LANDSCAPE PROJECT APPLICATION

For

OUTDOOR WATER CONSERVATION IN LANDSCAPING

In order to comply with the City's Outdoor Water Conservation in Landscaping Ordinance (Chapter 8.80 of the Estero Municipal Improvement District Code), applicants must:

1) DETERMINE APPLICABILITY

- a. <u>Tier 1 Landscapes</u>: All new construction and rehabilitated landscapes with irrigated landscape areas between 500 SF and 2,500 SF requiring a building or landscape permit.
- b. <u>Tier 2 Landscapes:</u> All new construction and rehabilitated landscapes with irrigated landscape areas equal to or greater than 2,500 SF requiring a building or landscape permit.

2) SUBMITTAL REQUIREMENTS (Prior to construction) Submit all of the following:

a. Project Information

Choose one of the following two options to demonstrate that the landscape meets the ordinance's water efficiency goals:

- i. Planting restrictions:
 - 1. The turf area may not be more than twenty-five percent of the landscape area (or no more than one hundred twenty five square feet); and
 - 2. At least eighty percent of the plants in non-turf landscape areas shall be native plants, low-water-using plants, or no-water-using plants; or
- ii. Water budget calculation (required if a Tier 2 project)
- b. Outdoor Water Use Efficiency Checklist

c. Water Budget Calculations (If applicable)

(Only required if applicant selects to use a water budget approach rather than comply with the turf area limitations or specified plant type restrictions)

- i. Submit attached form from a certified professional or authorized professional (required if a Tier 2 project)
- ii. Submit Water Budget Calculations. (Refer to *Section 8.80.090 Water Budget Calculations of the Outdoor Water Conservation in Landscaping Ordinance* for guidance on budget calculations).

d. Landscape and Irrigation System Design Plans

i. Submit attached form from a certified landscape and irrigation designer (required if a Tier 2 project)

3) LANDSCAPE AUDIT REPORT (After construction)

- a. Submit a Landscape Audit Report. Report shall include:
 - i. Inspection to confirm that the landscaping and irrigation system were installed as specified in the landscape and irrigation design plan;
 - ii. System tune-up and System test with distribution uniformity;
 - iii. Report of overspray or run-off that causes overland flow;
 - iv. Irrigation schedule;
 - v. Submit attached form from a certified landscape irrigation auditor or include the following statement in the audit report: *"The landscape and irrigation system has been installed as specified in the landscape and irrigation design plan and complies with the criteria of the Outdoor Water Conservation in Landscaping Ordinance and the permit."*

OUTDOOR WATER USE EFFICIENCY CHECKLIST

Project Information (To be completed by Applicant) Page 1 of 2					
□ Single Family □ Multi-	Family 🗖 Commercial 🗖 Institution	onal 🛛 Irrigation only 🖓 Industrial	Other:		
Applicant Name (Print):		Contact Phone #:			
Project Site Address:	Agency Review				
Project Area (sq.ft. or acre): # of Units:	# of Meters:	(Pass)	(Fail)	
For a single-family project, or a single-family development	Total Landscape Area (sq.ft.):	 Tier 1 (500 - 2,500 sq.ft.) Tier 2 (> 2,500 sq.ft.) 			
project, enter this information on an average, per unit basis.					
For all other projects, input an	Non-Turf Irrigated Area (sq.ft.):				
aggregate value for the entire	Special Landscape Area (SLA) (sq.ft.):				
project.	Water Feature Surface Area (sq.ft.):				
Landscape Parameter	Requirements	Project Compliance			
	Less than 25% of the landscape area is	🗅 Yes			
	turf	No, see Water Budget			
Turf	All turf areas are > 8ft wide	🖵 Yes			
	All turf is planted on slopes <25%	🖵 Yes			
Non-Turf	At least 80% of non-turf area is native	🗋 Yes			
Non-Turi	or low water use plants	No, see Water Budget		-	
Hydrozonos	Plants are grouped by Hydrozones	🖵 Yes			
Hydrozones		No, see Water Budget			
Mulch	At least 2-inches of mulch on exposed soil surfaces	🖵 Yes			
Irrigation System Efficiency	70% ETo (100% ETo for SLAs)	Yes, See Water Budget			
	No overspray or runoff	🖵 Yes			
Irrigation System Design	System efficiency > 70%	🖵 Yes			
	Automatic, self-adjusting irrigation controllers	Yes (Required for Tier 2)			
		No (Not required for Tier 1)			
	Moisture sensor/rain sensor shutoffs	Yes (Required for Tier 2)			
	No sprayheads in <8-ft wide area	🗋 Yes			
Irrigation Time	System only operates between 8PM and 10AM	C Yes			
Metering	Separate irrigation meter Required > 5,000 sf Recommended > 2,500 sf	YesNo (Not required for Tier 1)			
Swimming Pools/Spas	Cover highly recommended	 Yes No (Not required) 			
Water Features	Recirculating	🖵 Yes			
water reatures	Less than 10% of landscape area	🖵 Yes			
Documentation	Checklist	🗅 Yes			
	Landscape and Irrigation	Prepared by applicant			
	Design Plan	Prepared by professional			
		(Required for Tier 2)			
	Water Budget	Prepared by applicant			
	(optional for Tier 1)	Prepared by professional			
		(Required for Tier 2)			
Audit	Post-Installation audit to be	To be completed by applicant			
	completed prior to occupancy	To be completed by Professional			
	(DPW)				
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OUTDOOR WATER USE EFFICIENCY CHECKLIST

