

ENVIRONMENTAL MANAGEMENT AT MULUBINBA LODGE

National Parks & Wildlife Service (NPWS) require Shortland Alpine Club to report its environmental performance annually from 1 March to 28 February on-line via the PRREMS (Perisher Range Resorts Environmental Management System) against the following areas:

- Flora & Fauna
- Soil & Air Quality
- Water
- Waste
- Energy
- Cultural Heritage & Amenity
- Sustainable Tourism
- Benchmarking against targets for energy & water use per visitor night

The intention of the Environmental Management System (EMS) is to foster continual environmental improvement by all lodges in the Perisher Resort Area. The success of this is measured against targets determined by NPWS.

SOME EXAMPLES OF ENVIRONMENTAL IMPROVEMENTS/GOOD PRACTICE AT MULUBINBA LODGE

- **Flora & Fauna**

Weed control around the Lodge is undertaken annually. Planting of additional local trees, shrubs & grasses is undertaken in conjunction with NPWS. The Lodge is located in an area ranked as HIGH in the Perisher Rehabilitation Plan Zone.

Only Elliot traps (approved by NPWS) for catching small marsupials & rats are used at the Lodge. No poisons, baits or snap traps are used.

- **Soil & Air Quality**

The Lodge surrounds are inspected annually for any signs of soil erosion.

The Lodge's grease trap is maintained annually. Only biodegradable chemicals (low or no phosphates) are used for washing dishes and in the laundry.

The timber fire is an efficient slow combustion unit and only dried timber is used. The chimney is cleaned every 6 months to remove the build-up of soot.

- **Water**

The Lodge uses on average 100 litres of water per person per night, which is 50% lower than the PRREMS target.

Linen is washed off-site during the peak winter period, reducing the amount of water used at the Lodge. Water saving devices are used in the kitchen & bathrooms. Guests are encouraged to conserve water.

- **Waste** There are separate labelled bins for general waste & recyclables. Waste is stored in a secure external bin enclosure at the front entry porch until collection by contractor.

The Lodge's grease trap is maintained annually by a contractor.

- **Energy**

Electrical panel heaters regulated by thermostats & time switches are the primary source of heating. Sensor switches are fitted to lights in the bathrooms and all light fittings have low energy globes.

The Lodge in recent years has reduced energy use considerably from a high of 160MJ/visitor night in 2010/11 to the current level of 54MJ/visitor night.

- **Cultural Heritage & Amenity**

A history of the Lodge is being developed progressively from contributions from previous & current members & guests. It is available on the Lodge's website.

- **Sustainable Tourism**

The Lodge has prepared a 'Review of environmental Risks', which is reviewed annually by the Board (refer to attachment).

- **Benchmarking against targets for energy & water use per visitor night**

Each year, the Board reviews the Lodge's environmental performance against PRREMS targets.

THE LODGE'S ENVIRONMENTAL PERFORMANCE

Benchmark Results

Year	Visitor nights	Energy (MJ/Visitor Night)	Water (Litres/Visitor Night)
2008/09	1894	85	130
2009/10	2510	144	80
2010/11	2250	160	98
2011/12	2200	69	117

2012/13	3234	113	66
2013/14	3289	93	66
2014/15	2240	68	104
2015/16	2295	62	108
2016/17	2768	56	98
2017/18	2654	63	131
2018/19	2814	54	104

Mulubinba Lodge has a very good record in environmental management, achieving all PRREMS Environmental Targets except for the target of purchasing more than 5% of total energy from renewable sources.

The Lodge has performed extremely well against the PRREMS energy and water usage targets. These targets are a 5% reduction in energy per annum and less than 200L of water used per visitor night. For the 10 year period (2008/09 to 2018/19), the Lodge achieved on average approximately a 3% reduction in energy use for each year, although there are upward & downward swings

Over the same time period, the Lodge used less than half the target water use.



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YOUR CONTRIBUTION TO THE LODGE'S ENVIRONMENTAL PERFORMANCE

Water saving.

- Limit shower times to preferably 2 minutes.
- Limit use of washing machines – wash only items needed during your stay and at the end of your stay take dirty clothes home for washing.
- Use the bath only for washing small children.

Waste & Recycling.

- Be aware of the 2 bin (general waste & recyclables) system used at the Lodge.
- Bottle collection for 10c refund.
- Refill plastic bottles from the Lodge's filtered water dispenser.

Energy management.

- Turn-off lights when not in rooms.
- Do not touch the thermostat settings on the room heaters. Consult the Lodge Captain to request a change.