

Welcome to the Ski Area Environmental Scorecard 2008-2009

Canadian Edition

The following pages offer a detailed explanation of the criteria listed in this grid, how each criterion is graded, and the reasons for points being awarded or deducted.

SKI AREA: Big White Ski Resort		Score: 46.7% Rank: 14 of 17	Max. Point Value	Score	2008- 2009	2007- 2008	2006- 2007	2005- 2006	2004- 2005
1	Maintaining ski terrain within the existing footprint	30	16	--	--	X	X	X	
2	Preserving Undisturbed Lands from Development	31	14.6	X	X	--	--	X	
3	Protecting or maintaining habitat for species at risk	22	20	--	--	--	X	--	
4	Preserving / protecting environmentally sensitive areas	30	30	--	--	--	--	--	
5	Conserving water and energy by avoiding new snowmaking	20	14	X	--	--	--	X	
6	Protecting Water Quality	12	0	--	--	√ Positive Initiative X Negative Impact -- No Initiative or No Information			
7	Environmental policy positions and advocacy	15	5	--	--				
8	Using renewable / sustainable energy sources	17	4	√	√				
9	Water and Energy efficiency	20	0	--	--				
10	Transportation	9	3	√	√				
11	Waste stream management	9	1	√	√				
12	Purchasing	8	0	--	--				
13	Environmental Reporting and Accountability	5	0	--	--				
14	Community Sustainability	2	0	--	--				
GRADE: TOTALS:			D	230	107.6				

Please note: While based on thorough research, investigation, and comprehensive documentation of ski area environmental policies and practices, the grades and grading system constitute only the opinion of the Ski Area Citizens' Coalition. Ski areas were invited to share information on their environmental management plans. Not all ski areas made their information available to the public. Grades will be updated as new information becomes available.

WHAT YOU CAN DO AT YOUR HILL:

- * You can create positive change on your ski hill by showing you care about environmental responsibility.
- * If your favourite ski area is getting high grades on this Scorecard, congratulate the staff and thank them for helping to preserve our mountains.
- * If your favourite ski area is getting low grades on this Scorecard, ask their staff about what might be done to improve environmental policies.

Criteria Details

Please contact info@utsb.ca for more information or for documentation of listed projects.

Annually progressive grades: Criteria 1-5 are graded on a progressive basis, with 100% of points docked for proposals made or still in place, approved, or implemented in the last year (based on the calendar year), 80% between one and two years ago, 60% between two and three years ago, 40% between three and four years ago, 20% between four and five years ago, and 0% before five years.

1. Maintaining Ski Terrain Within the Existing Footprint (30 points)

The ski area is not proposing, undertaking, nor has undertaken terrain expansion on currently undisturbed land. Similarly, the ski area has not sought management prescriptions or local zoning for additional terrain expansion outside currently disturbed areas. Zoning expansions are worth 25% of acreage values. Ski area upgrades and improvements that take place within already impacted ski area boundaries, as opposed to expansions into undisturbed terrain, have less damaging impacts on wildlife and the environment. Points based on acreage of expansion or zoning request: No expansion: 30 points; Up to 50 acres: 25 points; 51-100 acres: 20 points; 101-150 acres: 15 points; 151-200 acres: 10 points; 201-300 acres: 5 points; 301+ acres: 0 points.

- * 2004-2005 addition of 50-acre Telus Park (-5X20% = -1)
- * 2004-2005 Mount Washington's Boomerang Chair opens-up another 400 acres of new backcountry terrain (-30X20% = -6)
- * 2005-2006 Gem Lake expansion adds just under 200 acres of skiable terrain (-10X40% = -4)
- * 2006 Construction of 9 acre 66 million gallon water reservoir (-5X60% = -3)
- * Points awarded: 16/30

2. Preserving Undisturbed Lands from Development (31 points)

The ski area is not proposing, undertaking, nor has undertaken parking lot development, road construction, residential development, commercial ventures, or other construction (excluding employee housing) on undisturbed lands, by year on a progressive basis. Similarly, the ski area has not sought zoning for such development. Remodeling, expanding existing facilities, or construction on previously disturbed lands are granted full credit. Zoning requests are worth 25% of point values. Parking lot construction denudes an area of vegetation, exposes excessive soil for sediment run-off in streams and creates oil and anti-freeze concentrations that can affect water quality. Road construction denudes an area of vegetation, exposes excessive soil for sediment run-off in streams and creates oil and anti-freeze concentrations that can affect water quality. Construction denudes an area of vegetation, exposes excessive soil for sediment run-off in streams and requires associated sewer lines, power lines, etc.

2a) Maintaining Development within Currently Disturbed Lands: No development outside currently disturbed lands: 20 points; Up to 10 acres: 15 points; 11-25 acres: 10 points; 26-50 acres: 5 points; 51+ acres: 0 points

2b) Avoiding Road Construction on Undisturbed Land: No road construction: 8 points; Up to .5 mile: 4 points; .5-.9 mile: 2 points; 1 mile+: 0 points

2c) Avoiding Parking Lot Construction on Undisturbed lands: No Development on undisturbed lands: 3 points; Up to 2 acres: 2 points; 2-5 acres: 1 point; 5+ acres: 0 points

- * 2004-2005 Black Forest parking lot created for 600 cars, approximately 5 acres (-2X20% = -0.4)
- * 2007-2008 The Edge development under construction (-5)

*2007-2008 Feathertop real estate development, 2nd and 3rd phases completed (-5)

*2007-2008 Black Forest parking lot expanded for additional 180 vehicles (-1)

*2010-2011 Projected end date for the Chateau Blanc development; construction is well underway (-5)

* Points awarded 14.6/31

3. Protecting or Maintaining Threatened, Endangered, Sensitive, or Candidate Species and Their Habitat (22 points)

The ski area is not proposing or undertaking terrain expansion in areas used by threatened, endangered, or special concern species. The ski area has not sought changes to management prescriptions or local zoning for terrain expansion into land used by threatened, endangered, or special concern species.

Beneficial or No effect: 22 points; May affect/impact individuals of a population of one species: 21 points; two species: 19 points; three species: 17 points; four species: 15 points; five species: 13 points; six species: 11 points; seven species: 9 points; eight species: 7 points; nine species: 5 point; ten species: 3 points; eleven species: 2 points; twelve species: 1 point; Likely to adversely affect population viability: 0 points

* 2005-2006 Gem Lake expansion affected an area that may be used by grizzly bears, wolverine, and American badgers, all of which are species listed in the Species At Risk Act (-5X40% = -2)

* Points awarded: 20/22

4. Preserving Environmentally Sensitive Areas (30 points)

The ski area is not proposing, undertaking, nor has undertaken an expansion, land alteration, or development in known environmentally sensitive areas, by year on a progressive basis. Similarly, the ski area has not sought management prescriptions or local zoning for terrain alteration in environmentally sensitive areas. Ski runs are essentially permanent clear cuts; development makes land completely unavailable for most species. Logging in undisturbed forests, building roads, grading slopes with bulldozers or blasting, or covering over wetlands entails significant long-term environmental impacts. They sever the habitat and migration corridors of forest interior species such as lynx, and often result in the loss of old growth forest and wetlands. Creating new ski runs generally entails significantly greater impacts than ski runs cut in areas previously logged or altered. The Ski Area Environmental Scorecard does not compensate the destruction of wildlife habitat or wetlands for the implementation of mitigation measures. Sacrificing known quality wildlife habitat or a functioning wetland for development in return for questionably viable habitat through mitigation is unacceptable to the Ski Area Citizens Coalition.

In cases where significant scientific controversy exists as to the extent of impacts resulting from actions proposed, approved, or undertaken by the ski area, protection of natural resources is granted the benefit of the doubt.

4a) Protecting/Preserving Wetlands: No disturbance: 9 points; Up to .5 acres: 6 points; .5+ to 1 acre: 3 points; 1.01 - 1.99 acres: 1 point; 2 or more acres: 0 points

4b) Protecting/Preserving Old Growth: No old-growth disturbed: 9 points; Up to .5 acres: 6 points; .5+ to 1 acre: 3 points; 1.01 - 1.99 acres: 1 point; 2 or more acres: 0 points

4c) Protecting/Preserving Unique Geological Formations: No geologic alteration: 3 points; Up to .5 acre: 2 points; .5 - 1 acre: 1 point; 1+ acres: 0 points

4d) Protecting/Preserving Roadless Areas: No disturbance: 9 points; Up to 1 acre: 6 points; 1+ - 10 acres: 3 points; 10+ acres: 0 points

* No known development in environmentally sensitive areas (30)

* Points awarded: 30/30

5. Conserving Water and Energy by Avoiding New Snowmaking (20 points)

Snowmaking frequently requires withdrawal of waters when streams and aquatic life need it the most – in the low flow times of the year (fall and early winter). Snowmaking also uses vast quantities of energy that, to some degree, exacerbate global warming. New snowmaking utilizing reservoirs that recharge exclusively during high flow times (late spring and early summer) are not counted toward this criterion. 20 points based on acreage of new snowmaking proposed, approved, or implemented, by year on the progressive basis outlined above: No new snowmaking (or new snowmaking from reservoirs that recharge exclusively during high flow times): 20 points; Up to 50 acres: 15 points; 51 - 100 acres: 10 points; 100 - 200 acres: 5 points; 200+ acres: 0 points

* 2004-2005 New snowmaking to cover 50-acre Telus Terrain Park (-5X20% = -1)

* 2008-2009 New snowmaking to cover 50-acre Telus Terrain Park (-5)

* Points awarded: 14/20

6 Protecting Water Quality (12 points)

The ski area has a management plan in place to ensure its operations observe best management practices in order to not adversely affect the quality of water and the function of aquatic ecosystems in adjoining water bodies, streams, and rivers. Non-point source runoff from parking lots into the watershed is a common source of water quality degradation, as is contamination from wastewater treatment plants. Construction activities create large areas of exposed soil in the mountain environment, which create the potential for large sediment movements during spring run-off and rain events, in addition on-site storage of gas, oil, anti-freeze, solvents, etc. can leak and can contaminate surface and ground water.

6a) Has an aquatics management plan: 4 points

6b) Active and ongoing monitoring of water quality in the contiguous watershed: 4 points

6c) Comprehensive monitoring demonstrating no adverse effect on quality of water caused by ski hill operations: 4 points

* No known water management plan for water quality (0)

* Points Awarded: 0/12

7. Environmental Policy Positions and Advocacy (15 points)

7a) Not opposing any environmentally progressive local, provincial, or federal policies or legislation involving forest and land management issues that impact mountain ecosystems and environments: 5 points

b) Actively supporting environmentally progressive local, state, or federal policies or legislation involving forest and land management issues that impact mountain ecosystems and environments: 5 points

c) Addressing climate change including, but not limited to a position statement or support letter for the Kyoto Agreement or other specific policies aimed at reducing greenhouse gas emissions: 5 points

* Has not opposed environmentally progressive legislation (5)

* Points awarded: 5/15

8. Renewable Energy (17 points)

Global warming brings the potential to harm the ski industry by reducing wintertime snowfall and warming mountain temperatures. The ski industry will be one, if not the first industry to be impacted by the effects of increased global temperatures. Ski areas will be awarded points for the use and/or generation of the following renewable energy sources:

8a) Biodiesel fuel in any diesel equipment or vehicles [annual consumption totals: $.05 \times (\text{B5 gallons}) + .2 \times (\text{B20 gallons}) + (\text{B100 gallons})$]: 21% and above of total annual diesel use: 8 points; 16-20% of total annual diesel use: 7 points; 11-15% of total annual diesel use: 6 points; 6-10% of total annual diesel use: 5 points; 1-5% of total annual diesel use: 4 points

8b) Generating clean, renewable energy on-site such as wind, solar, geothermal or low impact certified hydroelectric: More than two facilities: 6 points; Two facilities: 5 points; One building facility: 4 points; More than two pieces of equipment: 3 points; Two pieces of equipment: 2 points; One piece of equipment: 1 point

8c) Purchasing wind, solar, geothermal or low impact certified hydroelectric energy credits to off-set electrical use for ski lifts and resort energy use: 51-100% of annual electricity use: 3 points; 6-50% of annual electricity use: 2 points; 1-5% of annual electricity use: 1 point

* Geothermal energy used in 'The Edge' on-hill homes (4)

* Points awarded: 4/17

9. Water and Energy Efficiency (20 points)

9a) Implemented energy efficiency retrofits in restaurant, lodging, lift, and other facilities: 81-100% of facilities: 6 points; 61-80% of facilities: 5 points; 41-60% of facilities: 4 points; 21-40% of facilities: 3 points; 6-20% of facilities: 2 points; 1-5% of facilities: 1 point

9b) Installation of energy efficient lighting, heating, insulation, power supply, etc. in restaurant, lodging, lift and other new (newly constructed within the past 5 years) facilities that are not required by law: 51%-100%: 2 points, 1%-50%: 1 point

9c) Replacement of old and/or energy inefficient snowmaking guns with automated systems, systems that minimize the use of compressed air, utilizing newer 3 stage centrifugal compressors and mounting guns on towers: 81-100% of facilities: 6 points (Full credit for ski areas that do not have snowmaking); 61-80% of facilities: 5 points; 41-60% of facilities: 4 points; 21-40% of facilities: 3 points; 6-20% of facilities: 2 points; 1-5% of facilities: 1 point

9d) Retrofitting old facilities with low flow faucets, toilets, or undertaking other water minimization practices: 51-100% of facilities: 2 points; 1-50% of facilities: 1 point

9e) Installation of low flow faucets, waterless urinals or other water minimization practices in new facilities that are not required by law: 51-100% of facilities: 2 points; 1-50% of facilities: 1 point

9f) Adhering to a green building policy or commitment: 2 points.

* No known initiatives (0)

* Points awarded: 0/20

10. Transportation (9 points)

Travel to and within ski resort areas creates traffic stresses and air quality problems. Increased vehicles equate to increased traffic problems, which means more pollution and difficulties for residents and visitors alike. By engaging in programs within the community and region to reduce the number of vehicle miles traveled, such as efforts to

promote buses, shuttles, and trains for workers and recreationists and giving special discounts for carpooling, ski areas can help ameliorate these environmental problems.

10a) Providing incentives for carpooling for guests and/or use of mass transit, such as lift ticket discounts or free or reduced parking: 3 points

10b) Providing incentives for carpooling for employees and/or use of mass transit: 3 points

10c) Promoting or sponsoring commuter buses and shuttles from off-mountain sites to the ski area. (Intra-mountain shuttles traveling between parking areas, base areas and lodging areas are not adequate for this criterion. 'Off-mountain sites' include down valley destination towns and park-and-ride areas): 3 points.

* Promotes commuter buses and shuttles from off-mountain sites (3)

* Points awarded: 3/9

11. Waste Stream Management (9 points)

11a) Recycling customer use products (bottles, cans, aluminum, plastic, newspaper, trail maps, etc.): 67-100% of waste stream by weight or volume: 3 points; 34-66% of waste stream by weight or volume: 2 points; 1-33% of waste stream by weight or volume: 1 point

11b) Recycling non-customer use products (cardboard, oil, etc.): 51-100% of waste stream: 2 points; 1-50% of waste stream: 1 point,

11c) Reusing or using recycled building materials: 51-100%: 2 points; 1-50%: 1 point

11d) Composting food waste or other products: 2 points.

* Recycles some customer use materials (1)

* Points awarded: 1/9

12. Purchasing (8 points)

12a) Using non-disposable, food service flatware, dishes, and other items: 67-100% of facilities: 3 points; 34-66% of facilities: 2 points; 1-33% of facilities: 1 point

12b) Purchasing recycled office and food service paper products: 67-100% of use by weight, volume or cost (via purchase orders): 3 points; 34-66% of use by weight, volume or cost (via purchase orders): 2 points; 1-33% of use by weight, volume or cost (via purchase orders): 1 point

12c) Use of cleaner burning, fuel efficient 4-stroke snowmobiles: 50% and up of snowmobile fleet 4-stroke: 2 points; 1-49% and up of snowmobile fleet 4-stroke: 1 point; No 4-stroke snowmobiles in fleet: 0 points.

* No known initiatives (0)

* Points awarded: 0/8

13. Environmental Reporting and Accountability (5 points)

13a) Does your resort track its annual water, energy, waste, and other resource purchasing and consumption: 2 points.

13b) Publication of an annual or semi-annual environmental performance report that is, or can be, publicly available: 2 points.

13c) Undertaking independent 3rd party auditing of environmental practices, including but not limited to certification under ISO 14001: 1 points.

* No known initiatives (0)

* Points awarded: 0/5

14. Community Sustainability (2 points)

14a) Providing funding or other support to a local philanthropic foundation for environmental protection/conservation/sustainability purposes: 2 points.

* No known initiatives (0)

* Points awarded: 0/2

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SKI AREA: Silver Star Mountain Resort		Score: 47.3% Rank: 13 of 17	Max. Point Value	Score	2008- 2009	2007- 2008	2006- 2007	2005- 2006	2004- 2005
1	Maintaining ski terrain within the existing footprint	30	18	--	--	--	--	--	X
2	Preserving Undisturbed Lands from Development	31	9.8	X	X	X	--	--	X
3	Protecting or maintaining habitat for species at risk	22	19	--	--	--	--	--	X
4	Preserving / protecting environmentally sensitive areas	30	21	X	--	--	--	--	--
5	Conserving water and energy by avoiding new snowmaking	20	20	--	--	--	--	--	--
6	Protecting Water Quality	12	0	--	--	√ Positive Initiative X Negative Impact -- No Initiative or No Information			
7	Environmental policy positions and advocacy	15	5	--	--				
8	Using renewable / sustainable energy sources	17	5	√	--				
9	Water and Energy efficiency	20	6	--	--				
10	Transportation	9	3	√	√				
11	Waste stream management	9	1	√	√				
12	Purchasing	8	1	√	√				
13	Environmental Reporting and Accountability	5	0	--	--				
14	Community Sustainability	2	0	--	--				
GRADE: TOTALS:		D	230	108.8					

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1. Maintaining Ski Terrain Within the Existing Footprint (30 points)

The ski area is not proposing, undertaking, nor has undertaken terrain expansion on currently undisturbed land. Similarly, the ski area has not sought management prescriptions or local zoning for additional terrain expansion outside currently disturbed areas. Zoning expansions are worth 25% of acreage values. Ski area upgrades and improvements that take place within already impacted ski area boundaries, as opposed to expansions into undisturbed terrain, have less damaging impacts on wildlife and the environment. Points based on acreage of expansion or zoning request: No expansion: 30 points; Up to 50 acres: 25 points; 51-100 acres: 20 points; 101-150 acres: 15 points; 151-200 acres: 10 points; 201-300 acres: 5 points; 301+ acres: 0 points.

* 2005-2006 Silver Woods expansion adds seven new runs and over 400 acres of skiable terrain
(-30X40% = -12)

* Points awarded: 18/30

2. Preserving Undisturbed Lands from Development (31 points)

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2a) Maintaining Development within Currently Disturbed Lands: No development outside currently disturbed lands: 20 points; Up to 10 acres: 15 points; 11-25 acres: 10 points; 26-50 acres: 5 points; 51+ acres: 0 points

2b) Avoiding Road Construction on Undisturbed Land: No road construction: 8 points; Up to .5 mile: 4 points; .5-.9 mile: 2 points; 1 mile+: 0 points

2c) Avoiding Parking Lot Construction on Undisturbed lands: No Development on undisturbed lands: 3 points; Up to 2 acres: 2 points; 2-5 acres: 1 point; 5+ acres: 0 points

* 2004-2005- Snowbird Lodge Phases 1 and II (-5X20% = -1)

* 2004-2005 Expansion of Parking Lot E (-1X20% = -0.2)

