

# **AMPHITHEATRE, REDBANK WATER SUPPLY CATCHMENTS**

## **A Proposal for Proclamation**

Forest Creek (Amphitheatre)  
Redbank Creek (Redbank)

Statement prepared for consideration by the  
Land Conservation Council

June 1990

Land Protection Division  
Department of Conservation and Environment

## **FOREST CREEK (AMPITHEATRE) WATER SUPPLY CATCHMENT**

Forest Creek, a tributary of Glenlogie Creek in the Avoca River Basin, is located on the south east foothills of the Pyrenees Range in north central Victoria. The catchment (320 ha) to Forest Creek is upstream of a reservoir the wall of which is located on CA 2G, 2F and 2S Parish of Glenlogie, approximately 2 km northwest of Amphitheatre.

### ***The Catchment***

The topography of the catchment is dominated by steeply dissected hills with a high erosion risk when cleared. Shallow, stony red gradational soils have developed on the Cambrian sediments which occur extensively throughout the catchment. Tertiary deposits are less extensive being exposed along the drainage lines and valleys where mottled duplex soils have developed. The native vegetation has been extensively cleared for pasture. Remnant native vegetation consists of red and yellow box, red stringybark and blue gum.

### ***Elevation/Rainfall***

Amphitheatre	318 m	613 mm
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### ***Land Use and Tenure***

The catchment occurs predominantly on private land (85%), where sheep grazing is the main use. Public land falls within the Pyrenees State Forest, (E6) and is used for hardwood production and apiculture. The Lexton Water Board owns the land which the reservoir occupies and a fenced area around the reservoir.

The Land Conservation Council (LCC) recommendations for the use of public land within the catchment are contained in "Final Recommendations, North Central Study Area, 1981", LCC Recommendations appear in brackets.

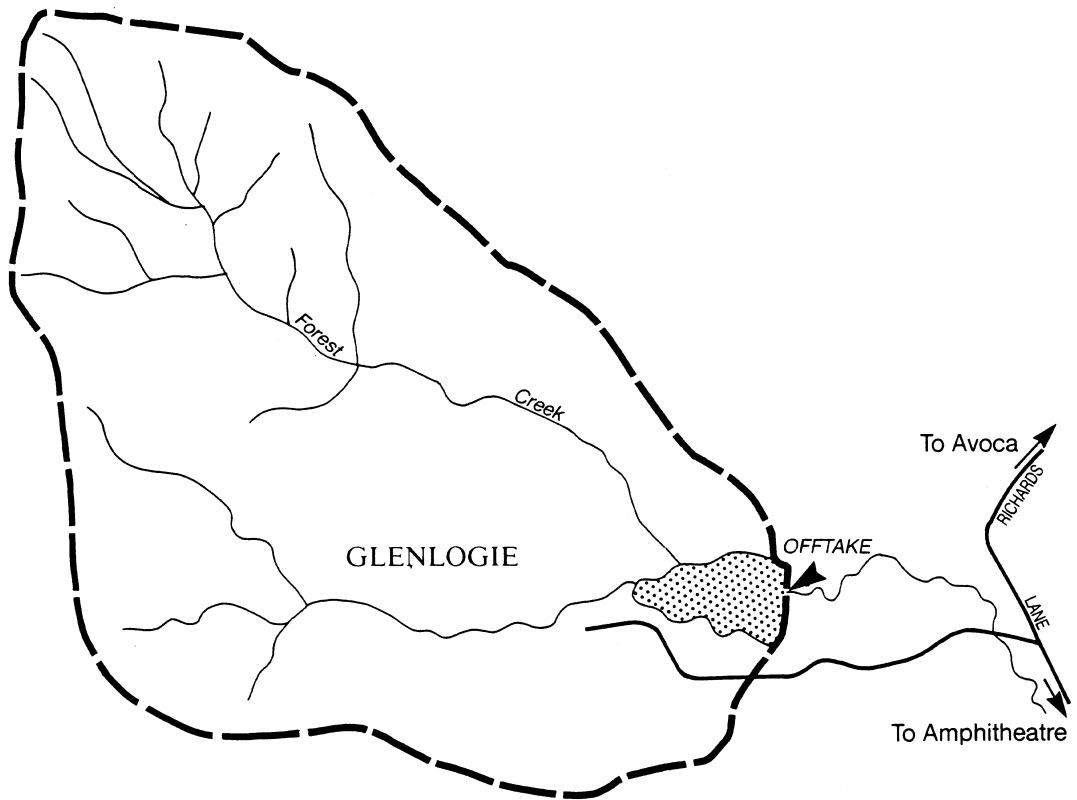
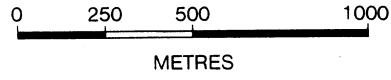
### ***Water Supply System***

