

PLANNING YOUR WATER FUTURE



WATER FOR A GROWING LOGAN

We're planning for your water future.
Because we can't always count on the rain.

The plan might look different depending on where you live in
South East Queensland.

We might have differences but we are one region, and
Seqwater is planning for a reliable and sustainable water
supply for all South East Queenslanders.



LOGAN WATER

Logan sources 85% of its water supply from Wivenhoe and Somerset dams. Water from these dams is treated at the Mt Crosby water treatment plants near Ipswich and then pumped to the Logan region.

The other 15% comes from dams in the Redlands and Gold Coast regions via the South East Queensland Water Grid (SEQ Water Grid).

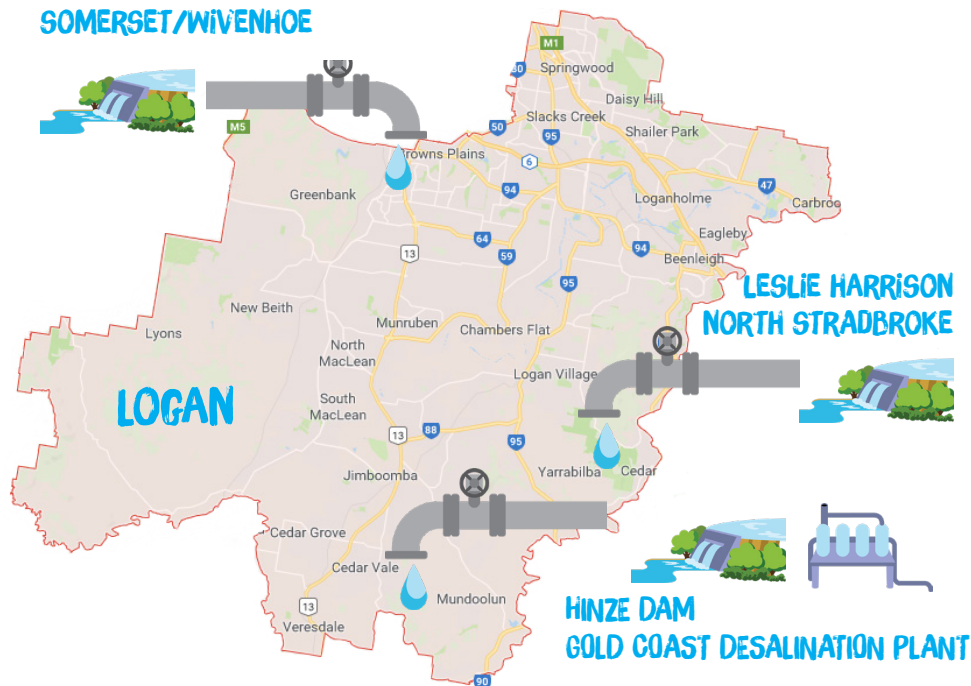
Logan City is in the fortunate position that it has access to climate-resilient sources of water including desalination and recycled water from our advanced water treatment plants.

The southern part of South East Queensland, including the Logan City Council area, is experiencing rapid growth, particularly around Flagstone, Yarrabilba and the Mount Lindesay Corridor including Park Ridge.

While Seqwater can meet demand for the current population, we'll need to provide an extra 200,000 megalitres of water in the next 30 years.

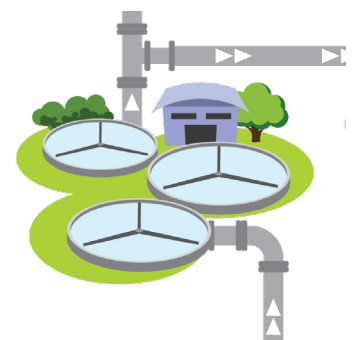
A new water treatment plant will be built adjacent to the Cedar Grove Weir, with water supplied from Wyaralong Dam and Logan River. This plant can also treat water from Bromelton Off-Stream Storage and Maroon Dam.

SOMERSET/WIVENHOE



This treatment plant will provide more options for us to source water for Logan and increase the level of water security and resilience to drought.

The new water treatment plant will give Logan access to four possible sources as water, as well as the climate-resilient sources of desalination and recycled water.