* 2006-2007 Proposal to build a golf course on 510 hectares of forested Class A parkland; At the resort's request, the land was officially re-classified as a Controlled Recreation Area to allow the golf-course to proceed
(-20X60% = -12)

- * 2006-2007 49 lots for development of Alpine Meadows homes (-5X60% = -3)
- * 2008-2009 The Ridge subdivision development Phase II completed (-5)
- * 2008-2009 Clear-cutting of forested lands for use as sewage effluent irrigation lagoons — over 40 acres (-15)
- * 2008-2009 Expansion of Parking Lot C (-1)
- * Points awarded 9.8/31

3. Protecting or Maintaining Threatened, Endangered, Sensitive, or Candidate Species and Their Habitat (22 points)

The ski area is not proposing or undertaking terrain expansion in areas used by threatened, endangered, or special concern species. The ski area has not sought changes to management prescriptions or local zoning for terrain expansion into land used by threatened, endangered, or special concern species.

Beneficial or No effect: 22 points; May affect/impact individuals of a population of one species: 21 points; two species: 19 points; three species: 17 points; four species: 15 points; five species: 13 points; six species: 11 points; seven species: 9 points; eight species: 7 points; nine species: 5 point; ten species: 3 points; eleven species: 2 points; twelve species: 1 point; Likely to adversely affect population viability: 0 points

- * 2005-2006 Silver Woods expansion on land that may be used by grizzly bears and wolverines (-3X40% = -1.2)
- * 2006-2007 Alpine Meadows development on land that may be used by mountain goats and wolverines (-3X60% = -1.8)
- * Points awarded: 19/22

4. Preserving Environmentally Sensitive Areas (30 points)

The ski area is not proposing, undertaking, nor has undertaken an expansion, land alteration, or development in known environmentally sensitive areas, by year on a progressive basis. Similarly, the ski area has not sought management prescriptions or local zoning for terrain alteration in environmentally sensitive areas. Ski runs are essentially permanent clear cuts; development makes land completely unavailable for most species. Logging in undisturbed forests, building roads, grading slopes with bulldozers or blasting, or covering over wetlands entails significant long-term environmental impacts. They sever the habitat and migration corridors of forest interior species such as lynx, and often result in the loss of old growth forest and wetlands. Creating new ski runs generally entails significantly greater impacts than ski runs cut in areas previously logged or altered. The Ski Area Environmental Scorecard does not compensate the destruction of wildlife habitat or wetlands for the implementation of mitigation measures. Sacrificing known quality wildlife habitat or a functioning wetland for development in return for questionably viable habitat through mitigation is unacceptable to the Ski Area Citizens Coalition.

In cases where significant scientific controversy exists as to the extent of impacts resulting from actions proposed, approved, or undertaken by the ski area, protection of natural resources is granted the benefit of the doubt.

4a) Protecting/Preserving Wetlands: No disturbance: 9 points; Up to .5 acres: 6 points; .5+ to 1 acre: 3 points; 1.01 - 1.99 acres: 1 point; 2 or more acres: 0 points

4b) Protecting/Preserving Old Growth: No old-growth disturbed: 9 points; Up to .5 acres: 6 points; .5+ to 1 acre: 3 points; 1.01 - 1.99 acres: 1 point; 2 or more acres: 0 points

4c) Protecting/Preserving Unique Geological Formations: No geologic alteration: 3 points; Up to .5 acre: 2 points; .5 - 1 acre: 1 point; 1+ acres: 0 points

4d) Protecting/Preserving Roadless Areas: No disturbance: 9 points; Up to 1 acre: 6 points; 1+ — 10 acres: 3 points; 10+ acres: 0 points

- * 2008-2009 Sewage effluent irrigation lagoons may pose a risk to the headwaters of ecologically important

streams and creeks and, to the city of Vernon's drinking water supply (-9)

