

# Bay-Friendly Scorecard for Civic, Commercial and Multifamily Landscapes



This scorecard tracks Bay-Friendly features incorporated into the design and construction of new landscapes. Use drop-down boxes in Column A to indicate targeted measures for your project. "Goal" points appear in column I. "Achieved" points appear in column J once all verification measures have been completed in the "Rater Checklist" worksheet. The recommended minimum requirements for a Bay-Friendly Landscape are: earn a total of 60 points or more and complete the 14 required practices indicated in red text on the checklist. Submit planning stage Scorecard with Initial Submittal and final Scorecard at Final Submittal.

0	0	60
Goal	Achieved	Minimum

	Possible	Goal	Achieved	Comments
<b>A. SITE PLANNING</b>				
1. Complete the Bay-Friendly Site Analysis before beginning construction documents.	2	0	0	
2. Locate the project within an infill, urban growth boundary, TOD or designated redevelopment site.	3	0	0	
3. Avoid prime farmland and environmentally sensitive sites.	3	0	0	
4. Clean up a brownfield site.	3	0	0	
5. Locate the project within walking distance of public transit.	2	0	0	
6. Locate project 1 mile in bicycling distance from a:				
6.1. Class I bike path.	2	0	0	
6.2. Class II or Class III bicycle route.	1	0	0	
7. Provide parking for bicycles.	2	0	0	
8. Designate areas for mulch storage and/or leaf repositories.	1	0	0	
9. Reuse trees that are identified for removal on site.	2	0	0	
10. Compost plant debris on site with the capacity of:				
10.1. 1 to 3 cubic yards. (1 point)	1	0	0	
10.2. More than 3 cubic yards. (total 2 points)	1	0	0	
11. Install covered recycling collection receptacles.	2	0	0	
12. Provide water and/or shelter for wildlife.	1	0	0	
13. Preserve and protect 80% of existing mature, healthy, non-invasive trees.	2	0	0	
14. On previously developed sites, restore vegetation and hydrology.	3	0	0	
15. Increase open space by 30% or connect to adjacent open space.	2	0	0	
16. Create or protect diverse, low-maintenance plant buffer along all creeks, shorelines and monoculture areas.	2	0	0	
Site Planning Subtotal, out of 35 possible points:	35	0	0	
<b>B. STORMWATER AND SITE DRAINAGE</b>				
1. Install permeable paving for:				
1.1. 33% of total paved area. (2 points)	2	0	0	
1.2. 50% of total paved area. (total 4 points)	2	0	0	
1.3. 75% of total paved area. (total 6 points)	2	0	0	
2. Decrease the total amount of impervious surface by 10% on previously developed sites.	1	0	0	
3. Capture and treat stormwater runoff using:				
3.1. Biotreatment for entire roof area.	3	0	0	
3.2. Biotreatment for all impervious paved areas, excluding driveway entrances and roads.	4	0	0	
3.3. Biotreatment for 10,000 sf of road area.	2	0	0	
3.4. Infiltration of at least 80% of the average annual runoff water quantity generated on site.	3	0	0	
4. Design self-retaining planting areas to detain and infiltrate runoff from adjacent impervious areas for:				
4.1. 15% of planting areas. (1 point)	1	0	0	
4.2. 25% of planting areas. (total 2 points)	1	0	0	
5. Install a green roof on:				
5.1. 25% of roof area. (1 point)	1	0	0	
5.2. 50% of roof area. (total 2 points)	1	0	0	
5.3. 75% of roof area. (total 3 points)	1	0	0	
Stormwater and Site Drainage Subtotal, out of 24 possible points:	24	0	0	
<b>C. EARTHWORK AND SOIL HEALTH</b>				
1. Submit laboratory soil analysis results and recommendations for compost and natural fertilizers.	3	0	0	
2. Complete the Bay-Friendly Soil Management Plan.	3	0	0	
3. Remove, store and replace topsoil before grading.	3	0	0	
4. Install fencing to protect soil from compaction:				
4.1. Under trees to remain.	2	0	0	
4.2. For 50% of new planting areas.	1	0	0	
5. Install protective covering to limit soil compaction during the rainy season.	1	0	0	
6. Alleviate compaction in soils to a depth of at least:				
6.1. 8 inches. (1 point)	1	0	0	
6.2. 12 inches. (total 2 points)	1	0	0	
7. Use only organic fertilizers or soil amendments.	1	0	0	
8. <b>REQUIRED:</b> Protect all planting areas with a minimum of 3 inches of mulch.	R	R	R	
9. Incorporate quality, organic compost into the soil at the rate of:				
9.1. <b>REQUIRED:</b> 4 CY / 1000 sf.	R	R	R	
9.2. 6 CY / 1000 sf.	3	0	0	
10. Install sheet mulch for weed control or lawn conversion.	3	0	0	
11. Prohibit synthetic chemical pre-emergent herbicides.	2	0	0	
12. Install compost blankets, berms or socks for controlling erosion.	3	0	0	
Earthwork and Soil Health Subtotal, out of 27 possible points:	27	0	0	
<b>D. MATERIALS</b>				
1. Use environmentally preferable materials for:				
1.1. Decking.	2	0	0	
1.2. Fencing.	2	0	0	
1.3. Site furnishings such as bike racks, benches, tables and chairs.	2	0	0	
1.4. Planters or seat/retaining walls.	1	0	0	

