

Mt Buller Water Recycle & Conservation Project

Providing a sustainable mountain



The Water Recycle Project is a key feature of the Government's "Our Water Our Future" action plan. The project aims to provide Mt Buller with Class A recycled water, which can be used in commercial, recreational and domestic applications including irrigating parklands and sporting fields, in gardens, laundries and toilets, and most importantly for snow making at Mt Buller! Class A recycled water is safe and provides customers with a year-round supply of high quality water.

Key	
Reservoir or Tank	
Pumping Stations	
UV Disinfection Plant	
Village Sewered Zone	
Village Water Supply	
Sewerage Gravity Feed	
Proposed Recycled Water Connections	
Recycled Water	
Snowmaking Area	

Info/Stats

- Project Budget – \$3.5 Million
- Estimated Completion – 2008 Ski Season
- Reuse Capacity – 2.0ML/d
- Average Snowmaking / Year – 205 ML
- Average Daily Water Use (Winter) – 1.2 ML
- Average Daily Water Use (Summer) 400 KL
- Altitude:
 - Sun Valley Reservoir – 1710 mAHD
 - Sewerage Treatment Plant – 1570 mAHD
 - Burnt Hut Reservoir – 1680 mAHD
 - Baldy Water Storage – 1720 mAHD

ML (Mega Litre) = 1,000,000 Litre
KL (Kilo Litre) = 1,000 Litre

1 & 2 • Boggy Pump Stations – Fresh Water is pumped from natural streams and springs for the use as potable water and for snow making

3 • Burnt Hut Reservoir – Water is stored here and treated with Ultra Violet (and Chlorine when required). This is the source of water for the lower section of the village.

4 • Baldy Tank – Water is stored here and treated with Ultra Violet (and Chlorine when required). This is the source of water for the higher section of the village.

5 • Sun Valley Reservoir – This is the reservoir where water is kept for snow making. This has a capacity of 70ML

6 • Class A sewerage treatment plant – This is where waste water is turned into highly usable Class A water.

For further information please contact the Mt Buller and Mt Stirling Alpine Resort Management Board on (03) 5777 6077

Sun Valley Reservoir and Pump Station (Snowmaking)

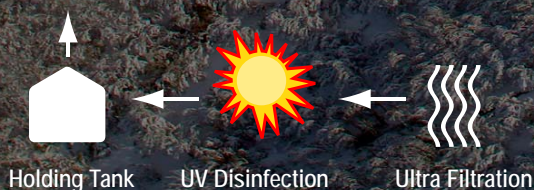
Baldy Water Storage and Pump Station

Burnt Hut (Water Storage)

Boggy 1 Pump Station Boggy 2 Pump Station

Wastewater Treatment Plant Class A

Treated Effluent to Howqua River



Our Water
Our Future

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The Future is On