

Drinking water

Council provides drinking water to communities within Mudgee, Gulgong, Rylstone, Kandos, Charbon and Clandulla. Council complies with its own Drinking Water Management System (DWMS), meeting the requirements of the Public Health Act 2010 and its regulations, and the Australian Drinking Water Guidelines.

OVERVIEW

Council is committed to providing its residents with safe, secure, reliable and high quality drinking water. To ensure this, Council's Drinking Water Management System requires a range of quality, safety and aesthetic tests be regularly undertaken from the point of collection to the household tap.

WATER MONITORING

A comprehensive monitoring program from catchment to tap has been developed in consultation with NSW Health, testing over 35 characteristics including turbidity, colour, micro-organisms and chemicals.

Samples are analysed on site and at accredited laboratory service providers including the NSW Forensic and Analytical Science Service. Monitoring occurs online, daily, weekly, monthly and annually (depending on criticality).

Samples are taken from Rylstone Dam, Cudgegong River, Burrundulla Bores, at the three water filtration plants, and from 38 locations through our water distribution systems.

WHAT IS THE AUSTRALIAN DRINKING WATER GUIDELINES?

- An authoritative reference on what defines safe, good quality water, how it can be achieved and how it can be assured
- A nationally accepted framework for good management of drinking water supplies based on the best available scientific evidence
- Designed to assure fit for purpose drinking water at its point of use
- Cover safety and aesthetic quality of drinking water through a range of values

COUNCIL'S REPORT CARD

Health results

100% compliance with ADWG achieved.



Aesthetic results

100% compliance with ADWG achieved for Mudgee and Rylstone, and 98% for Gulgong.



Events and improvements



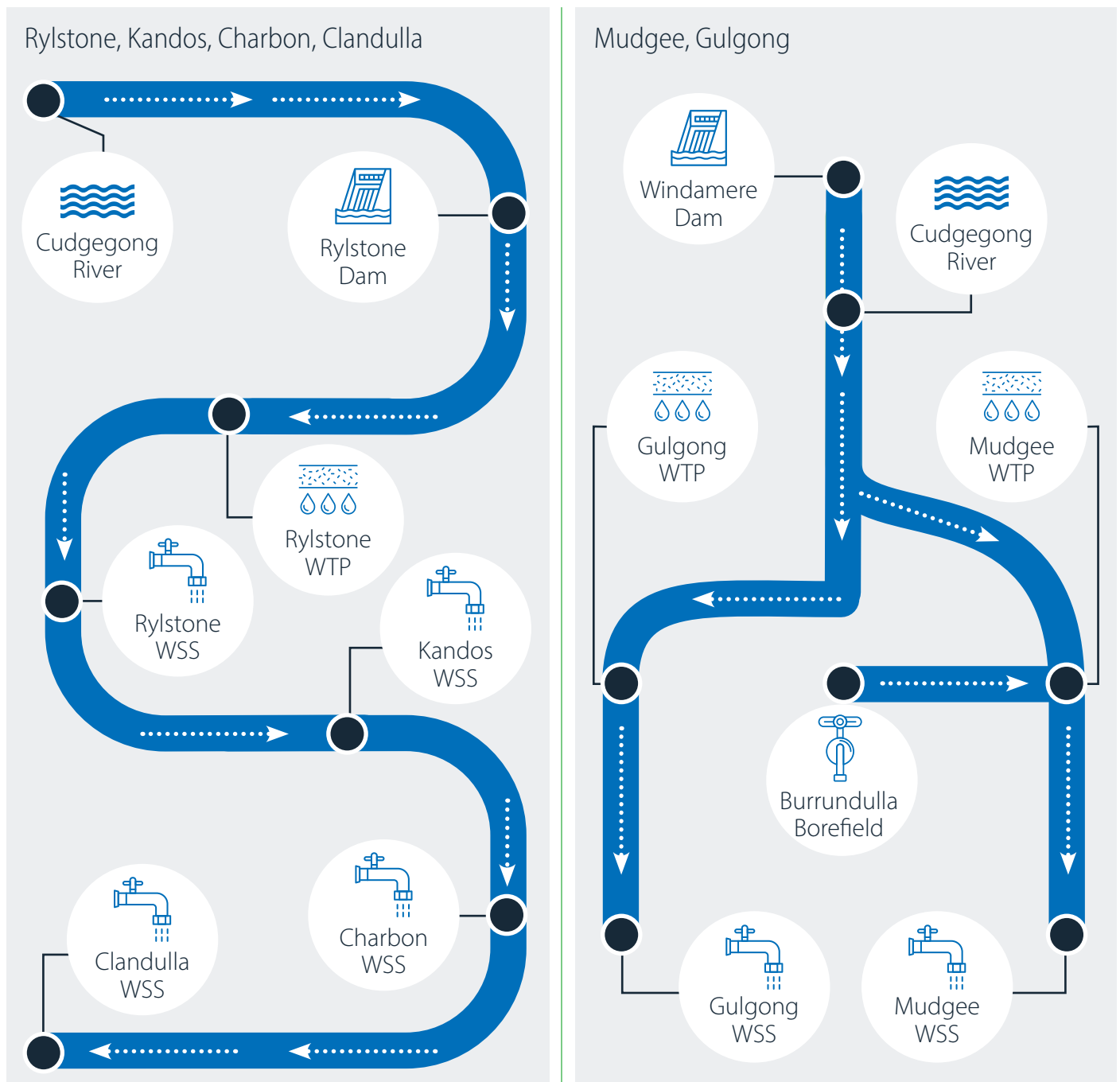
- There was a cluster of discolored water complaints in Kandos during mid-November. This incident was associated with construction works
- Unlined cast iron mains in Gulgong are causing occasional clarity issues. Replacement of mains is progressing with around 13km replaced to date. Planning is under way to replace 1.4km of mains in 2024
- Upgrade of the raw water pump station in Mudgee has been completed. This will allow for increased pumping capacity to the Mudgee Water Treatment Plant in order to cater for predicted population increase.

NSW Health Fluoride



Mudgee did not achieve NSW Health target value for Fluoride during 2023. Mudgee fluoride delivery system failed and is currently not operational due to unacceptable WHS risk to Operators. Scope, concept design and technical specifications for a new system have been completed and received in January 2024. Council will now seek NSW Health and DCCEEW approvals to proceed to construction. Gulgong and Rylstone fluoride delivery systems are operational.

MID-WESTERN REGION WATER SUPPLY SYSTEMS FLOWCHART



WSS = Water Supply System; WTP = Water Treatment Plant

= Source;
 = Collection;
 = Treatment;
 = Distribution

FOR MORE INFORMATION

Visit Council's website midwestern.nsw.gov.au
 Council's Water and Sewer Team are available to assist on 6378 2850 or at council@midwestern.nsw.gov.au

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