	Possible	Goal	Achieved	Comments
1.5. Lighting and/or sign posts.	1	0	0	
1.6. Parking stops.	1	0	0	
1.7. Play structures.	2	0	0	
1.8. Play surfaces.	1	0	0	
1.9. Edging.	1	0	0	
1.10. Decorative glass mulch.	1	0	0	
2. Use irrigation lines made from PVC alternatives for:				
2.1. 100% of mainlines.	1	0	0	
2.2. 100% of laterals.	1	0	0	
3. Use recycled aggregate for walkway, driveway, roadway base and other uses.	2	0	0	
4. Use alternatives to PVC for 100% of fencing, decking and outdoor furniture.	1	0	0	
5. Install local and recycled:				
5.1. Compost.	1	0	0	
5.2. Mulch.	1	0	0	
6. <b>REQUIRED:</b> Divert 50% of construction and demolition waste, and 100% of excavated soil and land-clearing debris.	R	R	R	
7. Use an online C&D waste management tool.	1	0	0	
8. Separate landscape construction and demolition waste streams.	2	0	0	
9. Salvage, reuse or retain on site 50% of a single material.	5	0	0	
10. Retain 25% of asphalt or concrete flatwork.	2	0	0	
11. Use cool site techniques in at least 50% of the paved site area.	2	0	0	
12. Do not use black mulch.	1	0	0	
13. Specify low-energy fixtures for all site lighting.	2	0	0	
14. Power site lighting with photovoltaics covering:				
14.1. 25% of all site demand. (1 point)	1	0	0	
14.2. 50% of all site demand. (total 3 points)	2	0	0	
14.3. 100% of all site demand. (total 5 points)	2	0	0	
15. Reduce light pollution and trespass.	1	0	0	
16. Do not cast direct beam illumination onto adjacent properties.	1	0	0	
17. Use stone and non-concrete hardscape materials that are mined/ produced within 200 miles of the project site.	2	0	0	
18. Use integrated pest management during construction.	1	0	0	
19. Use organic pest management during construction.	2	0	0	
Materials Subtotal, out of 48 possible points:	48	0	0	
<b>E. PLANTING</b>				
1. <b>REQUIRED:</b> Choose and locate plants to grow to their natural size.	R	R	R	
2. <b>REQUIRED:</b> Do not plant species listed by Cal-IPC's Don't Plant a Pest brochure.	R	R	R	
3. Do not plant species listed in Cal-IPC's Invasive Plant Inventory.	2	0	0	
4. Eradicate existing invasive plant species.	2	0	0	
5. <b>REQUIRED:</b> Install climate-adapted plants in street medians.	R	R	R	
6. <b>REQUIRED:</b> Limit turf to recreational areas.	R	R	R	
7. Install turf alternatives for:				
7.1. 10% of multiple-use fields. (2 points)	2	0	0	
7.2. 25% of multiple-use fields. (total 4 points)	2	0	0	
7.3. 100% of multiple-use fields. (total 6 points)	2	0	0	
8. <b>REQUIRED:</b> Group plants in hydrozones.	R	R	R	
9. Shade at least 50% of west-facing building with deciduous trees.	3	0	0	
10. Shade at least 50% of paved site area with vegetation excluding drive aisles of parking lots and roads.	3	0	0	
11. Provide adequate soil volumes to grow healthy trees.	3	0	0	
12. Plant large-stature trees.	2	0	0	
13. Install Neonicotinoid free plant material	2	0	0	
14. Plant a diverse palette of distinct species.	3	0	0	
15. Plant California natives for:				
15.1. 50% of non-turf plants. (3 points)	3	0	0	
15.2. 75% of non-turf plants. (total 4 points)	1	0	0	
15.3. 100% of non-turf plants. (total 5 points)	1	0	0	
Planting Subtotal, out of 31 possible points:	31	0	0	
<b>F. IRRIGATION</b>				
1. Plumb irrigation systems and water features for recycled water.	2	0	0	
2. Use rainwater and/or graywater to satisfy:				
2.1. 10% of the site's water requirements. (3 points)	3	0	0	
2.2. 50% of the site's water requirements. (total 5 points)	2	0	0	
3. <b>REQUIRED:</b> Install a weather-based (evapotranspiration) or soil moisture based controller including a rain shut off device.	R	R	R	
4. <b>REQUIRED:</b> Install low volume irrigation in required areas.	R	R	R	
5. Limit precipitation rates of overhead irrigation.	3	0	0	
6. Design and install a landscape that will meet a water budget of:				
6.1. <b>REQUIRED:</b> 45% of reference ET.	R	R	R	
6.2. 35% of reference ET. (3 points)	3	0	0	
7. <b>REQUIRED:</b> Install a dedicated landscape water meter for projects with an irrigated area greater than 1,000 sf.	R	R	R	
8. <b>REQUIRED:</b> Conduct an irrigation audit.	R	R	R	
9. <b>REQUIRED:</b> Meet your local CA WELO.	R	R	R	
Irrigation Subtotal, out of 13 possible points:	13	0	0	
<b>G. Maintenance</b>				
1. Include a Bay-Friendly Qualified Professional on the maintenance team.	3	0	0	
2. Include the Bay-Friendly Site Analysis in the maintenance manual.	2	0	0	
3. Grasscycle.	2	0	0	
4. Produce mulch on site from plant trimmings.	2	0	0	
5. Produce compost on site from plant trimmings.	3	0	0	

