

.....**PRIORITY INFRASTRUCTURE PROJECT**.....

## **Proposed Water Supply to the Dog on the Tuckerbox**

Cootamundra–Gundagai Regional Council (CGRC), did a preliminary investigation into the feasibility and costs of supplying the Dog on the Tuckerbox (DOTB) with potable water.

The DOTB is located on the Hume Highway and is a national tourism attraction for thousands of visitors each day. The facilities are currently serviced with an old non- potable water supply system, with its inherent risks to public health. A Potable Water supply is available through the extension of the Gundagai township reticulation system.

GCRC is in the design phase of a \$1.5M investment to re-develop the building infrastructure on the historic DOTB site, including provision for a new regional tourism facility and public toilets. The supply of a potable water system will ensure that these new facilities are serviced to an acceptable modern standard. The water system will also ensure that other facilities and houses in the vicinity, including the service centres, have access to a reliable and healthy drinking water supply. Partner funding for the water supply component will ensure the viability of the redevelopment project.

The water system was designed using average daily demands, and a total peak flow of 0.8l/s was calculated. The system requires 5.1km of 100mm PVC main, delivered under pressure by a pump. The route runs in an existing reserve parallel to the Hume Highway, until it will be under-bored in the vicinity of the site and its eventual termination point.

The Construction Estimate was based on NSW Reference Rates:

5.1km x 100mm PVC Pipe x \$100/m	\$510,000
Pressure Pump	\$50,000
<b>Total</b>	<b>\$560,000</b>



PREPARED BY: COOTAMUNDRA - GUNDAGAI REGIONAL COUNCIL REGIONAL COUNCIL ENGINEERING DEPARTMENT	COOTAMUNDRA - GUNDAGAI REGIONAL COUNCIL <b>Proposed Dog on the Tuckerbox Potable Water Supply Scheme</b>		JOB No. 101793	DRAWING TOPOGRAPHIC MAP	PRINTED DATE 13/09/2016	SHEET NO <b>TP- 1/1</b>
	DESIGNED:..... TUL SHI..... REVIEWED:.....		Expected Project Start Date : ...../...../2016 Project Duration : ..... Allocated Budget : .....			