

OUTDOOR WATER USE EFFICIENCY CHECKLIST

TIER II SINGLE-FAMILY, MULTI-FAMILY, COMMERCIAL, INDUSTRIAL, PUBLIC DEVELOPMENT

To Be Completed by a Certified Professional

I certify that the subject project meets the requirements of the Soquel Creek Water Conservation in Landscaping Ordinance.

Signature _____

Title _____

Date _____

Project Information

Project Type: Tier II Single-Family Multi-Family Commercial Industrial Public Other

Applicant Name (print): _____

Contact Phone #: _____

Project Site Address: _____

Email address: _____

Assessor's Parcel Number: _____

of Units: _____

of Meters: _____

For a new Tier II single-family (one or two-unit) residential project, enter this information. For all other projects, input an aggregate value for the entire project.

Parcel Area (sq. ft.): _____

Tier II ($\geq 10,000$ sq. ft. parcel)

Total Landscape Area (sq. ft.): _____

Turf Area (sq.ft.): _____

High Water Use Plant Area (sq. ft.): _____

Water Feature Surface Area (sq.ft.): _____

Landscape Parameter	Requirements	Project Meets Requirements
General Limits	Combined area of turf, moderate to high water use plants and water features is less than 25% of the total landscape area	<input type="checkbox"/> Yes <input type="checkbox"/> No
Turf Limits	No turf in areas less than 10 feet wide in any direction	<input type="checkbox"/> Yes <input type="checkbox"/> No
	All turf is planted on slopes less than 12%	<input type="checkbox"/> Yes <input type="checkbox"/> No
	No turf in street medians, traffic islands, planter strips, and parking lot islands	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Turf is a water-conserving species (moderate water use as defined by WUCOLS). Contact District Staff if WUCOLS factor is not available.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Plants	Plants are grouped by hydrozones	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Hydrozones are irrigated separately	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Only very low to low water use plants on slopes greater than 33%	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Plants are selected and planted appropriately based on their adaptability to the area and water use and at least one listed method for planting hydrozones was utilized	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Invasive plants are not used (recommended)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Irrigation System Design	The use of rainwater and/or graywater for irrigation was evaluated	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Irrigation system designed, maintained and managed to meet or exceed 75% efficiency for overhead spray and 81% for drip systems	<input type="checkbox"/> Yes <input type="checkbox"/> No
	A pressure regulator is used if the water pressure (at meter) is greater than 80 psi	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Manual shut-off valve present	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Master shut-off valve present	<input type="checkbox"/> Yes <input type="checkbox"/> No
	High flow sensor present	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Low-volume irrigation used for all non-turf areas	<input type="checkbox"/> Yes <input type="checkbox"/> No
	No overhead sprinkler systems within 24 inches of non-permeable surfaces	<input type="checkbox"/> Yes <input type="checkbox"/> No

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Project Information, Continued		Page 2
Landscape Parameter	Requirements	Project Meets Requirements
Irrigation System Design, Continued	Sprinkler heads and emission devices have matched precipitation rates	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Overhead spray nozzle precipitation is less than 0.75 inches per hour	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Automatic, self-adjusting irrigation controllers installed (i.e., weather or sensor-based)	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Moisture sensor/rain sensor shutoffs installed	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Drip emitters or bubblers installed at each tree, maximum 1.5 gallons per minute, on separate valves	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Check valves installed at lowest point(s) on each valve run	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Swing joints installed	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Backflow prevention device installed when dedicated landscape meters are required	<input type="checkbox"/> Yes <input type="checkbox"/> No
Irrigation System Efficiency	No overspray or runoff	<input type="checkbox"/> Yes <input type="checkbox"/> No
Irrigation Schedule	Irrigation schedule regulated by automatic irrigation controllers	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Overhead turf irrigation to occur between 8 PM and 10 AM	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Irrigation will be avoided during windy or freezing weather and is prohibited within 48 hours of rainy weather	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Irrigation schedule to be reduced (frequency & duration) after plants are established (1 year)	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Irrigation schedule to be adjusted seasonally based on plant needs	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Irrigation schedule provided to appropriate personnel and posted near irrigation controller	<input type="checkbox"/> Yes <input type="checkbox"/> No
Landscape/Irrigation Maintenance	Irrigation system to be inspected regularly and maintained in good working condition	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Repairs to be made using identical or improved parts	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Landscape maintenance schedule to be followed	<input type="checkbox"/> Yes <input type="checkbox"/> No
Soil Management	Soil conditioned with 6 cubic yards organic amendment/1,000 sq. ft. topsoil	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Compacted soils are transformed to friable conditions (recommended)	<input type="checkbox"/> Yes <input type="checkbox"/> No
	At least 3-inches of mulch on exposed soil surfaces	<input type="checkbox"/> Yes <input type="checkbox"/> No
Metering	Dedicated irrigation meter (not required for Tier II SF)	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Private irrigation submeter (recommended for Tier II SF)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Water Features	Water features are recirculating	<input type="checkbox"/> Yes <input type="checkbox"/> No
	No automatic fill valves	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Covers for pools and spas	<input type="checkbox"/> Yes <input type="checkbox"/> No
Stormwater Management Documentation	Hardscape areas are constructed of pervious materials (recommended)	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Checklist complete	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Water Allowance Calculation Worksheet complete	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Landscape & Irrigation System Design Plans complete	<input type="checkbox"/> Yes <input type="checkbox"/> No

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Reviewer Name:

Date Received:

Date Approved:

Recommendations and Comments: