



Bay-Friendly Upcoming Trends and Landscape Legalities in Managing Landscapes

BAY-FRIENDLY LANDSCAPING

**A whole systems
(watershed) approach
to the design,
construction &
maintenance of the
landscape in order to
conserve natural
resources, reduce
waste, and prevent
pollution.**

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StopWaste.Org



When we try to
pick out
anything by
itself, we find it
hitched to
everything else
in the universe.

- John Muir



Synthetic Turf and You

AB349: prohibits HOA fines for replacing lawns with artificial turf.



AB1164: prohibits a city from enacting or enforcing any ordinance or regulation that prohibits the installation of artificial grass or artificial turf on residential property.

- Section 1(d): Among a wide variety of drought tolerant landscaping are a variety of native plants and landscaping alternatives, including the installation of synthetic grass or artificial turf.



MWELO an Overview

- To promote the values and benefits of landscaping practices that integrate and go beyond the conservation and efficient use of water
- Landscapes that are planned, designed, installed, managed and maintained with the watershed based approach can improve California's environmental conditions:
- Conserving water by capturing and reusing rainwater and graywater wherever possible and selecting climate appropriate plants that need minimal supplemental water after establishment.



Standard Compliance – Over 2500 sq ft

Elements of the Landscape Documentation Package:

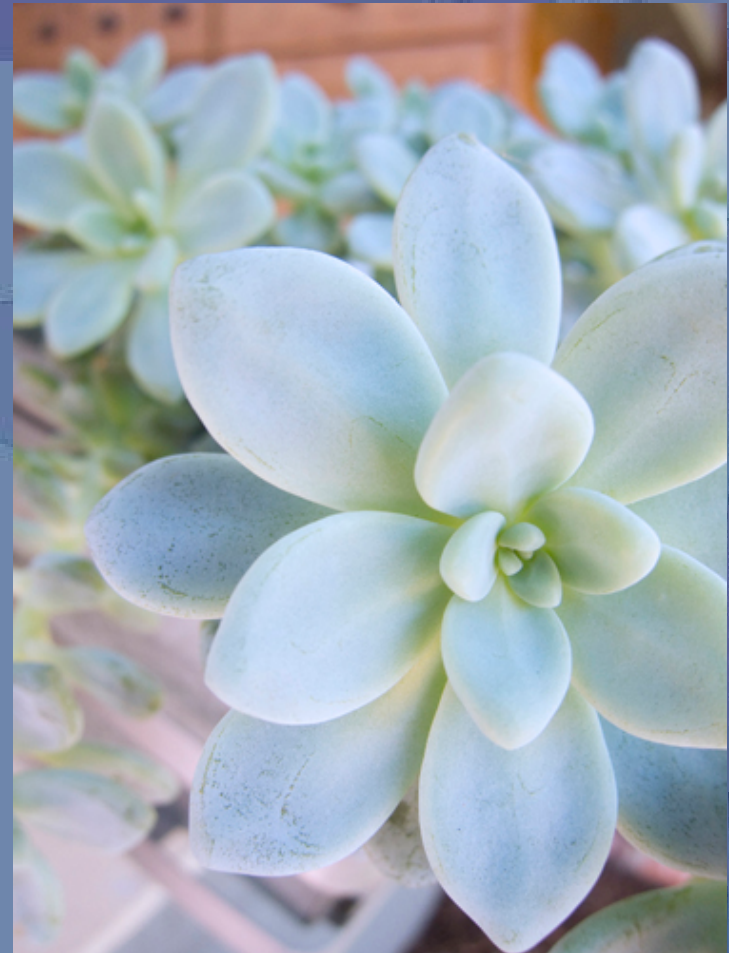
1. Project Information
2. Water Efficient Landscape Worksheet
Appendix B
3. Soil Management Report
4. Landscape Design Plan
5. Irrigation Design Plan
6. Grading Design Plan

Water Budget Calculations

- A project applicant shall complete the Water Efficient Landscape
- Worksheet in Appendix B which contains information on the plant factor, irrigation method, irrigation efficiency, and area associated with each hydrozone.
- Calculations are then made to show that the evapotranspiration adjustment factor (ETAF) for the landscape project does not exceed a factor of 0.55 for residential areas and 0.45 for non-residential areas, exclusive of Special Landscape Areas.
- The ETAF for a landscape project is based on the plant factors and irrigation methods selected. The Maximum Applied Water Allowance is calculated based on the maximum ETAF allowed (0.55 for residential areas and 0.45 for non-residential areas) and expressed as annual gallons required.

Prescriptive Compliance

- It is an optional method of WELO compliance that is available for landscapes of 500 to 2500 square feet.
- It lowers the cost of compliance on both sides of the counter



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Hydrozoning



Upcoming Recommendations from DWR

A break with the past would involve at least three key changes for new landscapes—

- Attractive water-wise plants would be used in place of most turf in ornamental lawns.
- Outdoor water use would be separately measured to allow for careful water management.
- Rainwater would be largely retained on site or nearby for landscape use or groundwater recharge.



A Goal for the State:

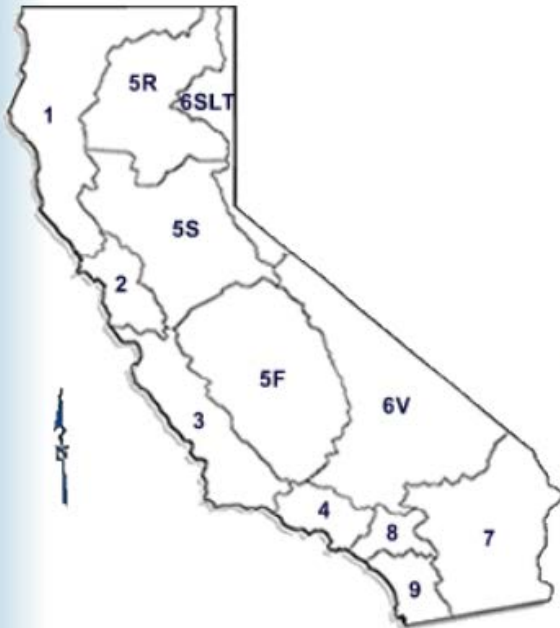
Reduce potable water use on urban landscapes by half over the next twenty years



photo courtesy: Affordable Housing Associates

Stormwater

NPDES Permitting Authority



U.S. EPA

State Water Resources Control Board

Regional Water Quality Control Board
(9 regions)

MS4s

National
Pollutant
Discharge
Elimination
System
(NPDES)
Share

MS4 = Municipal separate storm sewer system

Bay Area Municipal Regional Permit (MRP)

- MRP 1.0 Consolidated six Phase 1 countywide permits into one regional permit (76 permittees):
 - San Mateo, Santa Clara, Alameda, and Contra Costa Counties, Fairfield-Suisun, and Vallejo
- MRP 1.0: 2010-2015
- MRP 2.0: 2016-2020
 - Green Infrastructure Planning
 - Control pollutants of concern: Trash, Mercury, PCBs, Pesticides



Types of GI Measures

- Biotreatment Measures:

- Green Streets:

- Green Bulb-out
 - Sidewalk planter
 - Traffic Circle
 - Tree Trench
 - Rain garden

- Buildings and Parking lots:

- Flow-through planter
 - Green roof
 - Tree Trench
 - Rain garden

- Other Measures

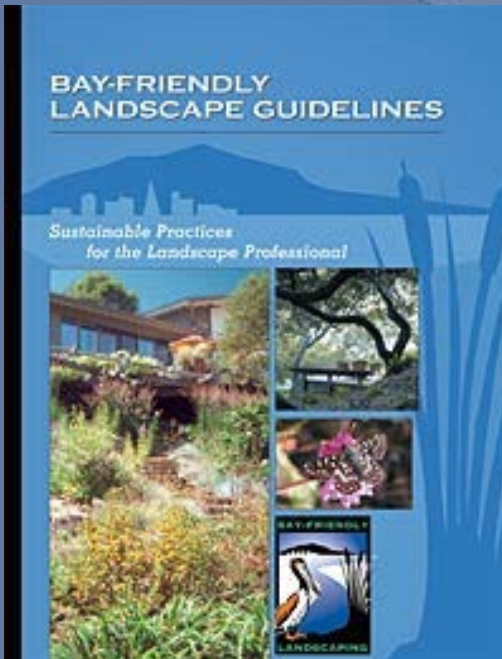
- Pervious Paving
 - Infiltration trenches
 - Cisterns
-

You WILL Make A Difference



Bay-Friendly Tools

- Publications
- Model Policies & Ordinances
- Model Specifications
- Case Studies



- Landscape Training & Qualification Programs
- Rated Landscapes Training
- Landscape Scorecards
- Rated Landscapes Program
- Garden Tours
- Nursery Partnerships

Thank You

For More Information:
ReScapeCA.org

The screenshot shows the ReScape California website homepage. At the top is the logo and a navigation menu with links for ABOUT US, EDUCATION, RATED LANDSCAPES, DIRECTORY, RESOURCES, and NEWS & EVENTS. The main banner features a photo of pink flowers with the text "RE SOURCEFUL Rethinking California Landscapes for a California Climate". Below this is a statement: "ReScape California is an advocate and expert in the creation of renewable landscapes throughout our beautiful state." The page is divided into several sections: "EDUCATIONAL OPPORTUNITIES" with a photo of yellow flowers and text about learning from professionals; a section for becoming a "Bay-Friendly Qualified Professional" with two circular buttons for "Professionals" and "Communities"; a "RETHINK YOUR LAWN DEMONSTRATION" section with a link to learn more; a "RATED LANDSCAPES" section with a photo of a garden and text about drought-resistant landscapes, accompanied by four colored buttons for "Benefits", "Rating System", "FAQs", and "Case Studies"; and finally, a "FIND A BAY-FRIENDLY LANDSCAPE PROFESSIONAL" section with a search bar and filters for "By Qualification", "By City", and "By Service".

RESCAPE CALIFORNIA

ABOUT US EDUCATION RATED LANDSCAPES DIRECTORY RESOURCES NEWS & EVENTS

RE SOURCEFUL
Rethinking California Landscapes for a California Climate

ReScape California is an advocate and expert in the creation of renewable landscapes throughout our beautiful state.

EDUCATIONAL OPPORTUNITIES
Learn how you can create beautiful landscapes from experienced professionals.

Become a Bay-Friendly Qualified Professional, or receive training in sustainable landscape design, implementation and maintenance best practices.

Professionals Communities

RETHINK YOUR LAWN DEMONSTRATION
Remove your lawn without tearing it out, and conserve water through sheet mulching. Receive a free copy of the Bay-Friendly Gardening Guide and enter to win prizes when you attend. [Learn more >](#)

RATED LANDSCAPES
Rated Landscapes look great and solve more than 100 drought-resistant problems. Our rating system recognizes excellence in sustainable landscape design, construction and maintenance practices.

Benefits Rating System
FAQs Case Studies

FIND A BAY-FRIENDLY LANDSCAPE PROFESSIONAL
Locate a trained professional that can help you design and maintain a beautiful drought-resistant landscape or garden.

By Qualification: DTQ - Design, Qualified, MTQ - Maintenance, Rater - Rated
By City: Alameda, Albany, Alameda, Berkeley
By Service: Construction, Design, Maintenance, Sheetmulching
Search by Last Name
FIND