The township of Amphitheatre (population 150) is supplied from the storage (72 ML) of Forest Creek via a gravity feed pipeline. The water is highly coloured, seasonally turbid and displays high *E. coli* counts. Supply is not treated. Domestic supply is supplemented by individual private rainwater tanks. The responsible water supply authority is the Lexton Water Board.

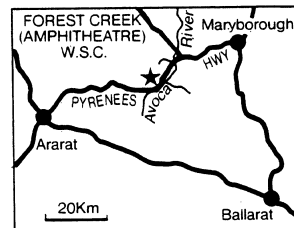
### ***Administrative Areas***

Parish	Glenlogie
Municipalities	Shires of Avoca and Lexton

**PLAN No. S-1508**  
**FOREST CREEK (AMPHITHEATRE)**  
**WATER SUPPLY CATCHMENT**



—— Catchment boundary  
GLENLOGIE Parish name



LOCALITY PLAN

## **REDBANK CREEK (REDBANK) WATER SUPPLY CATCHMENT**

Redbank Reservoir is located on Redbank Creek a tributary of Cherry Tree Creek within the Avoca River basis, south-west of the township of Redbank. The reservoir has a catchment of 336 ha upstream of the wall which is located on a reserve within State Forest and within the Parish of Redbank. The general locality is North Central Victoria.

### ***The Catchment***

The catchment is dominated by Cambrian to Lower Ordovician sediments which take the form of moderately steep dissected hills. The predominant soils are shallow, stony red gradational and yellow gradational types. The vegetation is typically composed of a yellow box woodland on the ridge tops which grades to a mixed species dry sclerophyll associated including: red box, yellow box, grey box, long-leaf box and red stringy bark with blue gum and manna gum occurring on the moister, more sheltered sites. The understorey is composed of low grasses and acacias.

### ***Elevation/Rainfall***

Redbank	259 m	585 m
Moonambel	272 m	607 m

### ***Land Use and Tenure***

The catchment occurs completely within public land (U1) with a small fenced reserve around the reservoir. The major uses of the land include; grazing, apiculture; firewood harvesting, recreational activities and water production (D5).

The Land Conservation Council (LCC) recommendations for the use of public land within the catchment are contained in "Final Recommendations, North Central Study Area, 1981", LCC. Recommendations appear in brackets.

