



*Beaver Creek*®  
*Environmental Initiatives*

Upon opening Dec. 15, 1980, Beaver Creek Resort was the most environmentally sensitive ski resort ever built in North America.

The resort's continued efforts have led to environmental "awareness" among resort employees, guests, residents and community members. Through targeted programs such as recycling, resource conservation, environmental education, wildlife habitat preservation and renewable energy, Beaver Creek has honored the foresight of its founders and continues to strive towards environmental sustainability.

Come on in and see what we've been up to.





## *Energy Conservation*

### ***Beaver Creek Lift Electricity***

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Beaver Creek buys 175 blocks of clean and renewable wind generated electricity per month, enough to run one of our chairlifts for that month. Each block represents 100-kilowatt hours (1,000 watts x 100 hours) and 100 pounds of coal that is not burned per month, forever. Buying that much wind power for a year saves **210,000 pounds of coal** and keeps **420,000 pounds of carbon dioxide**, the chief greenhouse gas, out of the air. According to the Environmental Protection Agency that's like: not driving 175 cars from Los Angeles to New York, or planting 88 acres of trees. We believe that choosing wind power is one of the most powerful environmental choices our business can make!

### ***Bachelor Gulch and Beaver Creek Lighting Plan***

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Both Beaver Creek, during the 1980's, and Bachelor Gulch, in 2000/2001, made a commitment to utilize low visual lighting that would minimize visual impacts and conserve energy. These regulations have reduced lighting energy use by as much as **40 % per year**, based on wattage.

### ***Beaver Creek Snowmaking***

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Due to a high dependency on electric power, Beaver Creek snowmaking proactively seeks and utilizes equipment and technology to maximize energy efficiency.

- Since 1989, and continuing with current projects, the snowmaking department utilizes Variable Frequency Drives (VFD's) for primary water pumps. Through the use of these pumps the resort realizes an **18 % decrease** in energy consumption as compared to conventional pumping systems.
- To further maximize energy efficiency, the resort has replaced the conventional, and older, air/water systems (a 10:1 air/water ratio) with the new, technologically advanced tower guns (a 1:1 air/water ratio). This conversion of **151 snow guns** reduces energy consumption by **90 %** when compared with conventional equipment.
- The resort's western hillside reservoir is used to manage peak-use impacts of snowmaking on electrical consumption. The use of this reservoir, thanks to its gravity-feed delivery system, saves **3000 kilowatts** of energy load without affecting operations. In addition, the reservoir allows for replenishment during off-peak electrical periods and during peak stream flows.



## *Waste Reduction and Recycling*

### ***Recycling***

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Beaver Creek is committed to recycling and conservation programs. In 2001 Beaver Creek recycled over **750,000 lbs.** of recyclable materials. Beaver Creek's goal is to increase total recycle volume, thus **decreasing landfill** waste by **10 % each year**. Beaver Creek recycles materials including wood, glass, plastics, cardboard, scrap metal, asphalt, newspapers, office paper, magazines, computers and skis.

### ***Chemical Waste Programs***

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Beaver Creek has implemented an extensive universal and hazardous waste collection program in an effort to exceed state and federal regulations. Our goal is to continually utilize the "best management practice," whether or not the substance is regulated. To meet these goals the environmental department has developed extensive training and compliance programs, with upper management support. These guidelines can be found on our Intranet web site, available to all employees.

The following are the quantities of controlled wastes managed during 2001.

Mercury Lamps	1742 lbs.
Waste Paint	1480 lbs.
Used Oil and Filters	1475 lbs.
Glycol	3304 lbs.
Batteries	250 lbs.
Aerosol Cans	40 lbs.
Waste Gas	545 lbs.
Harardous Liquid Waste	944 lbs.
Waste Combustible Liquid	415 lbs.
Combustible Liquid Product	161 lbs.
Non Regulated Waste	498 lbs.
Cleaning Compounds	237 lbs.
<b>Grand Total</b>	<b>11,091 lbs.</b>

### ***Beaver Creek Mountain Dining***

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Beaver Creek Mountain Dining management is dedicated to reducing trash that goes to our landfills. To that end, all dinnerware used by Beaver Creek is washable and reusable, rather than non-reusable paper products. In its fine dining restaurants Beaver Creek Mountain Dining uses only washable napkins to reduce waste.

### ***Purchase of Products Made With Recycled Materials.***

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A significant part of any successful recycling program is dedication to purchasing of recycled products, thus supporting the entire recycling loop.

- All copy paper purchased for Beaver Creek management is made up of 30 % post consumer waste.
- During the 2001 ski season, Beaver Creek implemented a guest recycling program at the top and bottom of every lift. The 40 containers used in this program are constructed using 100 % recycled plastic.
- In all Beaver Creek Mountain cafeterias only non-bleached napkins made from recycled paper are used. This represents over 600,000 recycled products purchased.