

Reference: SCFY8-07

14 June 2024

**Attn: Rohan Johnston
Junee Shire Council
29 Belmore Street
Junee NSW 2663**

Sent via email: rohan.johnston@junee.nsw.gov.au

Dear Rohan,

Re: Proposed Development – Lot 1/15/10919 - 192 Waterworks Road, Junee

In response to Junee Council's Planning Proposal 2024.01, to amend the Junee Local Environmental Plan (LEP) 2012, Goldenfields Water provides the following advice on supply of reticulated potable water to proposed development.

The amendment requested is to Lot 1, Section 15, DP10919, known as 192 Waterworks Road, Junee, in which the applicant seeks to rezone the site from the current RU1 (Primary Production) to RU5 (Village) and R5 (Large Lot Residential) and seek a reduction in the current Minimum Lot Size from 100ha down to as low as 700sqm. The proposal also includes a preliminary subdivision layout with an expected yield of up to 300 residential allotments.

Goldenfields Water is currently able to supply the proposed development at levels below 350m AHD. To facilitate supply above this level, additional infrastructure is required such as a reservoir located at sufficient elevation to provide 12m of pressure at the meter. There is potential for this reservoir to be located on the development site. This has been discussed with the current landowner/developer who is willing to accommodate the infrastructure.

The proposed development entails an additional 250-300 lots. Goldenfields Water can confirm that there is suitable capacity within the supply scheme to supply the additional demand. The following is taken from Goldenfields Water's IWCM Issues Paper showing the predicted growth for major towns in its supply area. These growth figures have been used in the hydraulic modelling report to determine infrastructure upgrades required to provide for the predicted growth. An additional 320 dwellings have been predicted over the following 10 year horizon within Junee.

Population and Demographic Projections

Each LGA where the GWCC's serviced area spanned was contacted for their nominated growth projections for towns and villages within their boundaries. Population and dwelling growth was assumed to only occur in a handful of major towns; Temora, Junee, West Wyalong, Coolamon, and Ganmain. The 30-year projections are shown in Table S1.

Table S1: Projected dwellings in GWCC major towns

Town	2018	2023	2028	2033	2038	2043	2048
West Wyalong	1,410	1,560	1,510	1,510	1,520	1,520	1,520
Coolamon	710	730	760	790	820	850	880
Ganmain	260	270	280	290	300	310	320
Junee	1,540	1,680	1,840	2,000	2,180	2,360	2,550
Temora	1,840	1,900	1,960	2,020	2,080	2,140	2,190

Goldenfields Water are currently undertaking infrastructure upgrades to increase the capacity and supply flow rates of the system. This includes the current construction of the replacement and increased capacity of the reservoirs and aeration system located at Oura water treatment plant which supplies the Junee area. This next stage of upgrading the pumping capacity to meet future 2048 demand is well underway with the pumps and motors already purchased and being manufactured and the tender for the construction of the pump station building and dosing facilities currently out for tender. These works are due to be completed in the following 18 months.

Please feel free to contact me should you require any further information.

Yours faithfully



Sammy Jung
Engineering Manager