

Celebrating World Water Day 2023!

To coincide with World Water Day on the 22nd of March, Goldenfields Water created activity packs and distributed them to all Primary Schools within our service area.

The activity packs were aimed at increasing the children's awareness about access to clean water and utilising 'water wise tips' around school and at home.

The activities catered for students in Kindergarten, right through to Year 6 and included:

- A Water Wise Story Book
- Colouring in sheets
- A Water Wise Find-A-Word
- A series of school-based activities – such as 'become a leak detective' and a simple in class water filtration experiment
- Water Wise Memory Cards

A special mention to the students in K/1/2 at St Brendan's Primary School in Ganmain who also created a water wise song to help celebrate World Water Day 2023!

Goldenfields Water Student Engineer named a NSW finalist!



In 2022, Goldenfields Water's Engineering Student Anne Leven-Marcon undertook an investigation at the Jugiong Water Treatment Plant. This investigation involved:

- the design and construction of a mobile pilot water treatment plant
- A series of pilot scale trials to investigate an alternative water filter media product, for the future replacement of the existing media materials used at the Jugiong Plant.

The project specifically looked at an alternate media product called *Filtralite*, a Norwegian made product that has previously shown significant benefits through operational efficiencies in overseas case studies.

Currently, the Jugiong Water Treatment Plant uses a mono-sand media arrangement; however, this existing product is nearing its end of life and due to the increasing stringency of drinking water quality standards and rising projected demands for water in our regional areas, this investigation was formed.

All water treatment plants within Australia use different media arrangements and types in their water treatment process, as it forms one of the many stages in surface water treatment. The most common types of media used in Australia include anthracite and quartz sand media, with an option of a coal layer as part of a dual media application.

At the completion of the investigation, Anne identified that out of the three different media's tested in our pilot lab, Filtralite displayed significant advantages and if implemented, operational savings of up to 70% could be achieved.

In late 2022, Anne's project was submitted in the Australian Water Awards and in March 2023, Goldenfields Water were very excited to receive the news that Anne's project had been named as one of the NSW Water Awards finalists.

Well done Anne and to all GWCC staff involved!

Capital Works Update

Capital works represents a significant portion of Councils activities and expenditure for the 2022/2023 financial year, with several multimillion-dollar projects progressing on track.

- The Oura High Voltage Building has recently been commissioned.
- The Oura Water Treatment Plant Upgrade has commenced, with tenders for stage 1 recently been awarded. The upgrade will be completed in three stages and will include a new pump station, two reservoirs, a new dosing building and two new pipelines.
- The West Wyalong Water Reliability Project continues to maintain schedule. Preparations are underway for the next reservoir wall pour. Currently the reservoir stands at just over 20 metres tall, on completion the reservoir will stand 26 metres in height. Contractors responsible for the new pipework in the township are also maintaining schedule. They will commence construction near Main St from mid-April until July 2023.
- The Urban Construction Team have commenced major replacements of various aged assets in Marrar. These replacements include water mains, stop valves, services and hydrants. These works are expected to be ongoing until mid – late June.
- The Thanowring Road upgrade is progressing well and on schedule. Approximately 17 kilometres (out of 40 kilometres) of new pipeline has been laid. In the coming weeks, GWCC staff will begin switching customers located on the first 12 kilometres of the Thanowring Road from the old pipeline to the new pipeline.
- Temora's 'Dustin Rose Estate' mains extension is due to be completed by the end of April, weather permitting.



Out and about at local Community Events

It's great to see local community groups and members utilising our marquees and portable water stations at their events.

Pictured above are our marquees at the Annual Shirley Tulk Swimming Carnival, hosted by the Coolamon Swimming Club.




Goldenfields Water offers three different sized marquees and several water bottle refill and drinking stations to any community group or event that is located within our service area, free of charge.

To book any of these items, simply email communityengagement@gwcc.nsw.gov.au with details of your event and requested items for hire.

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