ARAPAHOE BASIN ENVIRONMENTAL POLICY

As stewards of an exceptional mountain environment, Arapahoe Basin Ski Area is committed to providing quality outdoor recreation experiences. Our staff and guests realize Arapahoe Basin is a priceless natural treasure. We strive to continually improve our environmental performance in order to provide enjoyment of Arapahoe Basin for future generations of snow and mountain enthusiasts.
DEAR FRIENDS OF THE ENVIRONMENT,

Arapahoe Basin Ski Area truly is “The Legend.” Founded in 1946 with modest aspirations, Arapahoe Basin has grown into a thriving and vibrant collective of great snow, amazing terrain, beautiful scenery and even better people! Over the years, things have changed a bit. Chairlifts were built, buildings improved, people come and gone. But one thing has never changed: The Vibe.

We are lucky to be perched high on the Continental Divide, with elevations exceeding 13,000 feet prolonging our season and preserving our amazing snow. However, we are not immune to the effects climate change will have, and indeed is already having on our precious winters. Since the year 2000, the average January temperature in Colorado has been below or at the historical average only three times, with the other 12 years being significantly warmer than that average.

We at Arapahoe Basin believe it is our duty to do everything within our power to protect this amazing place and the wonderful way of life we enjoy as winter sports enthusiasts. We compost and recycle significant portions of our waste stream, we use energy efficient lighting and appliances in our buildings, and we encourage carpooling and public transportation for employees and guests alike. We generate clean, renewable solar power onsite and we advocate strong action on the part of our elected and appointed officials. These efforts and others have proven to be very fruitful as we see significant reductions in our greenhouse gas emissions year after year and a strengthening coalition of climate activists among our peers in the ski industry.

Are we perfect? Absolutely not. However, through these small systemic changes to the way we do business, we feel we can make huge differences in the way people think about climate change and skiing. And you can help too!

Reuse, recycle, and compost. Carpool and ride the bus. Hold your political and industry leaders to a higher standard. Conserve water. Turn off lights. Vote. Go skiing and snowboarding! These things can be part of your everyday routine, and all of these things can and will help all of us to walk lighter on the planet—even in our ski boots!

Thank you for sharing our passion for keeping winter white and we look forward to meeting you on our slopes!

Sincerely,

Sha Miklas, Environmental Manager
Mike Nathan, Sustainability Supervisor
Alan Henceroth, Chief Operating Officer
Every ski area relies on a variety of resources to keep the lifts turning, snowcats grooming and the hot chocolate flowing. A-Basin is continuing to track how resources are used in order to see progress and discover inefficiencies. The goal is to keep tracking utilities, and analyze the data, in order to make necessary changes to the existing systems. All of these alterations minimize the impact on the natural environment while reducing resource consumption.

**ELECTRICITY**

Electricity is used primarily to turn chairlifts and to power our buildings. In buildings, electricity goes towards powering office and kitchen equipment, lighting, and in some cases, heating.

**PROPANE**

Propane is the main fuel source for heat in most buildings and for most cooking appliances. Although one of the cleanest burning fuels with limited greenhouse gas emissions, propane is still a non-renewable fossil fuel, which we strive to use less and less of each year.

**DIESEL AND GASOLINE**

Five snowcats, five pieces of heavy equipment, two UTVs, eight trucks and seven snowmobiles keep the mountain moving. Idle times are limited and regular maintenance ensures these vehicles run smoothly and burn as little fuel as possible.

**WATER: SNOWMAKING**

From October through December, highly efficient airless snowguns provide a head start to early season skiing and help to build a base that lasts long into the summer. Water diversions are closely monitored and very limited to ensure healthy conditions downstream.