	Possible	Goal	Achieved	Comments
6. Do not dispose of plant trimmings in the landfill.	3	0	0	
7. Do not shear hedges.	2	0	0	
8. Protect soil from compaction.	1	0	0	
9. Use quality, organic compost to support plant and soil health.	2	0	0	
10. Use only organic fertilizers.	2	0	0	
11. Reapply mulch regularly.	2	0	0	
12. Read the dedicated irrigation meter or sub-meter and report water use a minimum of once a month.	1	0	0	
13. Check irrigation equipment regularly and immediately replace broken equipment.	1	0	0	
14. Use integrated pest management during maintenance.	2	0	0	
15. Use organic pest management during maintenance.	2	0	0	
Maintenance Subtotal, out of 30 possible points:	30	0	0	
<b>H. INNOVATION</b>				
1. Include Bay-Friendly Rated Landscape requirements in the bid documents.	2	0	0	
2. Include a Bay-Friendly Qualified Professional on the design team.	2	0	0	
3. Install educational signage.	4	0	0	
4. Employ a holistic approach.	5	0	0	
5. Implement your own Bay-Friendly innovation.				
Enter title of innovation below. Complete Innovation Request Form.				
	4	0	0	
Innovation Subtotal, out of 17 possible points:	17	0	0	

	Required	Points
<b>Possible Points</b>	14	225
<b>Goal Points</b>	14	0
<b>Achieved Points</b>	0	0

Project has not yet met the following recommended minimum requirements:

- Total Project Score of At Least 60 Points

- Required Measures:

- C.8: Protect all planting areas with a minimum of 3 inches of mulch.
- C9.1: Incorporate quality, organic compost into the soil, per soil analysis, to bring the soil organic matter content to a minimum of: 3.5% by dry weight.
- D6: Divert 50% of construction and demolition waste, and 100% of excavated soil and land-clearing debris.
- E.1: Choose and locate plants to grow to their natural size.
- E.2: Do not plant species listed by Cal-IPC's Don't Plant a Pest brochure.
- E.6: Limit turf to sports or multiple-use fields.
- E.8: Group plants in hydrozones.
- F.3: Install a weather-based (evapotranspiration) or soil moisture based controller including a rain shut off device.
- F.4: Install low volume irrigation in required areas.
- F.6.1: Design and install a landscape that will meet a water budget of 60% of reference ET.
- F.7: Install a dedicated landscape water meter for projects with an irrigated area greater than 2,500 sf.
- F.8: Conduct an irrigation audit.