

Project Background

Investigations are well underway to build a pipeline that will improve water security for Raywood and Sebastian urban customers.

The pipeline will link the Sebastian and Raywood townships to the Bendigo water supply system. The pipeline will be approximately 23 kilometres.

Pictured: Existing Sebastian tank site



Water supply history

Historically, the Raywood and Sebastian townships were supplied water via the Cockatoo Hill channel system.

The Cockatoo Hill channel system comprises of four channels; the Cockatoo Hill channel, the Neilborough channel, the Raywood channel and the Sebastian channel. Two reservoirs are a part of this system, Cockatoo Hill reservoir and a smaller reservoir; Blue Jacket reservoir.

With prevailing dry conditions over the years, this water supply system had become unreliable in terms of meeting the demands of the two towns. In 2007 we began carting water on a daily basis to the Raywood Water Treatment Plant and the Sebastian tank site to ensure water demands could be met with acceptable reliability.

Carted water is delivered to the existing tanks at the Raywood Water Treatment Plant, where it is re-disinfected prior to use within the Raywood reticulation system.

The Sebastian town water supply was a non-potable supply until mid-2009, when we received approval to upgrade the supply status to “potable” after completing works to install a temporary disinfection system. As with the Raywood system, carted water is re-disinfected prior to being discharged into the Sebastian reticulation system.

The new pipeline will see the partial decommissioning of the Raywood Water Treatment Plant; the existing tanks will continue to be utilised as will the disinfection system.

The pipeline will deliver water to the existing tank site in Sebastian while we continue to investigate various tank site options in order to finalise the preferred location.

Pictured: The Cockatoo Hill rural channel system



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