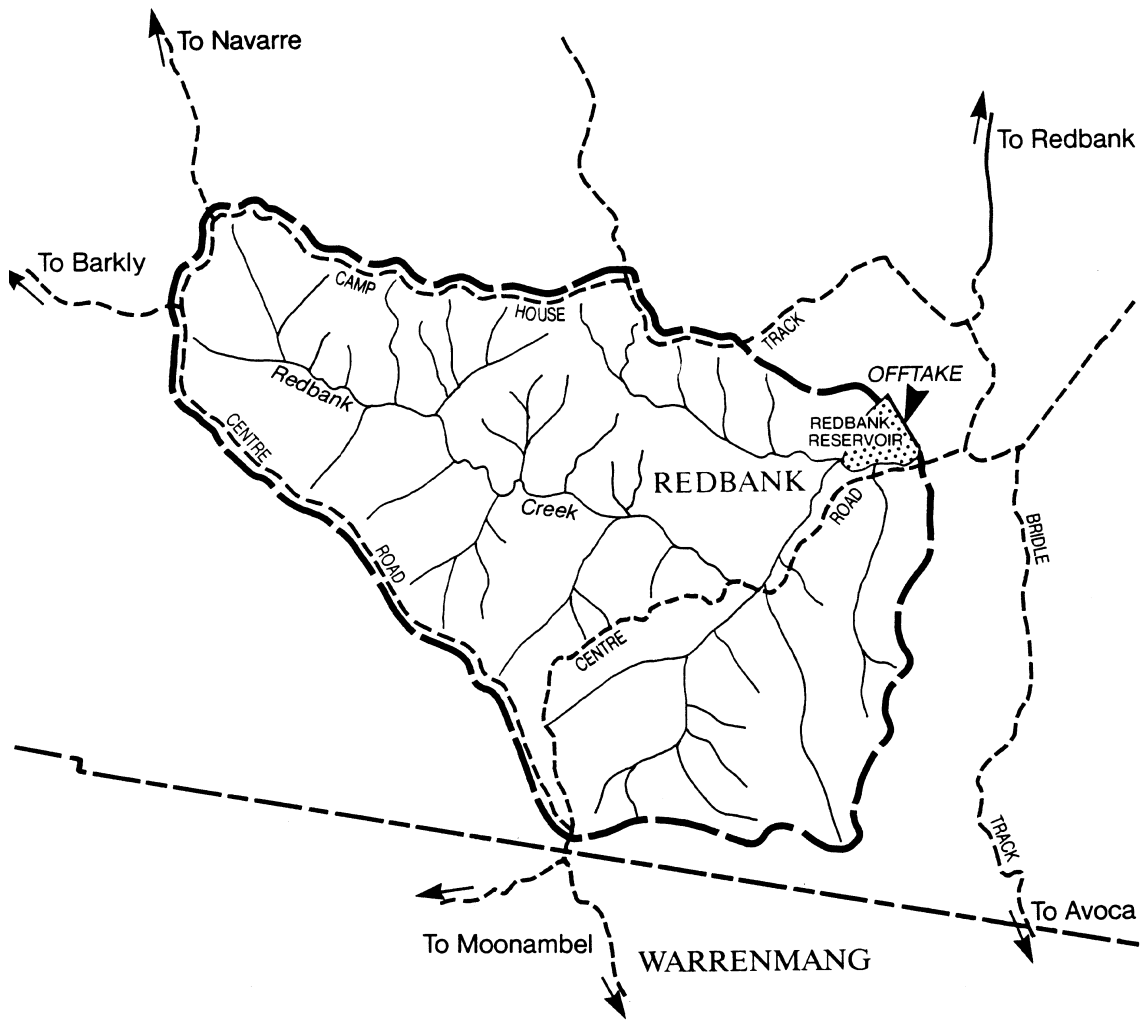
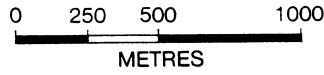
### ***Water Supply System***

Although the township of Redbank (population 150) relies heavily on individual rainwater tanks for its primary drinking water, supply from the catchment is used for domestic purposes. A gravity feed pipeline delivers supply from the reservoir (132ML) to Redbank. The water is highly coloured and seasonally turbid and displays very high bacteriological counts. The supply is not treated. The responsible water supply authority is the Shire of Avoca.

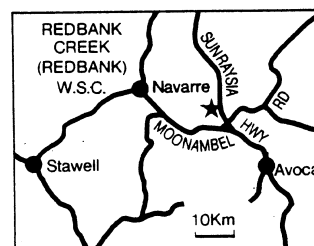
### ***Administrative Areas***

Parish	Redbank
Municipality	Shire of Avoca

**PLAN No. S-1507**  
**REDBANK CREEK (REDBANK)**  
**WATER SUPPLY CATCHMENT**



- N
- Catchment boundary
- Parish boundary
- REDBANK Parish name



LOCALITY PLAN

## **RECOMMENDATION**

That the Land Conservation Council, under section 5(1)(b) of the *Land Conservation Act, 1970*, recommend to the Governor-in-Council that the following catchments be proclaimed under section 22(1) of the *Soil Conservation and Land Utilization Act 1958*:

- Forest Creek (Amphitheatre) Water Supply Catchment, Plan No. S-150B.
- Redbank Creek (Redbank) Water Supply Catchment, Plan No. S-1507.