* Points awarded: 21/30

5. Conserving Water and Energy by Avoiding New Snowmaking (20 points)

Snowmaking frequently requires withdrawal of waters when streams and aquatic life need it the most – in the low flow times of the year (fall and early winter). Snowmaking also uses vast quantities of energy that, to some degree, exacerbate global warming. New snowmaking utilizing reservoirs that recharge exclusively during high flow times (late spring and early summer) are not counted toward this criterion. 20 points based on acreage of new snowmaking proposed, approved, or implemented, by year on the progressive basis outlined above: No new snowmaking (or new snowmaking from reservoirs that recharge exclusively during high flow times): 20 points; Up to 50 acres: 15 points; 51 - 100 acres: 10 points; 100 - 200 acres: 5 points; 200+ acres: 0 points

* No known new snowmaking activities (20)

* Points awarded: 20/20

6 Protecting Water Quality (12 points)

The ski area has a management plan in place to ensure its operations observe best management practices in order to not adversely affect the quality of water and the function of aquatic ecosystems in adjoining water bodies, streams, and rivers. Non-point source runoff from parking lots into the watershed is a common source of water quality degradation, as is contamination from wastewater treatment plants. Construction activities create large areas of exposed soil in the mountain environment, which create the potential for large sediment movements during spring run-off and rain events, in addition on-site storage of gas, oil, anti-freeze, solvents, etc. can leak and can contaminate surface and ground water.

6a) Has an aquatics management plan: 4 points

6b) Active and ongoing monitoring of water quality in the contiguous watershed: 4 points

6c) Comprehensive monitoring demonstrating no adverse effect on quality of water caused by ski hill operations: 4 points

* No known management plan for water quality (0)

* Points Awarded: 0/12

7. Environmental Policy Positions and Advocacy (15 points)

7a) Not opposing any environmentally progressive local, provincial, or federal policies or legislation involving forest and land management issues that impact mountain ecosystems and environments: 5 points

b) Actively supporting environmentally progressive local, state, or federal policies or legislation involving forest and land management issues that impact mountain ecosystems and environments: 5 points

c) Addressing climate change including, but not limited to a position statement or support letter for the Kyoto Agreement or other specific policies aimed at reducing greenhouse gas emissions: 5 points

* Has not opposed environmentally progressive legislation (5)

* Points awarded: 5/15

8. Renewable Energy (17 points)

Global warming brings the potential to harm the ski industry by reducing wintertime snowfall and warming mountain temperatures. The ski industry will be one, if not the first industry to be impacted by the effects of increased global temperatures. Ski areas will be awarded points for the use and/or generation of the following renewable energy sources:

8a) Biodiesel fuel in any diesel equipment or vehicles [annual consumption totals: $.05 \times (\text{B5 gallons}) + .2 \times (\text{B20 gallons}) + (\text{B100 gallons})$]: 21% and above of total annual diesel use: 8 points; 16-20% of total annual diesel use: 7 points; 11-15% of total annual diesel use: 6 points; 6-10% of total annual diesel use: 5 points; 1-5% of total annual diesel use: 4 points

8b) Generating clean, renewable energy on-site such as wind, solar, geothermal or low impact certified hydroelectric: More than two facilities: 6 points; Two facilities: 5 points; One building facility: 4 points; More than two pieces of equipment: 3 points; Two pieces of equipment: 2 points; One piece of equipment: 1 point

8c) Purchasing wind, solar, geothermal or low impact certified hydroelectric energy credits to off-set electrical use for ski lifts and resort energy use: 51-100% of annual electricity use: 3 points; 6-50% of annual electricity use: 2 points; 1-5% of annual electricity use: 1 point

* 2008-2009 Experimenting with bio-diesel in their shuttle bus and grooming fleet this season (5)

* Points awarded: 5/17

9. Water and Energy Efficiency (20 points)

9a) Implemented energy efficiency retrofits in restaurant, lodging, lift, and other facilities: 81-100% of facilities: 6 points; 61-80% of facilities: 5 points; 41-60% of facilities: 4 points; 21-40% of facilities: 3 points; 6-20% of facilities: 2 points; 1-5% of facilities: 1 point

9b) Installation of energy efficient lighting, heating, insulation, power supply, etc. in restaurant, lodging, lift and other new (newly constructed within the past 5 years) facilities that are not required by law: 51%-100%: 2 points, 1%-50%: 1 point

