

Marina Coast Water District

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LANDCAPE REBATE PROGRAM REQUIREMENTS (Lawn & Sprinkler)

Lawn & Sprinkler System Rebate Requirements

- 1. Lawn replaced may be living or dead at the time of application to the program. But, there must be evidence of a previous lawn. All the turf must still be in place at the time of the staff's initial project review and project approval.
- 2. Lawn must be removed by solarization, sheet mulching and physical removal. (It is recommended that lawns be physically removed to a depth of 4")
- 3. It must be possible to water remaining grass areas separately from other bedding areas.
- 4. It must be possible to water high water need plants (such as vegetables, annuals, or tropical plants) separately from other areas.
- 5. The irrigation system must be in a good state of repair such that the water is being used efficiently. (Examples of unacceptable waste are excessive water hitting non-plant areas, excessive water in some areas or too little in others, or pooling water from ineffective spray.)
- 6. A backflow prevention device must be present and installed as required by law
- 7. Abandoned or inoperative irrigation system components must be removed, and the associated water supply lines capped.
- 8. Water use of the new landscape must be lower than that of the landscape replaced.
- 9. A 3" layer of mulch material must be used in planting bed to reduce water loss from evaporation
- 10. At least one existing or new tree per ten thousand square feet of project area must be present/installed in the new, converted landscape.
- 11. Hardscape installed in the area of lawn replacement must be porous.
- 12. Manual irrigation controls are permitted, but these systems must have a timer device utilized to shut off the water after an allotted time period. No automatic rain shut off device is required on manually controlled systems.
- 13. All automated irrigation systems must have a rain shut off or soil moisture monitoring device installed. An incentive to purchase this device is provided by the District.
- 14. Irrigation systems for non-residential landscapes over 1,000 square feet and rehabilitated residential landscapes over 5,000 square feet must include master valves and flow sensors that work in conjunction with weather-based irrigation controllers to detect & limit unauthorized flow.

NOTE: Large projects over 8,000 square feet may apply, and be considered, with unique landscape project criteria that varies from those outlined above.

During the site visit, the Staff will confirm the eligible square footage of lawn or sprinkler system replacement.

- For areas with permanent, automated irrigation, the eligible square footage is that area receiving irrigation coverage.
- For manually irrigated lawn replacement, without the removal of an established irrigation system, the Lawn Area is that area occupied by lawn, not necessarily the area receiving irrigation coverage. Lawn shall be defined as a uniform, established planting of desirable grasses that is regularly watered, manicured, and cared for.

Potential Water and Cost Savings Calculation for Lawn Replacement

The conversion of 1,000 square feet of lawn to drought tolerant, low water use plants is estimated to reduce the water requirement by 77 percent.

Marina and Seaside Homeowners Could Save Over 28,600 Gallons of Water and up to \$320 to \$430 Annually (depending on location)

In the coastal areas of Seaside and Marina, the annual reduction in lawn water needs is lowered from approximately 37,400 gallons per 1000 square feet to 8,727 gallons per 1000 square feet, saving approximately 28,673 gallons or 38 Billing Units of water annually. For a residential customer in Marina being billed at the higher Tier 2 rate, this represents a water cost savings of \$319.20 annually. For a residential customer in Seaside being billed at the higher Tier 2 rate, this represents a water cost savings of \$433.58 annually.

East Garrison Homeowners Could Save Over 36,100 Gallons of Water and up to \$540 Annually

In the warmer East Garrison community, the annual reduction in lawn water needs is lowered from approximately 47,376 gallons per 1000 square feet to 11,220 gallons per 1000 square feet, saving approximately 36,156 gallons or 48 Billing Units of water annually. For a residential customer in East Garrison being billed at the higher Tier 2 rate, this represents a water cost savings of \$547.68 annually.