



# ELIGIBILITY CHECKLIST

This checklist is designed to comprehensively cover all water use/saving devices commonly found in most commercial facilities. Requirements for each applicant will vary depending on type and status of equipment currently installed. Once all applicable checklist requirements have been met, an online application may be submitted to the IRWD Water-use Efficiency Department for review, and upon verification, the Water Star certification issued.

## INDOOR WATER USE



PLUMBING FIXTURES	<input checked="" type="checkbox"/>	RATING	
<b>High-Efficiency Toilets</b>			Required, if applicable
Pressure Assisted	<input type="checkbox"/>	≤ 1.25 gal/flush	
Dual Flush	<input type="checkbox"/>	≤ 1.28 gal/flush	
Single Flush	<input type="checkbox"/>	≤ 1.28 gal/flush	
<b>Flushometer Bowl &amp; Valve Toilets</b>	<input type="checkbox"/>	≤ 1.28 gal/flush	Retrofit required if < 2 year payback
<b>Urinals</b>			Required, if applicable
Wall-Mounted Urinals	<input type="checkbox"/>	≤ 0.125 gal/flush	
Floor-Mounted Urinals	<input type="checkbox"/>	≤ 0.5 gal/flush	
Zero-Water Urinals			
<b>Lavatory Faucets</b> (Restrooms & Locker Rooms)			Required, if applicable
Faucet Aerators	<input type="checkbox"/>	= 0.5 gal/minute	
Flow Restrictors	<input type="checkbox"/>	= 0.5 gal/minute	
<b>Metered Faucets</b> (Volumetric Measure)	<input type="checkbox"/>	≤ 0.25 gal/cycle	Required, if applicable
<b>Kitchen Faucets</b> (Non-Food Service)		= 2.2 gal/minute	Required, if applicable
Faucet Aerators	<input type="checkbox"/>		
Flow Restrictors	<input type="checkbox"/>		
<b>Shower Heads</b>	<input type="checkbox"/>	= 1.8 gal/minute	Required, if applicable



FOOD SERVICE EQUIPMENT	<input checked="" type="checkbox"/>	RATING	
<b>Food Prep/Dish Washing Faucets</b>			Required, if applicable
Faucet Aerators	<input type="checkbox"/>	≤ 2.2 gal/cycle	
Flow Restrictors	<input type="checkbox"/>	≤ 2.5 gal/cycle	
<b>Hand Wash Faucets</b>			Required, if applicable
Faucet Aerators	<input type="checkbox"/>	= 0.5 gal/minute	
Flow Restrictors	<input type="checkbox"/>	= 1.0 gal/minute	
<b>Pre-Rinse Spray Nozzles</b>	<input type="checkbox"/>	≤ 1.6 gal/minute	
<b>Dishwashers</b> (Criteria by machine type)			Retrofit required if < 2-year payback
Under Counter High Temp	<input type="checkbox"/>	≤ 1.00 gal/rack	
Under Counter Low Temp	<input type="checkbox"/>	≤ 1.70 gal/rack	
Stationary Single Tank Door High Temp	<input type="checkbox"/>	≤ 0.70 gal/rack	
Stationary Single Tank Door Low Temp	<input type="checkbox"/>	≤ 0.79 gal/rack	
Multiple Tank Conveyor High Temp	<input type="checkbox"/>	≤ 0.54 gal/rack	
Multiple Tank Conveyor Low Temp	<input type="checkbox"/>	≤ 0.54 gal/rack	
<b>Air-Cooled Nugget or Flaked Ice Machine</b>	<input type="checkbox"/>	Meets criteria	
<b>Closed-Loop Water-Cooled Nugget or Flaked Ice Machine</b>	<input type="checkbox"/>	Case-by-case basis	
<b>Cubed Ice Machine</b> (Criteria Below)			Retrofit required if < 2-year payback
Ice Making Head	<input type="checkbox"/>	≤ 20 gal/100 lbs ice	
Remote Condensing Unit (with or without remote compressor)	<input type="checkbox"/>	≤ 25 gal/100 lbs ice	
Self Contained Unit	<input type="checkbox"/>	≤ 25 gal/100 lbs ice	
<b>Steamers: Self-Contained, Boilerless</b> (with no water supply connection)	<input type="checkbox"/>		Retrofit required if < 2-year payback
<b>Refrigeration Condenser Cooling:</b> Air-cooled or closed-loop system only. No single pass cooling.	<input type="checkbox"/>		Retrofit required if < 2-year payback



## ELIGIBILITY CHECKLIST – PAGE 2



### WASH DOWN



#### Hose-End Use:

Automatic shutoff nozzles and/or high-pressure, low-volume nozzles



Required, if applicable

#### Equipment & Floor Cleaning:

High-pressure, and/or low-volume washing equipment



Retrofit required if < 2-year payback

**Use of Water Brooms only Allowed for Health and Human Safety**



### COOLING



#### Cooling Towers & Evaporative Condensers

Potable Water: Minimum of 4 cycles of concentration



Required, if applicable

Recycled Water: No minimum cycles of concentration



#### Cooling Tower Conductivity & pH Controller



Required, if applicable

#### Cooling Tower Metering:

Metering of both make-up & blow-down lines



Required, if applicable

#### Swamp Cooler Maintenance Schedule & Automatic Timer



Required, if applicable



### PROCESS WATER USE



### RATING

#### Flow Reduction and Reuse



Case-by-case basis

#### Process Water Use Metering:

Metering of flow to individual equipment and processes within a facility and having estimated usage > 5,000 gallons per day.



