles and areas using recycled water. For non-residential areas, climate adapted plants that require occasional, little or no summer water (average WUCOLS plant factor 0.3) shall be installed for 100% of the plant area excluding edibles and areas using recycled water.	<input type="checkbox"/> Yes <input type="checkbox"/> No [Provide explanation on the back]
	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.	<input type="checkbox"/> Yes <input type="checkbox"/> No [Provide explanation on the back]
Irrigation System	Automatic irrigation controllers are required and must use evapotranspiration or soil moisture sensor data and utilize a rain sensor. Irrigation controllers must not lose programming data in the event the primary power source is interrupted.	<input type="checkbox"/> Yes <input type="checkbox"/> No [Provide explanation on the back]
	Pressure regulators shall be installed on the irrigation system to ensure the dynamic pressure of the system is within the manufacturers recommended pressure range.	<input type="checkbox"/> Yes <input type="checkbox"/> No [Provide explanation on the back]
	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.	<input type="checkbox"/> Yes <input type="checkbox"/> No [Provide explanation on the back]

	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.	<input type="checkbox"/> Yes <input type="checkbox"/> No [Provide explanation below]
	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.	<input type="checkbox"/> Yes <input type="checkbox"/> No [Provide explanation below]
Soil	Compost shall be incorporated at a rate of at least four cubic yards per 1,000 square feet to a depth of six inches into landscape area (unless contra-indicated by a soil test).	<input type="checkbox"/> Yes <input type="checkbox"/> No [Provide explanation below]
Water Use	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.	<input type="checkbox"/> Yes <input type="checkbox"/> No [Provide explanation below]

This checklist implements the requirements of Chapter 18.148.020, Appendix D: Prescriptive Compliance Option, of the Morgan Hill Municipal Code. The responses provided will be evaluated to determine whether the proposed landscape is generally consistent with the water-efficiency goals of Chapter 18.148.

I am aware of available informational resources regarding native and low water use plants, irrigation efficiency, and other aspects of water-efficient landscaping. I certify that the information provided on this checklist is correct, and I understand that any changes to the project will necessitate a new checklist. I agree to comply with the requirements of the prescriptive compliance option to the Model Water Efficient Landscape Ordinance (MWELO).

Signature of Property Owner or Authorized Representative

Date

Applicant Comments (Use additional paper if necessary)

Select Definitions

Automatic irrigation controller: a timing device used to remotely control valves that operate an irrigation system. Automatic irrigation controllers are able to self-adjust and schedule irrigation events using either evapotranspiration (weather-based) or soil moisture data

Local water purveyor: any entity, including a public agency, city, county, or private water company that provides retail water service

Native plant: a plant indigenous to a specific area of consideration. For the purpose of this division, the term will refer to plants indigenous to the coastal ranges of Central and Northern California, and more specifically to such plants that are suited to the ecology of the present or historic natural community of the project's vicinity

Submeter: a metering device to measure water applied to the landscape that is installed after the primary utility water meter.

WUCOLS: the current version of the Water Use Classification of Landscape Species current edition published by the University of California Cooperative Extension and the Department of Water Resources

Office Use

Staff Comment: _____

Approved By: _____

Date: _____