



Housekeeping Department Green Initiatives: Spring 2009

- **Installation of Eco-Smart Pillows.** Eco-Smart is a polyester fiber that has been developed from 100% recycled plastic PET bottles. A typical Eco-Smart pillow requires fiberfill created from approximately 14 PET bottles. Manufacturing products across a number of industries utilizing recycled PET bottles has the potential to keep as many as four billion bottles out of landfills worldwide. This would reduce petroleum use by as much as 450,000 barrels of oil. More info on PET recycling here: http://en.wikipedia.org/wiki/Recycling_of_PET_Bottles.
- **Use of CFL Light Bulbs.** CFL light bulbs or Compact Florescent Light Bulbs can save about \$30 per bulb over the course of its lifespan. CFL's use about 75% less energy and typically last up to 10 times longer than a standard light bulb. More info on CFL's here: http://www.energystar.gov/index.cfm?c=cfls.pr_cfls.
- **Installation of Amenity Dispensers in guest room bathrooms.** One of the biggest culprits of landfill waste in a hospitality operation is amenity packaging. Switching to a dispensing system allows us get away from purchasing bottles in 1 or 2 ounce sizes and purchase in bulk which significantly cuts down on waste.
- **Implementation of Melaleuca's EcoSense Cleaning Products.** The EcoSense line of cleaning products (NOT CHEMICALS!) are ultra concentrated, meaning less product is needed to reach the same level of effectiveness as their chemical counterparts. All of the products in the EcoSense line are created from 100% natural and naturally derived ingredients meaning they are 100% biodegradable. More info on EcoSense cleaning products here: <http://www.saferforyourhome.com/products.htm>
- **Implementation of Microfiber Cloths.** Microfibers have a lifespan of up to 500 washes, rags cut from damaged linen only last 75 washes. Microfibers are laundered with no chemicals, cutting down on energy and supply costs as well as chemical waste.
- **Ecolab's Formula 1 Laundry System.** The Formula 1 laundry system significantly reduces water and energy costs through the use of a single product system that eliminates unneeded steps in the laundry wash process. The Formula 1 system utilizes a unique packing system that integrates with the product dispenser insuring efficient distribution into the washer. The product acts as a jack of all trades in that it combines water conditioners, surfactants, builders, enzymes and brighteners in a single product. Additionally Sunriver Resort has in-room collateral that informs guests of our "By Request" linen change service. More info on Ecolab's Formula 1 Laundry System here: www.ecolab.com/Publications/Factbook/Institutional.pdf.





- Recycling bins are used in all offices and employee break rooms throughout the Resort.
- All paper purchased for employee use is 100% recycled and at least 30% post consumer content.
- Three large recycling stations on property hold recyclable materials from all outlets at the Resort (paper and comingled materials).
- All appliances, batteries and metals from the Resort are recycled.
- All woody debris from the Resort is bio-massed and all light bulbs are recycled through the Grainger program.
- Fryer oil from the kitchen is recovered and recycled to produce bio-diesel.
- Biodegradable cups made from corn and sugar cane are used in outlets throughout the Resort.
- Waste from yard debris and bio-solids recovered from the Sunriver Utilities plant is used to produce approximately 150 cubic yards of compost every month.
- Employees trained to reuse “backside” of office paper for internal use.
- Filing is done electronically for all Engineering projects (with the exception of state required paperwork).
- Almost all sales proposals are sent electronically.
- F&B outlets will be using paper napkins that are 100% recycled, 100% post consumer content, non-bleached, soy based ink printing. These are ordered and to arrive mid June.
- Associate cafeteria now has reusable plastic cups, plates and silverware instead of disposables.
- The new “Bio Pen” has been ordered (cardboard barrel, wood clip, recycled plastic trim, enviro message) and will replace the plastic Bic stick pen for general resort use.
- Sunriver IT dept now donates older computers to charities or associates before attempting to recycle.





Water Use

- Irrigation for lawns and landscape only run at night for maximum water efficiency.
- All plant life purchased for the resort are native and drought resistant varieties.
- The Woodlands golf course is irrigated entirely with reclaimed Sunriver water treatment plant effluent.
- Linen and towel re-use program is in place for all guestrooms.

Chemical Use

- Implemented environmentally sensitive Integrated Pest Management Plan through Eco-Lab that eliminates any use of pesticides at the resort.
- Housekeeping is using a one-chemical system in the laundry that works with colder water and enzyme cleaning agents, which produce cleaner grey-water.
- Sage Springs Spa uses saline vessels in the spas reducing chemical dependency and eliminating chlorine storage.

Energy Use

- All Pathway lights at the Resort were retrofitted to compact fluorescents and low voltage.
- All secondary switch gear and three-phase equipment has had photovoltaic photography done to identify energy loss.
- We are in the process of implementing an Energy management System for the Sunriver Lodge HVAC system.





Local Impact

- New Sunriver Marina and Stables buildings will be LEED certified.
- A vegetable garden at the Sunriver waste treatment plant is demonstrating how local produce can be grown successfully in Sunriver with compost produced by Sunriver Utilities.
- Every year Sunriver Resort hosts “River Clean-Up Day” on the Deschutes River.
- Sage Springs Spa carries a line of organic and local products infused with plants and flowers from Central Oregon region.
- The collection of bio-solids and effluent from the wastewater plant means that waste is not discharged in to the Deschutes River, the woodlands golf course can reduce its need to add chemical fertilizers due to the high nitrogen content of the effluent, fresh drinking water is conserved and waste material that would normally go to a landfill can be processed in Sunriver.
- Crosswater Golf Club is a certified Audubon Sanctuary designated through the Audubon Society. This designation recognizes golf courses that protect the environment, conserve natural resources and provide wildlife habitats. Achieving certification demonstrates a course’s leadership, commitment and high standards of environmental management.
- Meadows restaurant featuring Anderson lamb products from a local Oregon family farm. These products are local, natural and sustainable.
- All F&B outlets are adding some organic beverage selections to their offerings. Organic Nation is a local, organic, micro distiller that we have selected for their gin and vodka.
- Housekeeping Manager rides a bike instead of driving a car here in the core.