Case-by-case basis

Highly Recommended



### LAUNDRY EQUIPMENT



### RATING

#### Coin-Operated Commercial Clothes Washer



Case-by-case basis

Retrofit required if < 2-year payback

#### Industrial Clothes Washers



Case-by-case basis



### RECYCLED WATER



### RATING

#### Industrial Processes



Case-by-case basis

Highly Recommended

#### Dual-Plumbed Buildings



Case-by-case basis

Highly Recommended

## OUTDOOR WATER USE



### IRRIGATION HARDWARE AND DESIGN



### RATING

#### Recycled Water:



Case-by-case basis

Highly Recommended

#### Smart Controllers/Weather-Based Irrigation Controllers:

Set up to meet IRWD efficiency standards.



Case-by-case basis

Highly Recommended

#### Standard Controllers:

Rain Sensor



Case-by-case basis

Required, if applicable

#### Mixed-Use Commercial Submeters:

Applies to meters serving outdoor and indoor end uses for areas > 0.5 acre.



Highly Recommended

#### Sprinklers & Spray Head Nozzles:

All spray heads serving an area must be of compatible type/brand and have the same precipitation flow rates.



Required, if applicable

#### No Sprinklers or Spray Heads in Areas ≤ 8 feet wide:

Convert heads to drip or bubblers with low flow rates required where overspray and significant run-off are present.



Highly Recommended

#### Turf Area Sprinklers Head-to-Head Spacing:

Installation of additional heads and/or relocation of heads required where measured distribution uniformity is < 60%.



Case-by-case basis

Highly Recommended

## ELIGIBILITY CHECKLIST – PAGE 3

### OUTDOOR WATER USE (Con't)

<b>Sprinkler &amp; Spray Head Check Valves:</b> Prevents low-head drainage. Factory installed check valve specified if manufacturer's recommended pressure at the nozzle is exceeded.	<input type="checkbox"/>	Highly Recommended
<b>Sprinkler &amp; Spray Head Pressure Regulation:</b> Factory installed pressure regulated devices specified if manufacturer's recommended pressure at the nozzle is exceeded.	<input type="checkbox"/>	Required, if applicable



### LANDSCAPE DESIGN AND MAINTENANCE

<b>Turfgrass Areas:</b> Installation of warm season and/or drought-tolerant turf types	<input type="checkbox"/>	Highly Recommended
<b>No Turfgrass in Medians &amp; Parkway Strips:</b> Unless irrigated with recycled water	<input type="checkbox"/>	Highly Recommended
<b>Sloped Turfgrass Areas:</b> Must achieve budgeted irrigation efficiency	<input type="checkbox"/>	Required, if applicable
<b>Maintenance Schedule</b>		Required, if applicable
Weekly Meter Log Sheets	<input type="checkbox"/>	
Bi-Monthly Visual Walkthrough of Operating System	<input type="checkbox"/>	
<b>Hydrozoned Plantings:</b> Plants served by an irrigation valve have similar water requirements.	<input type="checkbox"/>	Highly Recommended
<b>Low-to-Moderate Water-Use-Plantings:</b> Conversion from high-water-use-to low-water-use plantings may be required to achieve appropriate hydrozoning.	<input type="checkbox"/>	Highly Recommended
<b>Seasonal Irrigation Schedule:</b> Unless site is equipped with a Smart Controller adjust controller to meet the water needs of the plant material as the season changes.	<input type="checkbox"/>	Required, if applicable
<b>Irrigation Station Mapping:</b> Display diagram of irrigation ones by station, irrigation hardware drip, subsurface drip, and plant type (Ex: lawn, shrub, annuals).	<input type="checkbox"/>	Required, if applicable



### OTHER OUTDOOR USES

<b>Vehicle Washing:</b> On-site reuse of wash water and wastewater pre-treatment or type (ex. Spray, rotor, off-site vehicle washing at facility with reuse and pretreatment systems. Wastewater must be directed toward the sewer.	<input type="checkbox"/>	Required, if applicable
<b>Pool and Spas</b>		Highly Recommended
Pool covers	<input type="checkbox"/>	
No leakage and efficient pool filter backwash	<input type="checkbox"/>	
Weather-based or sensor-based controller for pool fill	<input type="checkbox"/>	
<b>Commercial Carwashes:</b> If available, reverse osmosis system must be actively operated and utilized for spot-free rinse. Wastewater must be disposed in accordance with local regulations.	<input type="checkbox"/>	Required, if applicable