

Longwood and Chiltern Water Supply Catchments

A Proposal for Proclamation

Nine Mile Creek (Longwood)
Barambogie Creek (Chiltern)

Statement prepared for consideration by the Land Conservation Council

October 1989

Land Protection Division
Department of Conservation, Forests and Lands

NINE MILE CREEK (LONGWOOD) WATER SUPPLY CATCHMENT

The catchment, containing 400 ha is situated in North Eastern Victoria and feeds Nine Mile Creek, a stream draining the northern slopes of the Strathbogie Range in the Goulburn River Basin. An on-stream storage is located within CA 16, Section E of the Parish of Longwood.

The Catchment

The topography of the catchment is rolling to hilly granite plateaux. Soil development has led to red duplex and red gradational soils. The elevation of the catchment ranges between 360 m and 465 m. Native vegetation exists along the stream, drainage lines and rocky outcrops, typically this is composed of box/peppermint eucalypt associated with some acacias. Elsewhere the catchment supports improved pasture.

Rainfall/Elevation

Ruffy	511 m	746 mm
Creighton	260 m	860 mm

Land Tenure and Use

The catchment is contained completely within private land, the major use of this area is grazing (sheep and cattle).

Water Supply System

The on-stream storage (16 ML) delivers water via a gravity feed pipeline to a service basin (450 KL), before distribution to Longwood (population 300). Water from this catchment is turbid, strongly coloured and has high levels of *E. coli*.

The Goulburn Water Board is the responsible water supply authority.

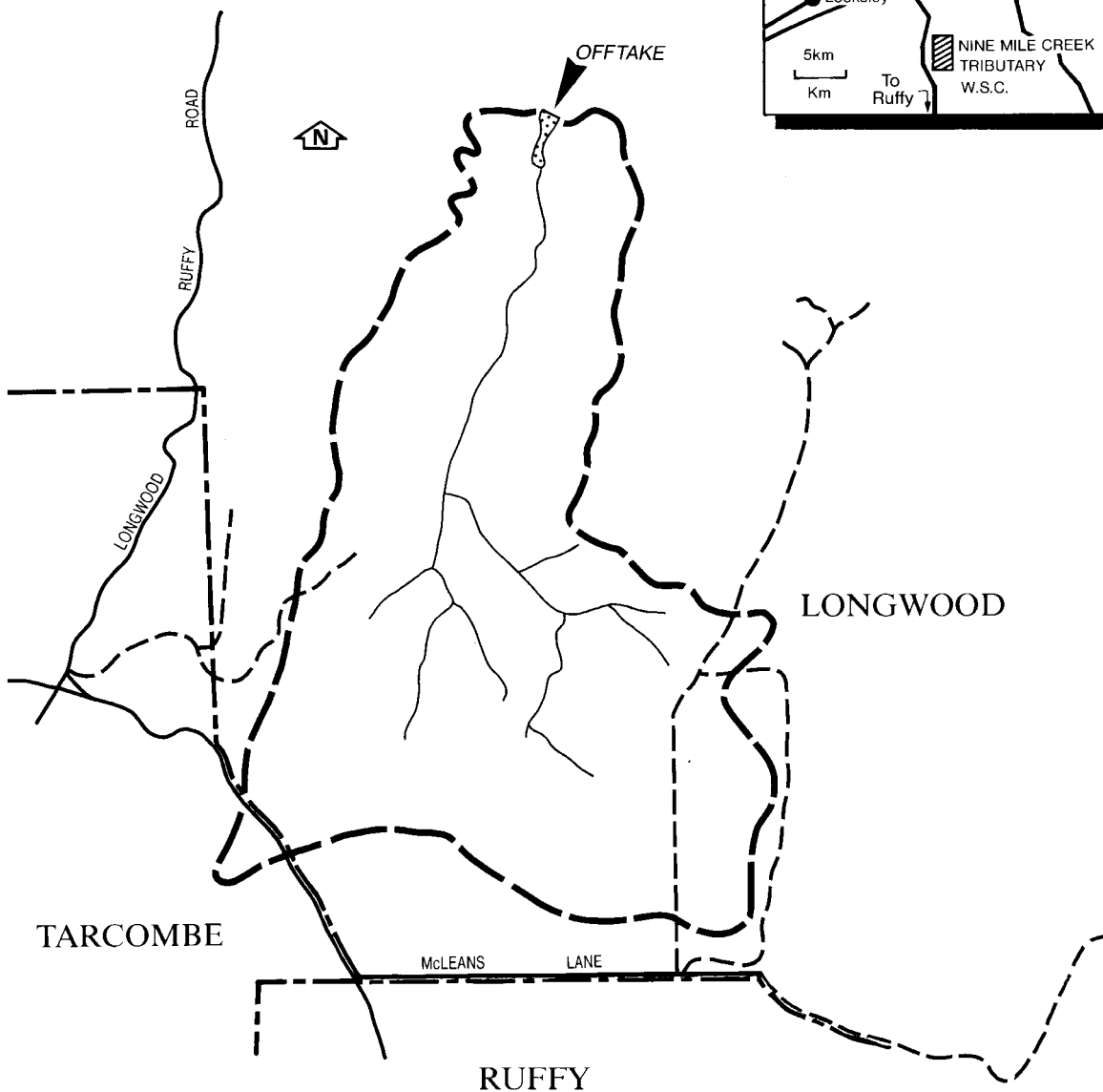
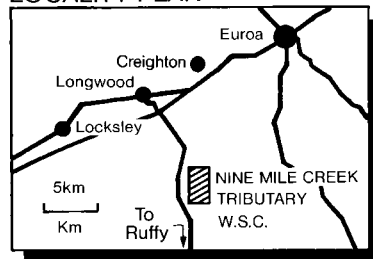
Administrative Areas

