

# Trentham

UPDATE ON WORKS AND PROJECTS IN YOUR AREA

FEBRUARY 2018

In September last year we held a Community Water Forum in Trentham. Around 20 residents attended as well as Mary-Anne Thomas, the State Member for Macedon, and representatives from Hepburn Shire Council. The forum covered a range of topics and gave community members an opportunity to air their views.

At the forum we made a commitment to continue discussions and keep the community informed. This update covers many of the topics discussed in the forum and our other projects and works planned for Trentham.

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*Above: Manager Regional Liveability Steve Healy presenting on our Urban Water Strategy*

## Urban Water Strategy next steps

At the forum we presented on our Urban Water Strategy, our 50-year plan to secure water for future generations.

We are currently developing detailed plans for each of our nine water supply systems, starting with the Trentham system.

We're seeking participants from Hepburn Shire, the Trentham Community Forum and the Trentham Sustainability Group to help us identify local recreational assets and amenities to be maintained when water restrictions are in place.

## Groundwater bore project

This month we will commence an exploration project to identify additional groundwater resources for the Trentham township.

Trentham is one of the fastest growing areas in our region so it is important we continue to plan for the future and identify additional water resources.

The town is currently supplied by a natural spring and the Trentham groundwater system.

Groundwater is managed by Goulburn-Murray Water and we have a license to extract 48 megalitres a year. We are currently extracting 32 megalitres a year so we have the capacity to draw an additional 14 megalitres.

Stage 1 of the project involves installing a monitoring bore within our Trentham Water Treatment Plant and Stage 2 focusses on exploring additional groundwater reserves within the Trentham area. Stage 2 works will commence in mid-March and are expected to be completed in May 2018. Residents affected by the works will be notified prior to the works commencing.



*Above: camera inspection of a groundwater bore*

**Trentham Water Treatment Plant upgrade**

We are upgrading the filtration system at our Trentham Water Treatment Plant to increase its capacity and cater for increased demand.

During the recent period of extreme hot weather from Thursday 18 January to Saturday 20 January, our Trentham plant experienced high demand and was running at full capacity.

Our plant has the capacity to treat 0.7 megalitres of water per day. The average daily usage for Trentham is 0.32 megalitres. On Friday 19 January, daily usage peaked at 0.69 megalitres. To ensure we could meet the peak demand period

between 6pm and 10pm we supplemented our supply with water tankered from Kyneton. Around 0.25 megalitres were delivered over the three days.

The upgrade project at the plant involves replacing the existing filtration modules with more efficient modules. The new modules use less water in the backwash process, so the output is increased. An assessment of the plant's capacity will be undertaken to identify other necessary works.

The works are expected to commence by the end of May and be completed in July 2018. There will be no interruption to service during the works.



Above: water main renewal works in High Street

**High Street water main renewal works**

In September 2017, we started works to renew 260 metres of water main in High Street, between Cosmo Road and Blue Mount Road.

The water main had a history of leaks and was identified for renewal.

Works were expected to finish in December but were delayed after our contractor encountered hard basalt rock. This meant small sections of the main had to be constructed using open trenches rather than directional boring. The construction works on the main have been completed and reinstatement works will be completed this month.

The renewal of water mains across our region is an integral part of our operations to ensure we maintain and deliver services to customers. Last year we renewed around 2.5 kilometres of water mains across 15 sites at a cost of \$480,000.

**Leak detection in our network**

We carried out routine leak detection works on the Trentham water supply network in January 2018 using acoustic technology.

Fourteen points of leakage were identified, five on our network and nine on customer pipes.

We are in the process of rectifying leaks on our network and notifying the affected customers.



Above: acoustic technology used for leak detection

**Digital meters coming soon**

We will be rolling out our digital meters program to Trentham in March. Digital meters record water consumption and transmit the data for billing and data analysis. They will help us identify leaks faster, saving water and money. Further information has been sent to customers with this update.



Above: a digital meter

**Contact us**

We welcome your questions and feedback. Simply email us at [communications@coliban.com.au](mailto:communications@coliban.com.au) or call our Customer Support Team on 1300 363 200.

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