**WASTE: TRASH, COMPOST, RECYCLING**

Recycling and compost receptacles are provided for guests and employees wherever they may encounter a waste bin. Signage in each food venue helps identify which items are compostable and which items are recyclable.
**ARAPAHOE BASIN RESOURCE INVENTORY**

**ELECTRICITY USE—PUBLIC BUILDINGS**

- **Base Area Buildings** include the A-Frame base lodge, the Guest Services building, the Ticket Office, the Winter Sports Building and the First Aid building.
- Buildings not included in this graph are Patrol Headquarters, the vehicle shop/wastewater treatment plant, lift shacks and the mid-mountain pumphouse.

**AREA-WIDE PROPANE USE**

- **Operating Year**
  - 07/08
  - 08/09
  - 09/10
  - 10/11
  - 11/12
  - 12/13
  - 13/14

**AREA-WIDE FUEL USE**

- **Operating Year**
  - 08/09
  - 09/10
  - 10/11
  - 11/12
  - 12/13
  - 13/14
ARAPAHOE BASIN RESOURCE INVENTORY

**AREA-WIDE WASTE**

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<th>Pounds Per Skier Visit</th>
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**AREA-WIDE COMPOST**

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**AREA-WIDE RECYCLING**

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<td>13/14</td>
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Notes:
1. Does not include solid waste sent to landfill or compost from our wastewater treatment plant. Estimated volume is 10 cubic yards annually, but tonnage measurement not available.
2. This chart reflects a revision in the 2010/11 season reported totals as compared to the last annual report.
RECYCLING POLICY
Recycling is part of every Arapahoe Basin employee’s daily job responsibilities. Wherever there is a garbage receptacle, there is a recycling receptacle. In a positive and friendly way, employees encourage guests to recycle and are encouraged to share recycling and waste reduction ideas with their supervisors.

COMPOSTING POLICY
Arapahoe Basin offers stations to dispose of compostable waste in all kitchen and dining areas at the Legends Cafe, Black Mountain Lodge, 6th Alley Bar & Grill, in the Snowsports lunch program and at all after-hours events. Compost bins are also available in most offices and on-mountain locations, including Ski Patrol Headquarters and the Vehicle Maintenance Shop.

VEHICLE IDLING POLICY
In an effort to reduce greenhouse gas emissions, reduce fuel costs, and minimize vehicle hours, the National Ski Area Association’s ‘No Idling Policy’ was adopted in the ‘10-‘11 season. Idling time for gasoline and diesel powered vehicles must be limited. Employees are encouraged to follow this policy for personal vehicles.

ARAPAHOE BASIN RESOURCE GUIDELINE
Employees are given specific guidelines to help reduce water use, paper use and electricity use (e.g. from lighting, heat and electronics).

PURCHASING GUIDELINES
Employees are encouraged to purchase from environmentally-responsible companies that manufacture environmentally-friendly products. Employees are empowered to spend a certain percentage more on such goods.

PUBLIC TRANSPORTATION/CARPOOLING
Arapahoe Basin strongly encourages guests and employees to ride the free Summit Stage bus or to carpool to the ski area. Lift ticket discounts and reserved parking spaces are available to the guests who do so.

SAVE OUR TREES
Arapahoe Basin is working on paper reduction across all departments. Everyone from human resources to administration and accounting is reusing paper, printing double-sided and going electronic wherever possible.

REUSABLE TABLEWARE AND CUTLERY
All service containers that are not reusable are compostable. “Hydration stations” encourage guests to refill their own bottles and to use reusable cups instead of disposable cups.

SNOWMAKING
Arapahoe Basin’s snowmaking system includes a water storage pond and maximizes bypass stream flows. Steady diversions of this type minimize impacts to aquatic habitat, wetlands and stream ecology. To cut down on associated electricity use, the snowmaking system includes an automated pump system and airless technology.

ACE’S WILD ADVENTURE/GRACIE’S GROVE
Arapahoe Basin has four areas on the mountain that introduce guests to the biodiversity of the ski area’s mountain environment. The stations act as outdoor teaching areas focused on the animals, trees, plants, seasons and bio-zones of the mountain.

FISH AND WILDLIFE
Arapahoe Basin recognizes its unique location within its surrounding ecosystem. Work to understand, minimize and mitigate impacts to fish and wildlife will remain a priority, as will projects to enhance habitat, especially for species of concern.