Parishes: Longwood, Tarcombe



Municipalities: Shire of Euora, Shire of Goulburn

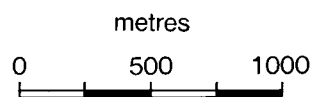
PLAN No. S-1497
NINE MILE CREEK (LONGWOOD)
WATER SUPPLY CATCHMENT

LOCALITY PLAN



LEGEND

-  Catchment boundary
-  Parish boundary
- LONGWOOD Parish name



G/6046

BARAMBOGIE CREEK (CHILTERN) WATER SUPPLY CATCHMENT

The catchment, containing 1050 ha, is located in North Eastern Victoria south of Chiltern and forms the headwaters for Barambogie Creek. The catchment extends upstream of a reservoir the wall of which is located adjacent to CA 10, Section 4 of the Parish of Barambogie.

The Catchment

The catchment topography is composed of low granite hills which tend to steeper, dissected slopes in the south. Elevations encountered range from 250 m at the reservoir to 496 m (Mount Barambogie) in the south. The soils include red/yellow duplex, red/yellow gradational and black clays. The vegetation consists of a box/peppermint dry sclerophyll eucalypt forest associated with Black Cypress pine, and grassy understorey.

Elevation/Rainfall

Chiltern	211 m	688 mm
Beechworth	549 m	931 mm

Land Tenure and Use

The catchment contains both public (75%) and private (25%) land. Public land is predominantly State Forest (E1) but also includes the smaller reserve (F1), and the water offtakes (D12) and D13). There is a past history of grazing and gravel extraction from the catchment. Grazing has been discontinued while the extraction sites have been rehabilitated and little evidence of these activities is now apparent.

The major use of private land is grazing (sheep and cattle).

The Land Conservation Council (LCC) recommendations for the area are contained in "North Eastern Area (Benalla-Upper Murray) Final Recommendations Review, 1986, LCC". LCC recommendations appear in brackets above.

