



City of Laguna Woods

GREEN HOME CERTIFICATION PROGRAM



INFORMATION SHEET

INTENT: The purpose of the Laguna Woods Green Home Program is to encourage residents to incorporate sustainable appliances and building practices into their homes and thereby promoting the environmental health of the community.

The Laguna Woods Green Home Program is a voluntary program that is available for all residential units – existing or new. The program is specifically designed to meet the unique circumstances found in multifamily developments.

PROCESS: The process to achieve “Green Certification” involves two parts.

PART 1 – Application/Checklist

Residents should complete the attached Laguna Woods Green Home application and scoring checklist, identifying the items which have been incorporated in their home. All Green Home Certifications must use the City’s application and scoring chart.

Level 1 certification requires the applicant to submit documentation (sales receipts and/or pictures) for most items; some items may be self-certified by signing the application. The checklist has * where documentation is required.

Levels 2 and 3 certifications require a site inspection; documentation will be required for items that cannot be visibly certified by the inspector. For example, use of carpet made of recyclable material and water based paint would require paper documentation, such as sales slips.

PART 2 - Building Department Review

A completed application, together with scoring checklist and any required documentation should be submitted to the City of Laguna Woods Building Department.

(See reverse side)

Level 1 certification does not require a building inspection; certification stickers will be awarded upon review of the application and documentation. There is no application fee for level 1 certification.

Levels 2 and 3 certification requires an on-site inspection by Building Department staff. There is a \$25 application fee these levels, which must accompany the application. This fee is non-refundable; however, staff will make up to two site visits if required to verify information on the application.

CERTIFICATION: Homes deemed to be “Green Certified” achieve points based on the attached scoring chart, upon review and tabulation by the Laguna Woods Building Department.

To receive certification, a home must meet at least two practices in each of the following categories:

- 1) Energy Use Reduction (E)
- 2) Water Use Reduction (WA)
- 3) Air Quality Improvement (IA)
- 4) Waste Reduction (WS)

These required practices must be identified on the application form.

After determining that requirements in each category were met, the Certification level will be based upon the following point scale:

- A. 60 - 109 points = Laguna Woods Green Home
- B. 110 – 154 points = Laguna Woods Green Star Home
- C. 155 – 195 points = Laguna Woods Green Star Plus Home

SUPPLEMENTAL MATERIALS:

Applications and information packets are available at Laguna Woods City Hall, 24264 El Toro Road, Laguna Woods, CA 92637 and on the City’s website www.lagunawoodscity.org. If you have any questions on the voluntary Green Homes Program or need further assistance, please contact the Deputy Building Official at (949) 639-0527 or ggates@lagunawoodscity.org



City of Laguna Woods Greening the Woods

Green Building Certification Application

Applicant _____

Address _____

Phone Number(s) _____

Property owner (if different) _____

Address _____

Certification (Check level sought)

_____ Green (minimum 60 points – no application fee)

_____ Green Star (minimum 110 points – \$25 application fee required)

_____ Green Star Plus (minimum 155 points – \$25 application fee required)

Practice Areas (must meet 2 requirements in each category – enter checklist numbers below)

Energy Use Reduction _____

Water Use Reduction _____

Air/Indoor Environment _____

Waste Reduction _____

Fill out and attach checklist to application. If seeking green star or green star plus certification, attach check for \$25.

By signing this application, I certify that the information on this application and the documentation provided is true and correct.

Applicant Signature

Date

LAGUNA WOODS GREEN HOMES PROGRAM PRACTISES CHECKLIST

This set of green home practices are meant to be used when refurbishing or retrofitting a home to meet the qualifications for a "Green Home" in Laguna Woods. Each application will vary depending on the existing conditions of the home, the homeowners' resources, and the home's potential for being retrofit. Therefore, three levels of certification are used to designate homes. These three levels have minimum point levels are shown below. Residents must select at least two practices from each category (energy usage, water usage, air and indoor environment, and waste reduction). Points will not be awarded if all qualifying practices are from the same category.

60 Points Green Home (minumum qualification)

110 Points Star Green Home

155 Points Star Plus Green Home

1.X	Practices with a "1" have a primary goal of reducing energy usage (E)
2.X	Practices with a "2" have a primary goal of reducing water usage (WA).
3.X	Practices with a "3" have a primary goal of improving air and indoor environment (IA).
4.X	Practices with a "4" have a primary goal of reducing waste (WS).

*** For basic certification, documentation is required: submit copy of bill for item purchase, construction/installation work order or item picture.**

	No.	Practice	Category	Points Available	Points Received
Kitchen	1.1	Replace dishwasher with Energy Star® model.	E	2 pts	*
	1.2	Replace refrigerator/freezer with an Energy Star® model (5 pts first appliance; 3 pts second).	E	8 pts max	*
	2.1	Have water-efficient faucets installed (Kitchen only).	WA	1 pt	*
	2.2	Insulate under sink hot water pipes (Kitchen only).	WA	1 pt	*
	2.3	Install a recirculating hot water pump under the kitchen sink.	WA	5 pts	*
	4.1	If replacing any cabinetry, counters, or furniture, use recycled-content, environmentally-friendly materials. All finishes, adhesives, and paints are low-VOC.	WS		
		a. Tables, chairs, and other furniture (1 pt per item).	WS	3 pts max	*
		b. Counters (all).	WS	3 pts	*
		c. Cabinetry (1 pt per cabinet).	WS	5 pts max	*
		d. Use low-VOC paint, adhesives, and finishes.	WS	2 pts	*
		e. Locally-produced products are used.	WS	2 pts	
	4.2	Install a recycling center (1 pt portable; 2 pts built in system).	WS	2 pts max	*
	4.3	Install food composting system.	WS	2 pts	*

	No.	Practice	Category	Points Available	Points Received
Overall Household Practices	1.3	Replace light bulbs with high-efficiency compact florescent light bulbs. (1 pt for every 5 bulbs).	E	4 pts max	
	1.4	Replace ceiling florescent light bulbs with low-mercury florescent bulbs (1 pt for each 2 bulbs).	E	6 pt max	*
	1.5	Install lighting controls per Title 24 standards (1 pt per controller).	E	4 pts max	*
	1.6	Replace entertainment appliances with EnergyStar® models (up to three appliances).	E	9 pts max	
		a. Televisions/Television-DVD combination units 3 pts each).	E		*
		b. DVD or HD DVD players/ entertainment system components (2 pts each).	E		*
		c. Power adapters/battery chargers/cordless phones (1 pt each).	E		*
		d. Set-top boxes (1 pt each; available for Direct TV users only in CA).	E		*
	1.7	Replace or improve single pane standard windows with:	E	10 pts max	
		a. Double pane (1 pt per window).	E		*
		b. Low emission and/or low conductivity (1 pt per window).	E		*
		c. Add low hear conductivity glazing (1 pt per window).	E		*
	1.8	Add solar tubes to illuminate dark areas (2 pts per tube).	E	4 pts max	*
	1.9	Add electrochromic dimming or remote control blinds to skylights (2 pts per location).	E	4 pts max	*
	1.10	Install insulation in attic, per Title 24 standards.	E	4 pts	*
	1.11	Upgrade ceiling (2 pts) and wall (2 pts) insulation to meet Title 24 standards.	E	4 pts max	*
	1.12	Install awnings over south-facing windows to provide shade (1 pt per window).	E	2 pts max	*
	1.13	Install a high efficiency ceiling fan (1 pt per room).	E	3 pts max	
	1.14	Install a whole house fan.	E	3 pts	*
	1.15	Redesign or install new HVAC Systems in accordance with ACCA standards:	E	5 pts max	*
	a. Central system (3 pts for 14 and 15 SEER units; 5 pts for 16 SEER or greater units).	E		*	
	b. Inwall HVAC system that meets or exceed 19 SEER (5 pts).	E		*	

No.	Practice	Category	Points Available	Points Received
1.16	Install a programmable thermostat (1 pt per thermostat).	E	2 pts	*
1.17	Replace radiant heating with a heat pump.	E	3 pts	*
1.18	Insulate AC ducts.	E	3 pts	*
1.19	Have AC vents and ducts tested and repaired for leaks and efficiency.	E	2 pts	*
1.20	Install a photovoltaic system. (Up to 2 kw = 7 pts, up to 4 kw = 15 pts, more than 4 kw = 20 pts)	E	20 pts max	*
1.21	Install a combined water heater/space heater system.	E	3 pts	*
2.4	Replace clothes washer with EnergyStar® or other energy efficient model.	WA	3 pts	*
3.1	Use low-VOC and/or water-based paints, solvents, adhesives, and finishes. Where applicable, these products should be water-based as well.	IA	3 pts max	
	a. Low-VOC paints, solvents, adhesives, and finishes (1 pt per room).	IA		*
	b. Water-based wood finishes (1 pt per room).	IA		*
3.2	When redoing flooring, replace carpeting with low-VOC carpeting from a sustainable source, wood flooring, recycled ceramic tile, natural linoleum, or exposed concrete.	IA	18 pts max	
	a. Flooring is recycled content carpet. (1 pt per room).	IA		*
	b. Flooring is certified hardwood (2 pts per room).	IA		*
	c. Flooring is recycled content ceramic tile (2 pts per room).	IA		*
	d. Flooring is exposed concrete as finished floor (2 pts per room)	IA		*
	d. Flooring is natural linoleum, instead of vinyl (1 pt per room).	IA		*
3.3	Replace particleboard with solid wood, plywood, or another natural product that does not contain formaldehyde (1 pt per room).	IA	3 pts max	*
3.4	Seal all exposed particleboard surfaces if not replacing them (1 pt per room).	IA	2 pts	

	No.	Practice	Category	Points Available	Points Received	
	3.5	Replace vacuum cleaner filters with HEPA filters.	IA	1 pt		
	3.6	Add 12" potted plants to interior of home (1 pt per every 4 plants).	IA	4 pts max		
	3.7	Place doormats at entrances from the outside or have place to put shoes to reduce the tracking in of outside pollutants.	IA	1 pt		
	4.4	If replacing insulation, use environmentally friendly insulation. Choose from:	WS	2 pts max		
		a. Recycled content insulation (2 pt).	WS		*	
		b. New, but non-toxic content insulation (1 pt).	WS		*	
Bathroom	2.5	Insulate hot water pipes in bathrooms (1 pt each room).	WA	2 pts max	*	
	2.6	Install a greywater toilet plumbing system.	WA	3 pts	*	
	2.7	Replace standard toilets with low-flow toilets (2 pts each).	WA	4 pts max	*	
	2.8	Use aerators on faucets (1 pt each).	WA	4 pts max	*	
	2.9	Install high efficiency faucets and showerheads (2 pt each).	WA	4 pts max	*	
	2.10	Install a recirculating hot water pump under sink (5 pts one bathroom; 3 pts second bathrooms).	WA	8 pts max	*	
	3.8	Install a high efficiency ventilation system to reduce air moisture and mildew growth (1 pt each bathroom).	IA	2 pts max	*	
	Maximum Points				195	
	Points Earned					
	Level of Certification:					