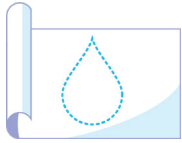
BY 2028, THE POPULATION OF SOUTH EAST QUEENSLAND IS PREDICTED TO GROW BY **MORE THAN 750,000 PEOPLE.**

AVERAGE DAILY RESIDENTIAL WATER USE IN CENTRAL SEQ IS **165L PER PERSON.***



**average daily residential use between 10 March 2017 and 9 March 2018*

WATER IN THE FUTURE



OUR PLAN

The Water Security Program is Seqwater's plan to provide South East Queensland with drinking water over the next 30 years. This includes planning for extreme weather — both flood and drought.



POPULATION AND WATER USAGE IS GROWING

Currently South East Queensland uses around 300,000 million litres a year. By 2046, with our increasing population, the forecast medium demand is around 525,000 million litres a year. With all SEQ Water Grid assets available and operating (including the Western Corridor Recycled Water Scheme), our region's bulk water system can supply about 440,000 million litres a year.



NEW WATER SOURCES NEEDED

Building the Wyaralong Water Treatment Plant and connecting Wyaralong Dam to the SEQ Water Grid will improve water security for Logan. Logan already has full access to the Grid and can be supplied water from multiple dams and climate resilient water sources. Additional sources required for this region beyond 2046 will be considered in the next Water Security Program, due in 2022.

WHAT WE'RE DOING NOW



BEAUDESERT WATER SUPPLY ZONE UPGRADE

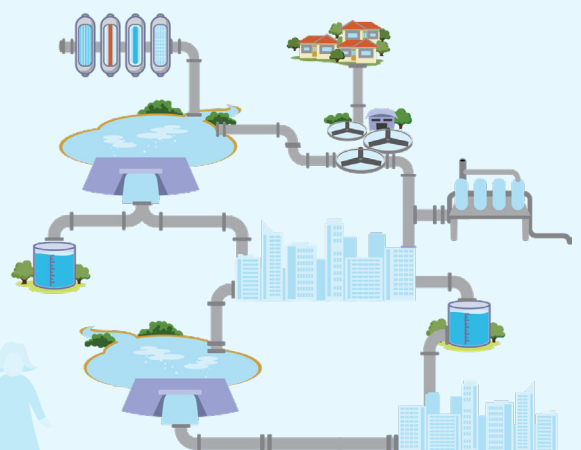
The Beaudesert Water Supply Upgrade includes three major elements:

- Immediate improvements to the Beaudesert Water Treatment Plant, including the building of two new storage reservoirs.
- 24km of bulk water pipeline connecting Beaudesert to the SEQ Water Grid.
- Bringing forward the new Wyaralong Water Treatment Plant drawing water from the Logan River and Wyaralong Dam.

The 24km bulk water pipeline will connect the Beaudesert Water Treatment Plant storage reservoirs to the new Wyaralong Water Treatment Plant site.

An additional 3km bulk water pipeline will connect the Wyaralong Water Treatment Plant site to the Flagstone development area and the SEQ Water Grid.

The Wyaralong Water Treatment Plant will be an additional source to provide drinking water to growing communities in Beaudesert and southern Logan areas, including Flagstone and Yarrabilba.



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WATER WISE TIPS

Water is a precious resource and South East Queenslanders are encouraged to be water efficient all the time.

Water outside before 10am and after 4pm

If you water in the heat of the day, you can lose up to 50% of the water to evaporation.

Check for leaks

You can lose thousands of litres of water a day without even knowing it due to underground leaks. Use your water meter to check for leaks at home and in your irrigation system.

Use a good mulch

A good mulch will help your plants retain water through the scorching summer days and reduce weeds that compete for water.

Use your pool cover

Pool covers reduce evaporation by about 90%.

Check how much water you use

Do you really know how much water you use? Use a water audit tool to calculate what appliances are your water guzzlers, where you're using a lot of water and opportunities to make savings. There is one on the Seqwater website seqwater.com.au

Turn off the tap

Half filling the sink instead of leaving the tap running to wash fruit and vegetables, turning off the tap when brushing your teeth and taking shorter showers are all simple ways you can save water inside your home.



DROUGHT RESPONSE PLAN

We have introduced a drought readiness phase to better prepare the region for the prospect of drought. Drought response actions are linked to the combined volumes of our region's water storages.



Drought readiness messaging will start when storage levels reach 70%. Voluntary water conservation will commence at 60%, as will full production at the desalination plant. We'll also re-start our recycled water treatment plants. Mandatory water restrictions will commence at 50%.

FOR MORE INFORMATION

More information is available at our Realities of Rain hub at

<https://yourseqwater.com.au/realities-of-rain>

You can also subscribe to our email newsletter to stay up to date with news and events.

Contact us

Email: communications@seqwater.com.au

Phone: 1800 771 497