



WaterSmart Certification Criteria

A WaterSmart Certified organization uses water efficiently at their facility through their fixtures and behavior. To become WaterSmart Certified, EBMUD conducts a water use survey, recommends cost-effective water-saving improvements, and provides resources for water efficient upgrades. The checklist below outlines the criteria EBMUD uses to determine WaterSmart Certification.

A custom rebate may be available for water efficiency upgrades. For more information, contact EBMUD Water Conservation by calling 510-287-1900 or emailing waterconservation@ebmud.com.

Please note the following abbreviations:

gpf - gallons per flush

gpm - gallons per minute

Mandatory			
	Device or Equipment	Requirement	Notes
All Sectors	Toilets	1.6 gpf	Optimal efficiency is a 0.8 gpf toilet.
		At least annually, test and calibrate all automatic and sensor-flushing devices to avoid phantom flushes.	
	Urinals	1.0 gpf	Optimal efficiency is a 0.125 gpf urinal.
	Restroom faucets	0.5 gpm	Free aerator offered from EBMUD.
	Office break room or kitchen faucets	1.8 gpm	Free aerator offered from EBMUD. Optimal efficiency is a 1.5 gpm aerator.
	Showerheads	2.0 gpm	Offered free from EBMUD. Optimal efficiency is 1.5 gpm.
Food Service	Food prep faucets	1.8 gpm	Free aerator offered from EBMUD.
	Pre-rinse spray nozzles	1.6 gpm	Offered free from EBMUD. Optimal efficiency is 1.15 gpm.



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Food Service	Ice machine	Air-cooled	Exceptions may be made for water-cooled ice machines serving a closed loop chiller system.
	Steamer	Self-contained, boilerless	
	Refrigeration	Condenser cooling using air-cooled or closed loop system	
Hotel	Towel and linen service	Give patrons the option of not washing towels and linens daily.	Required by Section 29 of EBMUD Regulations, "Water Use Restrictions". Free signs available from EBMUD.
Laundry	Clothes washer	≤ 5.5 gallons per cubic foot	Rebate available from EBMUD.
Wash down	Water broom	2.10 gpm	
Cooling	Cooling tower and evaporative condenser	Equipment must be checked for leaks annually.	
		Operate towers at a minimum of five cycles of concentration using potable water, depending upon the chemistry of the make-up water used, including considerations for reclaimed water or on-site sources.	



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Landscape	Irrigation controller	If landscape is on an EBMUD issued water budget, controller must be programmed to meet annual water budget.	To achieve optimal efficiency, install a smart controller – rebate available from EBMUD.
		Irrigation controller must be off during rainy season and adjusted at least seasonally.	
	Hydrozoning	Lawn and shrubs must be on separate irrigation stations.	
	Hose	Hose timer required for all hose end irrigation connections.	
		Auto shutoff for hose-end nozzle.	Free nozzles offered from EBMUD.
	Irrigation controller map	Develop a map of irrigation zones by station. Keep map with the controller and update it annually.	
	Landscape-specific water waste	<p>The following required by Section 29 of EBMUD Regulations, "Water Use Restrictions."</p> <p>Restrict incidental water waste including:</p> <ul style="list-style-type: none"> • Watering during or within 48 hours after measureable rainfall • Hosing down hard surfaces to the point of runoff • Hosing down vehicles without a hose-end nozzle • Non-recirculating fountains • Use of potable water for construction, street cleaning, soil compaction and dust control when an alternative exists. 	



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Pool and Hot Tub	Cover	Install a pool cover for every outdoor pool and hot tub.	
	Filters	Manually clean pool filters or reduce the frequency of auto back-washing the filters.	
	Sub-meter	Install a sub-meter to the pool make-up line if an auto-fill mechanism is used.	Rebate available from EBMUD.
Signs	Water conservation signs	Place signs in bathrooms to remind staff and visitors to conserve water.	Free mirror clings available from EBMUD.
Email	E-newsletter	Sign up for the quarterly commercial, industrial and institutional e-newsletter from EBMUD.	
Performance standard	Overall water use	Water use at the facility will be evaluated and compared to efficient water use within the same business sector.	

Choose at least one additional measure			
	Device or Equipment	Requirement	Notes
All sectors	Process water	Measure flow of individual equipment and processes at facility with estimated usage $\geq 2,000$ gallons per day.	Rebate for sub-meter is available from EBMUD.
	EPA Water Portfolio Manager	Register for EPA's Portfolio Manager to track water and energy use at the site.	Free EPA tool available from www.energystar.gov



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	Device or Equipment	Requirement	Notes
Food Service	Dipper well	<ul style="list-style-type: none"> Install a flow restrictor on the water line to the dipper well to reduce continuous flow to 0.3gpm Install a metering faucet so the flow is only turned on when needed 	
	Dishwasher	<ul style="list-style-type: none"> Under Counter High Temp ≤ 0.86 gal/rack Under Counter Low Temp ≤ 1.19 gal/rack Stationary Single Tank Door High Temp ≤ 0.89 gal/rack Stationary Single Tank Door Low Temp ≤ 1.18 gal/rack Single Tank Conveyor High Temp ≤ 0.70 gal/rack Single Tank Conveyor Low Temp ≤ 0.79 gal/rack Multiple Tank Conveyor High Temp ≤ 0.54 gal/rack Multiple Tank Conveyor Low Temp ≤ 0.54 gal/rack 	
	Thawing food	Use the refrigerator, microwave or a water bath, not running water to thaw food.	
Cooling tower	Conductivity controller	Install a conductivity controller to automatically control blowdown.	
	Meter	Install a sub-meter on the make-up and blowdown lines.	
Landscape	Sprinklers	Match the precipitation rates between sprinkler heads.	Rebate available from EBMUD.
		Install sprinklers with head-to-head coverage for optimal coverage.	
		Convert sprinklers used on shrubs or trees to drip irrigation.	



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Landscape	Hydrozoning	Group plants with similar water needs in the same irrigation zone.	
	Turfgrass	Remove non-essential grass including in areas less than 8 ft wide or where there is a substantial slope.	Rebate available from EBMUD.
	Low water use plants	Install low water use plants.	
	Mulch	Add at least 3" of mulch to all outdoor planting beds.	
Behavioral	Green team	Form a green team within the organization to engage employees in saving water throughout the site.	
	Purchasing	Incorporate water efficiency criteria into procurement policies.	
	Employee education	<p>Educate employees on turning off equipment including all continuous flow equipment between uses. This education could occur at staff meetings, and/or with signage.</p> <p>Educate employees on using dry cleaning methods including sweeping or mopping instead of power washing. This education could occur at staff meetings and/or with signage.</p> <p>Educate employees by presenting to them what has been done to conserve water in their building/office using WaterSmart Criteria.</p>	
Other	Referral	Email a professional contact about WaterSmart Certification and copy Water Conservation staff.	
	Business Water Reports	Register the facility for electronic water use reports delivered to your email inbox every two months.	Free reports offered by EBMUD.
	At least as efficient as option	Choose another efficiency measure at the facility that achieves water efficiency through fixtures or behavioral changes.	
	Media posts	Create a social media post about your WaterSmart certification and tag EBMUD.	