FOREST AND VEGETATION MANAGEMENT
Arapahoe Basin will continue to manage the forest and the vegetation in a way that supports ecosystems and allows for public recreation.

WETLANDS AND RIPARIAN AREAS
Wetlands are critical to alpine ecosystems and impact water quality throughout the Colorado River watershed. Arapahoe Basin will minimize impacts to wetlands and riparian areas.

AIR QUALITY
Arapahoe Basin minimizes air quality impacts by reducing greenhouse gas emissions and by eliminating the use of two stroke engines.
Arapahoe Basin’s future commitment to the environment is to expand and improve the sustainability program with attainable goals and the plans to effectively implement them. The success of these goals will be measured by continually inventorying resource usage and by changing policies, operations and systems accordingly.

1. **CONTINUE TO TRACK RESOURCE USAGE THROUGH THE NSAA CLIMATE CHALLENGE, WHICH INCLUDES A COMMITMENT TO PERFORM A GREENHOUSE GAS EMISSIONS INVENTORY AND SET A TARGET FOR REDUCTION.**

2. **CLIMATE CHALLENGE GOAL: ARAPAHOE BASIN SKI AREA WILL REDUCE GREEN HOUSE GAS EMISSIONS BY 10% PER SQUARE FOOT THROUGHOUT ALL OF OUR BUILDINGS AND WE WILL REDUCE OUR OVERALL GREEN HOUSE GAS EMISSIONS BY 3% BELOW THE ’09-’10 BASELINE LEVELS BY 2020.**

3. **ENTRANCE INTO THE COLORADO ENVIRONMENTAL INDUSTRIAL CHALLENGE AND SET A LONG-TERM EMISSION REDUCTION GOAL TO HELP COLORADO MEET ITS 15% GHG REDUCTION GOAL.**

4. **IMPROVE ENVIRONMENTAL COMMUNICATION WITH AND BUY-IN FROM STAKEHOLDERS**

**ACHIEVEMENTS**

### 2005 NSAA SILVER EAGLE AWARD —EXCELLENCE IN WATER CONSERVATION

In 1995, Arapahoe Basin began an analysis to implement a snowmaking system. The approval process took several years and included multiple government agencies and stakeholder groups. Key concerns were maintaining water quality and quantity and protecting fish habitats. Alternatives were developed to maintain more consistent stream flows, protected fisheries and minimize impacts to the North Fork and main stem of the Snake River.

Snowmaking construction began in July 2002 and was completed in the fall of 2003. As a result, Arapahoe Basin boasts one of the longest ski seasons in North America.

### 2008 NSAA SILVER EAGLE AWARD —VISUAL IMPACT

Arapahoe Basin’s 400-acre Montezuma Bowl terrain was developed in the summer of 2007 with an emphasis on minimizing environmental impacts.

Alternative construction methods were used and fewer than 3 acres of trees were removed. The only structures installed were the chairlift (with shacks at the top and bottom), snow fences, an avalauncher tower, trail signs, boundary posts and a bathroom with a composting toilet. In addition, the lower chairlift shack is powered by a small solar array, eliminating the need for any electrical infrastructure.

### 2014 NSAA GOLDEN EAGLE AWARD

Recent emphasis on waste reduction efforts at the ski area has paid off in a big way. In 2014 the NSAA awarded Arapahoe Basin with a Golden Eagle Award for environmental excellence in recognition of these efforts. Through education and improved signage in cafeterias and around the mountain A-Basin was able to divert more than 50 tons of recyclable and compostable waste from the landfill over the past two ski seasons.
MAKE A CLEAN GETAWAY
When buying your next car, pick the least-polluting, most efficient vehicle that meets your needs. Maybe it’s an innovative hybrid that combines a gasoline engine with electric motors (and never needs to be plugged in). Be on the lookout for new hybrid SUVs on the market.