Pag						
1	To be completed by Agency:		To be completed by Applicant:			
Materials Distributed to Applicant Water Conservation in Landscaping Ordinance (CDD) Landscape Project Application (CDD) Other: Other: Materials Received and Reviewed (CDD) Outdoor Water Use Efficiency Checklist (CDD)			I certify that the subject project meets the specified requirements of the Water Conservation in Landscaping Ordinance, Chapter 8.80 of the Estero Municipal Improvement District Code.			
Water Budget Landscape Plan Checklist/Landscap		(DPW) (CDD)				
Date F	Reviewer roved (DPW):	Dept.				
Date F	Reviewer	Dept.	License Stamp here			
Selected Definitions: Tier 1 New construction and rehabilitated landscapes with irrigated landscape areas between 500 and 2,500 square feet requiring a building or landscape permit, plan check or design review, or new or expanded water service. Tier 2 New construction and rehabilitated landscapes with irrigated landscape areas greater than 2,500						
ETo	square feet requiring a building or landscape permit, plan check, or design review. Reference evapotranspiration means the quantity of water evaporated from a large field of four- to seven-inch tall, cool-season grass that is well watered. Reference evapotranspiration is used as the basis of estimating water budgets so that regional differences in climate can be accomodated.					
SLA	Special Landscaped Area. Includes edible plants, areas irrigated with recycled water, surface water features using recycled water, and areas dedicated to active play such as parks, sports fields, golf courses, and where turf provides a playing surface.					
Professional	Professional is a "certified professional" or "authorized professional" that is a certified irrigation designer, a certified landscape irrigation auditor, a licensed landscape architect, a licensed landscape contractor, a licensed professional engineer, or any other person authorized by the state to design a landscape, an irrigation system, or authorized to complete a water budget, irrigation survey, or irrigation audit					
Water Feature BP = Before Permit	Feature A design element where open water performs an aesthetic or recreational function. Water includes ponds, lakes, waterfalls, fountains, artificial streams, spas, and swimming pools (where water is artificially supplied). Efore Permit; PO = Prior to Occupancy; UP = Use Permit; COA = Conditions of Approval					
DPW = Department of Public Works; CDD = Community Development Department						



Attach this certification to the Landscape and Irrigation System Design Plans

"This project complies with the criteria of Chapter 8.80 Outdoor Water Conservation in Landscaping Ordinance of the City of Foster City/Estero Municipal Improvement District's Municipal Code. The criteria of the ordinance have been applied to the project for the efficient use of water in the Landscape and Irrigation Design Plan."

DATED: _____

Name, Title*

Company

Permit #: _____

Project Address: _____

*Shall be signed and stamped by a certified irrigation designer, a certified landscape irrigation auditor, a licensed landscape architect, a licensed landscape contractor, a licensed professional engineer, or any other person authorized by the state to design a landscape, an irrigation system, or authorized to complete Landscape and Irrigation Water Plans.



Attach this certification to the Water Budget Calculations

"This project complies with the criteria of Chapter 8.80 Outdoor Water Conservation in Landscaping Ordinance of the City of Foster City/Estero Municipal Improvement District's Municipal Code. The criteria of the ordinance have been applied to the project to determine the project's Water Budget Calculations."

DATED: _____

Name, Title*

Company

Permit #: _____

Project Address:

*Shall be signed and stamped by a certified irrigation designer, a certified landscape irrigation auditor, a licensed landscape architect, a licensed landscape contractor, a licensed professional engineer, or any other person authorized by the state to design a landscape, an irrigation system, or authorized to complete a water budget.

Attachment: Water Budget Calculations



Attach this certification to the Landscape Audit Report

"The landscape and irrigation system has been installed as specified in the landscape and irrigation design plan and complies with the criteria of Chapter 8.80 Outdoor Water Conservation in Landscaping Ordinance of the City of Foster City/Estero Municipal Improvement District's Municipal Code"

DATED: _____

Name, Title*

Company

Permit #: _____

Project Address: _____

*Shall be signed and stamped by a certified irrigation designer, a certified landscape irrigation auditor, a licensed landscape architect, a licensed landscape contractor, a licensed professional engineer, or any other person authorized by the state to design a landscape, an irrigation system, or authorized to complete a Landscape Audit Report.

Attachment: Audit Report