

Aura and Harmony Program Construction Update



November 2024



Celebrating the Bellflower Road tree replanting are (L-R) Mandy Napier – Manager of Bellflower Retirement Resort, Allan Smith – Unitywater’s Senior Project Engineer and Andrew Parker – Program Manager for McConnell Dowell.

Restoration in Action: Replanting Trees on Bellflower Road

Some of the Aura and Harmony Program team recently joined with Sunshine Coast Council and the Bellflower Retirement Resort to celebrate the replanting of 80 native Ivory Curl trees along Bellflower Road, Sippy Downs.

The replanting comes after the installation of a new water pipeline that will assist in meeting the Sunshine Coast’s growing population demands, including the 21,000 residents who will live in Harmony by 2036.

The success of the project so far wouldn’t be possible without the patience and understanding of the local community along this road, including the residents of Bellflower Retirement Resort and surrounds.

Thank you to the residents and road/pathway users for your patience while restoration activities along this pipeline alignment are completed.

For more information about the **Harmony Water Project**, go to:

www.communityhub.unitywater.com/harmony-water



For construction enquiries:

Call: 0492 481 235

Email: A&Hcommunity@mcdgroup.com

Find out more at: unitywater.com/aura-harmony



Tanawha Reservoir is on time and on budget to supply safe and reliable water to the growing Harmony community (in the background).

Mega reservoirs at Aura and Harmony take shape

Have you seen the Stonehenge-like structure emerging from the ground next to the Bruce Highway near Aura?

It's our brand-new 12 megalitre water reservoir, part of the Aura Water Project, which will supply fresh water to the growing Aura community which is expected to reach 50,000 residents by 2050.

With most of the 12 metre wall panels in place, the focus is now on constructing the wall "stitch joint" infills which tie the wall panels together.

Also taking shape further north is Harmony Water Project's 12 megalitre Tanawha Reservoir. This month the supporting framework for the roof was constructed with the roof columns, support brackets, rafters and purlins being installed. This allowed the placement of the final two wall panels in preparation for the "post-tensioning" of the reservoir walls.

These impressive structures are both on track for completion by early 2025.



New Aura water reservoir takes shape on the western side of the Bruce Highway, across the road from the Aura development.



Pacific Lutheran College Year 2 students took part in an Aura and Harmony Program information and artwork session with our project engineers. Can you guess the most used word by students on the day? You guessed it... pool!

Aura and Harmony making a social impact

You may have read in some of our previous articles about the meaningful work we are doing with the Compass Institute to make a positive impact in our local community.

The good news is that in addition to our work with Compass, we are supporting several other social enterprises as part of the Aura and Harmony Program. With numerous hours of our team's time donated in kind, we have also spent more than \$25,000 with social enterprises to date. This is an important factor of the program's success, and we will continue to grow this number as we complete our work.

Here's a little bit more about the social enterprises we are supporting:



GaWun Supplies has provided personal protective clothing for our principal contractor, McConnell Dowell's team members in the design of a local Kabi Kabi artist.

GaWun give one third of their profits back to Indigenous communities and not-for-profit Indigenous groups.



Endeavour Foundation has supplied our survey markers for the project which are an important tool in knowing exactly where our pipeline alignment is.

The team at Endeavour provide opportunities for supported living, learning and employment outcomes for people with disabilities on the Sunshine Coast and beyond.



Fruit2Work delivers fresh fruit, milk and pantry items to our team on a weekly basis.

Fruit2Work is an award-winning social enterprise which provides valuable employment opportunities for people with lived experience of the justice system. Supporting Fruit2Work has provided fantastic social outcomes as well as keeping our team healthy and well throughout the construction journey.



The Compass Institute has provided garden maintenance at our Meridan Plains site office and catering support for numerous events.

To say the Compass trainees are part of the family at the main Aura and Harmony Program site office is an understatement. They are part of the diverse fabric that makes up the team. With more than 620 manhours out on site to date, the Compass trainees have tended to the site garden, cared for the chickens, completed work experience in our teams and helped us cater for numerous events onsite. This is a partnership we are very proud of and the impact this has created is immeasurable.

Building for the future: new wastewater infrastructure for Aura

As the Aura Wastewater Project's pipeline installation nears completion, we're now focusing on reinstating areas which have been impacted during the delivery of this new essential infrastructure.

1. **The Bells Creek Arterial (BCA) shared user path reinstatement** continues to be a focus for our teams. The first stage is concrete footpath reinstatement and on completion, the bitumen will then be paved alongside the footpath for bike users. We're working hard to get the path reinstated to a high standard, and we're currently on track to have this reopened by the end of 2024.

Fun fact: The length of the shared user path reinstatement along the BCA is just over 1.7km – that's equivalent to the length of 34 x 50 metre Olympic-sized swimming pools!

We thank path users for their patience while the path has been closed and we're looking forward to welcoming the local community back to the shared user path soon.



Reinstatement of shared user pathway along the Bells Creek Arterial (BCA).

2. We're working on the finishing touches for our **new Aura wastewater pump station** including the final concrete pour for the site, painting of the on-site buildings and completing the electrical works.

Once the concrete footpaths are poured, landscaping activities and tree planting will follow.

We're working hard to get the pump station finished and ready for testing and commissioning in early 2025.



Aura Wastewater Project's new wastewater pump station with Aura development in the background.



Aerial view

Aura Wastewater Project's 15 metre deep wet well at the new pump station.

Pipedream almost complete

Far from blowing our own pipes, it's exciting to share the pipelines across all three projects are now more than 80% complete. Here's a snapshot:

Aura wastewater pipeline
91% complete

Aura water pipeline
61% complete

Harmony water pipeline
98% complete

Fascinating stats and facts



More than **360,000 program hours** that have been lost time injury (LTI) free



More than **\$4 million** spent with First Nations businesses



623 The Compass Institute trainee hours onsite



7% First Nations workforce



More than **\$100 million** spent with Queensland businesses



23% women in workforce