Aura and Harmony Program

WORKS NOTIFICATION



Aura Reservoir Bulk Earthworks and Construction Commencement

Unitywater provides essential water and wastewater services for the growing Sunshine Coast region. With a projected population of 50,000 residents in Aura by 2050 and 21,000 residents in Harmony by 2036, new water and wastewater infrastructure is essential to meet the future demands of the communities, ensuring their long-term sustainability and development.

Bulk earthworks at the Aura Reservoir and vegetation clearance along the proposed Aura Water Project pipeline have now commenced. Trenching and excavation of the physical pipeline alignment is not planned to commence until mid-2024.

What we're doing:
We will undertake excavation, earthworks, installation of drainage, widening and levelling of the current entry/exit road to the Aura Reservoir site. We are in the process of establishing fencing for safety, similar to that shown in the photograph below.

Following the earthworks, construction will then commence on the 12-megalitre concrete water reservoir. We will also build a steel access tower for the reservoir, inlet-outlet pipework, flowmeter and valves, including support structures. The site will require power and electricity to be installed to support this.



Photograph depicts earthworks activity at a similar future reservoir site

Unitywater here for liveable communities – **here for life**

Delivery Partner

McConnell Dowell Pty Ltd

Date:
November 2023 – mid 2025

What to expect:

- Earthworks and construction activity at the future Aura Reservoir site
- Ongoing vegetation removal activities ahead of the pipeline works to commence mid-2024
- Removal and movement of large quantities of soil and rock from one area to another to make the area a suitable height and level prior to the construction of the reservoir
- An increase in construction traffic, including heavy equipment required to move large quantities of material, as well as people in the local area to work at the site
- Intermittent construction noise during working hours of Monday – Friday, 7am to 5pm.

Project contact:

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Register for updates:

McCONNELL DOWELL
CREATIVE CONSTRUCTION™

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Once earthworks are complete, we will commence construction for the foundation of the reservoir, similar to that shown in the image below:



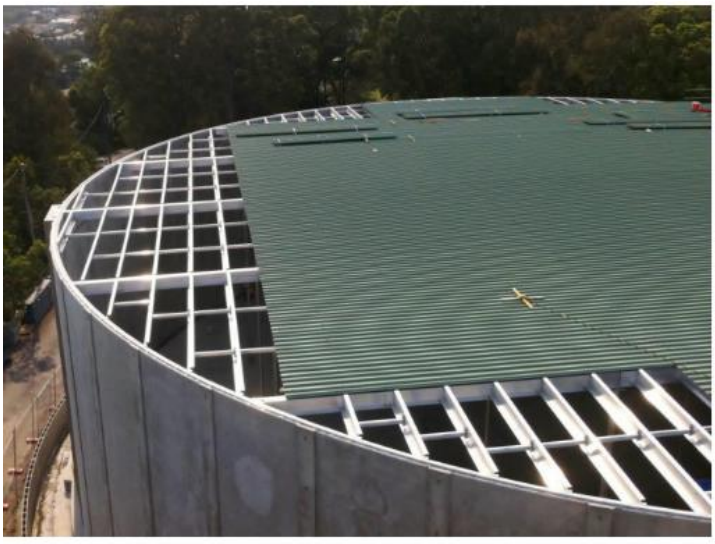
Photograph depicts foundation for a reservior similar to future reservior at Tanawha

Following the foundational work, we will make and install concrete wall panels on site, which will be joined together to form the concrete reservior structure, similar to that shown below:



Photograph depicts concrete panels similar to those which will be made on site and installed

Once this has been completed, the constructed reservoir will look similar to the image below:



Photograph depicts example of a constructed reservoir

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What activity can we expect at the site?
These works will require heavy construction equipment and machinery such as a tip truck, excavator, roller and a rock breaker if hard ground is encountered. Light vehicles will also be in the area.

Where will these works take place?
At the future Aura Reservoir site near the Bruce Highway, location shown overleaf.

When will this work happen?
Works have now commenced and are expected for completion by mid-2025.

We aim to move through the area as quickly and as safely as we can, to minimise impacts to the local community. All works conducted will be weather and resource dependent. In the event of bad weather, such as rain and high winds or problematic site conditions, we may need to stop works and reconvene at a safer time.

You may experience an increase of noise while we complete these works. Please reach out to the project team if you experience any concerns.

Please visit our website **communityhub.unitywater.com/aura-water-project** to find out more information about the project or to register for updates to stay updated on changes to working hours and the project timeline.

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