9c) Replacement of old and/or energy inefficient snowmaking guns with automated systems, systems that minimize the use of compressed air, utilizing newer 3 stage centrifugal compressors and mounting guns on towers: 81-100% of facilities: 6 points (Full credit for ski areas that do not have snowmaking); 61-80% of facilities: 5 points; 41-60% of facilities: 4 points; 21-40% of facilities: 3 points; 6-20% of facilities: 2 points; 1-5% of facilities: 1 point

9d) Retrofitting old facilities with low flow faucets, toilets, or undertaking other water minimization practices: 51-100% of facilities: 2 points; 1-50% of facilities: 1 point

9e) Installation of low flow faucets, waterless urinals or other water minimization practices in new facilities that are not required by law: 51-100% of facilities: 2 points; 1-50% of facilities: 1 point

9f) Adhering to a green building policy or commitment: 2 points.

* No known new snowmaking activities (6)

* No known initiatives (0)

* Points awarded: 6/20

10. Transportation (9 points)

Travel to and within ski resort areas creates traffic stresses and air quality problems. Increased vehicles equate to increased traffic problems, which means more pollution and difficulties for residents and visitors alike. By engaging in programs within the community and region to reduce the number of vehicle miles traveled, such as efforts to promote buses, shuttles, and trains for workers and recreationists and giving special discounts for carpooling, ski areas can help ameliorate these environmental problems.

10a) Providing incentives for carpooling for guests and/or use of mass transit, such as lift ticket discounts or free or reduced parking: 3 points

10b) Providing incentives for carpooling for employees and/or use of mass transit: 3 points

10c) Promoting or sponsoring commuter buses and shuttles from off-mountain sites to the ski area. (Intra-mountain shuttles traveling between parking areas, base areas and lodging areas are not adequate for this criterion. 'Off-mountain sites' include down valley destination towns and park-and-ride areas): 3 points.

* Promotes commuter buses and shuttles from off-mountain sites (3)

* Points awarded: 3/9

11. Waste Stream Management (9 points)

11a) Recycling customer use products (bottles, cans, aluminum, plastic, newspaper, trail maps, etc.): 67-100% of waste stream by weight or volume: 3 points; 34-66% of waste stream by weight or volume: 2 points; 1-33% of waste stream by weight or volume: 1 point

11b) Recycling non-customer use products (cardboard, oil, etc.): 51-100% of waste stream: 2 points; 1-50% of waste stream: 1 point,

11c) Reusing or using recycled building materials: 51-100%: 2 points; 1-50%: 1 point

11d) Composting food waste or other products: 2 points.

* Recycling of some customer-use materials (1)

* Points awarded: 1/9

12. Purchasing (8 points)

12a) Using non-disposable, food service flatware, dishes, and other items: 67-100% of facilities: 3 points; 34-66% of facilities: 2 points; 1-33% of facilities: 1 point

12b) Purchasing recycled office and food service paper products: 67-100% of use by weight, volume or cost (via purchase orders): 3 points; 34-66% of use by weight, volume or cost (via purchase orders): 2 points; 1-33% of use by weight, volume or cost (via purchase orders): 1 point

12c) Use of cleaner burning, fuel efficient 4-stroke snowmobiles: 50% and up of snowmobile fleet 4-stroke: 2 points; 1-49% and up of snowmobile fleet 4-stroke: 1 point; No 4-stroke snowmobiles in fleet: 0 points.

* One-third of the touring snowmobile fleet is made of four-stroke models (1)

* Points awarded: 1/8

13. Environmental Reporting and Accountability (5 points)

13a) Does your resort track its annual water, energy, waste, and other resource purchasing and consumption: 2 points.

13b) Publication of an annual or semi-annual environmental performance report that is, or can be, publicly available: 2 points.

13c) Undertaking independent 3rd party auditing of environmental practices, including but not limited to certification under ISO 14001: 1 points.

* No known initiatives (0)

* Points awarded: 0/5

14. Community Sustainability (2 points)

14a) Providing funding or other support to a local philanthropic foundation for environmental protection/conservation/sustainability purposes: 2 points.

* No known initiatives (0)

* Points awarded: 0/2