Water Supply System

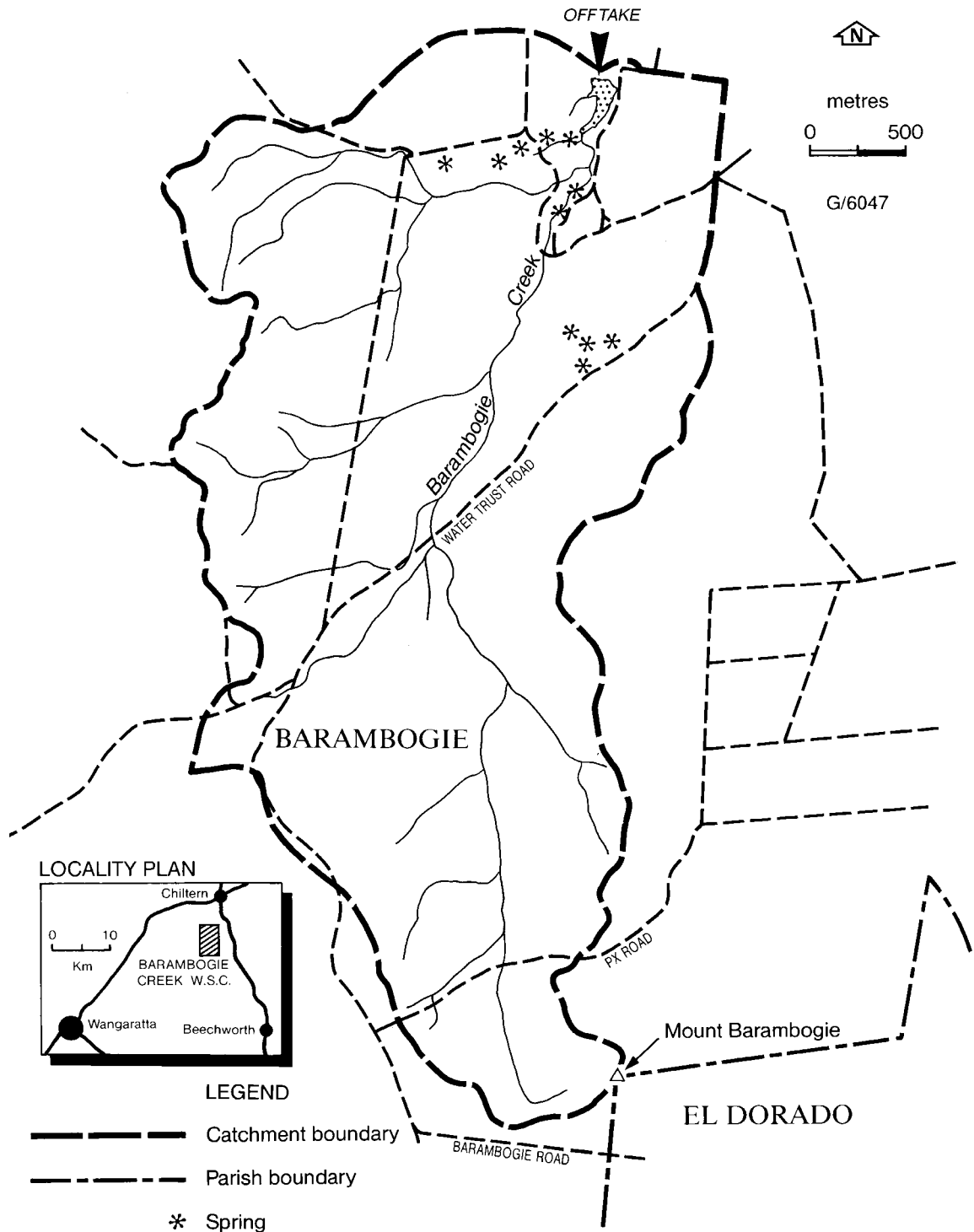
Chiltern (population 1000) receives water, via a gravity feed pipeline, directly from naturally occurring springs in the north of the catchment, the recharge area for these springs corresponds very closely with the surface catchment for Barambogie Creek. This surface catchment feeds Barambogie reservoir (45.5 ML) which at present is not utilised. Proposals for this system are for the surface catchment to be diverted around the reservoir which will receive only the reticulated water from the numerous springs currently being developed for domestic supply to Chiltern. Stream diversion works have already commenced. Supply may be augmented by the surface catchment in the future.

Water from the surface is highly turbid, coloured and frequently displays very high *E.coli* levels. The spring water is of better quality although prone to some variation. The Chiltern Water Board is the responsible water supply authority.

Administrative Areas

Parish:	Barambogie
Municipality:	Shire of Chiltern

PLAN No. S-1498
BARAMBOGIE CREEK (CHILTERN)
WATER SUPPLY CATCHMENT



BARAMBOGIE Parish name

Recommendation

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

- Nine Mile Creek (Longwood) Water Supply Catchment, Plan No. S-1497
- Barambogie Creek (Chiltern) Water Supply Catchment, Plan No. S-1498.