DON’T BE A DRAG
Take your ski rack off your car and replace your snow tires with your regular tires at the end of the season. Both could save you 6 percent at the pump. A tune-up could boost your miles per gallon anywhere from 4 to 40 percent. A new air filter could get you 10 percent more miles per gallon.

SHARE A RIDE
When heading to the mountain, carpool or take public transit or shuttles to help reduce greenhouse gas (GHG) emissions associated with your travel.

BE AN EFFICIENT CONSUMER
Believe it or not, picking the right appliances, air conditioners and computers can make a big difference in reducing pollution from power plants. So look for the most energy-efficient models. You might have to spend a bit more up front, but you’ll save on electricity bills.

HAVE A BRIGHTER IDEA
Those curly compact fluorescent light bulbs will lower your energy bills by about $15 a year (more than $60 over the lifetime of the bulb). It will also keep half a ton of carbon dioxide out of the air. While compact fluorescents are more expensive than regular bulbs they last up to 10 times as long.

CONSIDER CLEANER ENERGY
If you live in a state that lets you choose your power company, pick one that generates at least some of its power from wind, solar energy or other clean sources. If you don’t have the option to select a supplier yet, you might still be able to support renewable energy through an option on your electricity bill. Another way to help spur the renewable energy market and cut global warming pollution is to buy “wind certificates,” “Green Tags™” or “Cool Tags™.” They represent clean power you can add to the nation’s energy grid in place of electricity from fossil fuels.

STAND UP AND BE COUNTED
Contact your elected representatives and ask them to do more to reduce CO₂ emissions and keep winter cool for skiing and snowboarding.

SPREAD THE WORD
Tell your lift mates, family and friends!

HELP ARAPAHOE BASIN KEEP WINTER WHITE
MEET OUR ENVIRONMENTAL PARTNERS

HIGH COUNTRY CONSERVATION CENTER is a non-profit organization dedicated to minimizing waste and furthering sustainable living in and around Summit County. They work with residents, businesses and schools in areas including waste reduction, energy efficiency and clean energy and sustainable food production.
970-668-5703
WWW.HIGHCOUNTRYCONSERVATION.ORG

FRIENDS OF THE EAGLES NEST WILDERNESS was formed to raise in-cash, in-kind and in-service goods to help the Dillon Ranger District of the White River National Forest maintain the Summit County portions of the Eagles Nest, Ptarmigan Peak and Holy Cross Wilderness areas.
970-468-6219
WWW.FENW.ORG

THE CONTINENTAL DIVIDE LAND TRUST is dedicated to preserving the unique open spaces of the Central Rockies, through land stewardship, public education and landowner consultation, to ensure and enhance the rural mountain character of our communities.
970-453-3875
WWW.CDLT.ORG

THE KEYSTONE SCIENCE SCHOOL provides quality science education through hands on inquiry of the natural world. They offer several programs including summer youth camps and teacher education courses.
970-262-0152
WWW.KEYSTONE.ORG

NATIONAL FOREST FOUNDATION engages Americans in community-based and national programs that promote the health and public enjoyment of the 193-million-acre National Forest System and administers private gifts of funds and land for the benefit of the National Forests.
WWW.NATIONALFOREST.ORG

SUMMIT STAGE—It’s free! Receive discounted lift tickets for riding the bus. Routes available to and from Arapahoe Basin November through May.
WWW.SUMMITSTAGE.COM

SKICARPOOL.COM is a nonprofit organization that facilitates carpooling to Colorado ski areas through their website.
WWW.SKICARPOOL.COM

THE SKI LIFT is a carpooling and social networking site for skiers and snowboarders all over the world. You can get someone to split gas, or get rides to the mountain if you don’t have a car that can make it.
WWW.THESKILIFT.ORG

EMPLOYEE ENVIRONMENTAL FUND
Arapahoe Basin employees are helping fund community projects by donating to our Employee Environmental Fund. This fund, which Arapahoe Basin matches dollar for dollar, supports two local environmental organizations: the Continental Divide Land Trust and the Friends of Eagles Nest Wilderness.

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