

Arundel Creek Treatment Facility

The Arundel Creek Treatment Facility is a new water treatment system being built as part of Melbourne Airport's third runway. The facility is an end-of-line stormwater treatment system that will be located near

the southern boundary of the Melbourne Airport estate. Its main job will be to clean and treat stormwater before it leaves airport land.

How does the facility work?

The facility will collect water runoff from the Arundel Creek catchment within Melbourne Airport land, clean it using special basins and natural filters, and then safely release it into the creek – all following government-approved standards.

This process removes pollution and increased sediment loads to help keep our rivers healthy. It will operate alongside other water treatment facilities at Melbourne Airport.

Why is the Arundel Creek Treatment Facility needed?

As the airport grows and more runways and roads are added, more rainwater will run off these hard surfaces, picking up dirt and pollutants along the way. The Arundel Creek Treatment Facility will help make sure this water is cleaned to the required standards before it reaches local waterways.

By managing stormwater volumes and enhancing water quality, the facility will play a crucial role in protecting downstream ecosystems and ensuring compliance with environmental regulations during construction and operation of the third runway.

What about Indigenous cultural heritage considerations?

Prior to construction of the facility, cultural heritage salvage works will be carried out to recover, document and preserve any cultural material found.

This is part of our Cultural Heritage Management Plan (CHMP), which was informed by a study into the Indigenous cultural heritage of the third

runway site, and approved by the Wurundjeri Woi-wurrung Cultural Heritage Aboriginal Corporation.

This plan also includes an approved approach for managing any additional artefacts if they are uncovered during construction of the facility.

What about local wildlife?

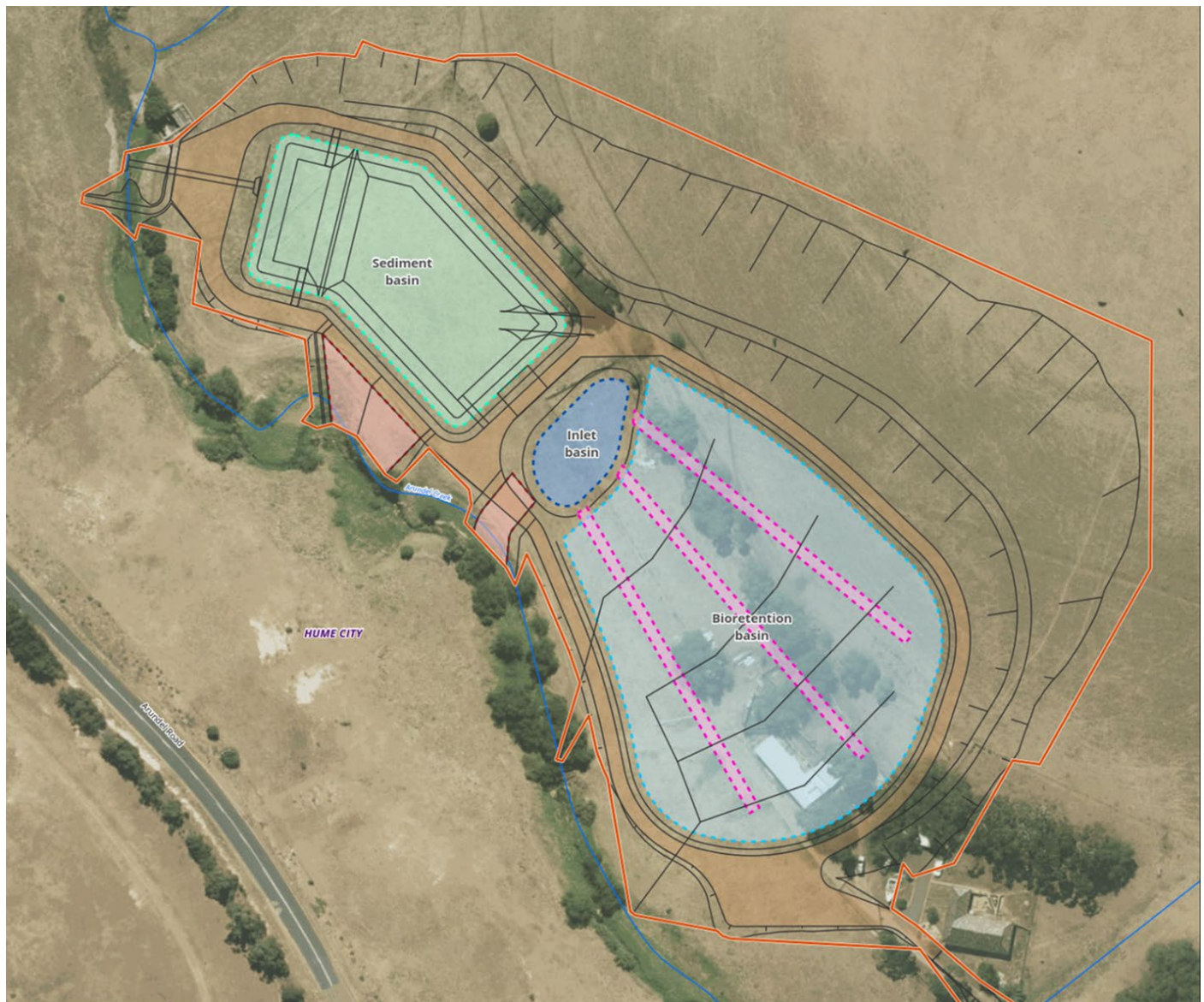
The facility has been designed to fit in with the local environment. It's been carefully placed to avoid disturbing Arundel Creek and nearby plants as much as possible. It also includes features to support habitats for native animals such as the Growling Grass frog.

The facility is also positioned to reduce the risk of attracting birds near the airport's runways, which helps keep flights safe.

When will the facility be constructed?

Construction of the Arundel Creek Treatment Facility is expected to begin mid-2026 and will

take around 12 months to complete. It will start operations in 2027.



Drawing of the Arundel Creek Treatment Facility

For further information contact newrunway@melair.com.au or call 03 9297 1597