

WATER FOR
A GROWING
MELBOURNE



Yan Yean to Bald Hill Pipeline and other projects in your area Introductory Bulletin October 2021



Planning permits will soon be advertised by
Whittlesea Council and Mitchell Shire Council.



What's happening between Yan Yean and Bald Hill?

Melbourne Water is committed to securing a safe and sustainable water supply to the communities we serve, now and into the future.

This population growth will bring an increased demand for water, so to help we're building a multi-million dollar new water transfer system.

Once completed, the system will have the capacity to transfer approximately **10,000 Olympic sized swimming pools** worth of water per annum into the greater northern suburbs growth area.

Melbourne's population is projected to increase from:

4.6 million in 2016

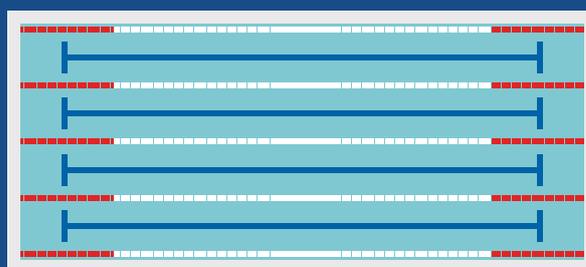
6 million in 2031

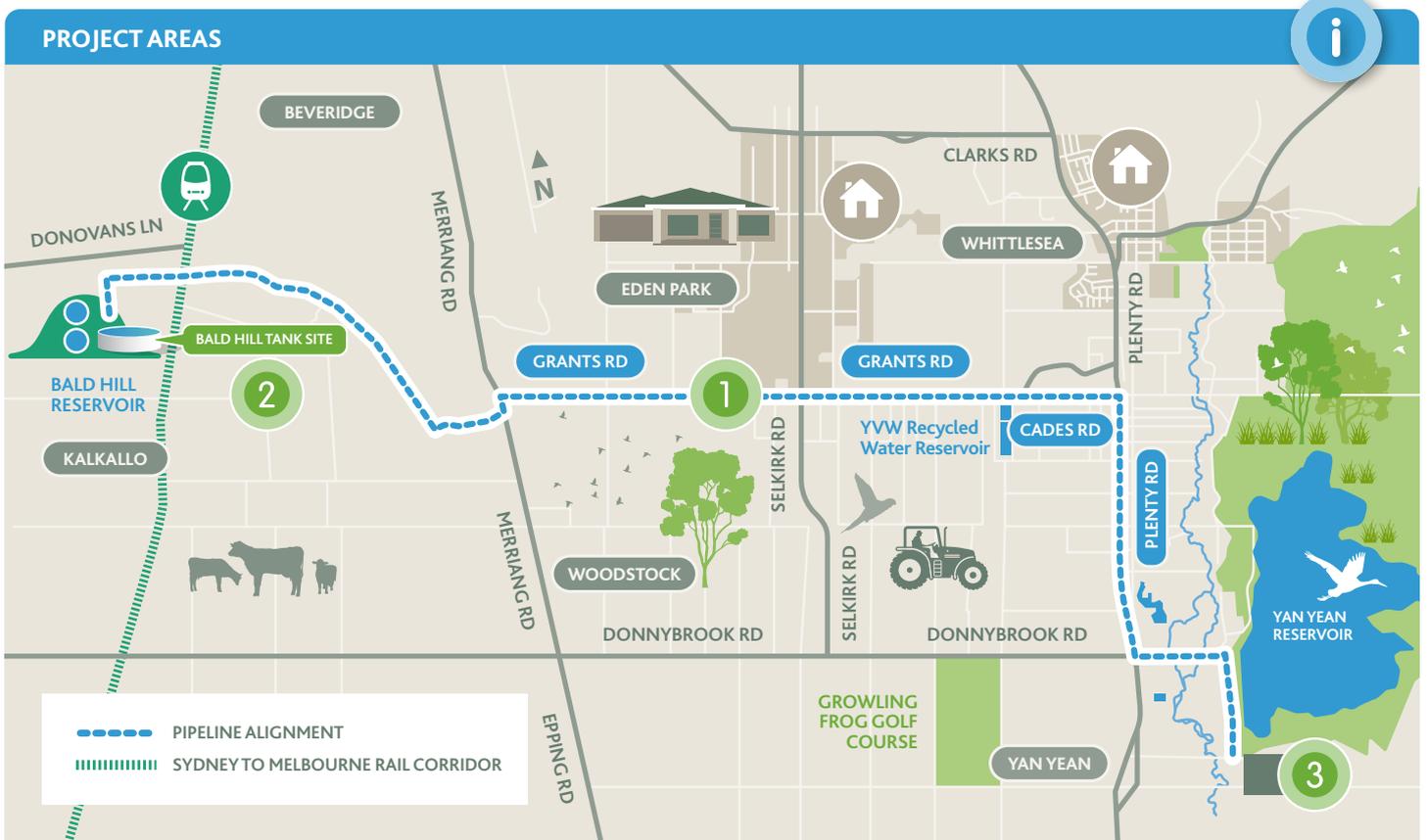
8 million in 2051

Around 60% of this growth is expected to occur in Melbourne's northern and western suburbs, with 851,000 new residents projected by 2031*

*Victoria in Future 2016, Victorian Government

10,000 Olympic sized swimming
pools of water supplied every year





What is included in the new water transfer system?

There are three key components to the new multi-million dollar water transfer system, which are in varying stages of development. These are:

PROJECT 1

Yan Yean to Bald Hill Pipeline*

PROJECT 2

Bald Hill Tank and inlet/outlet Pipeline

PROJECT 3

Yan Yean Treatment Plant upgrade and new Pumping Station*

*Subject to planning permit approval

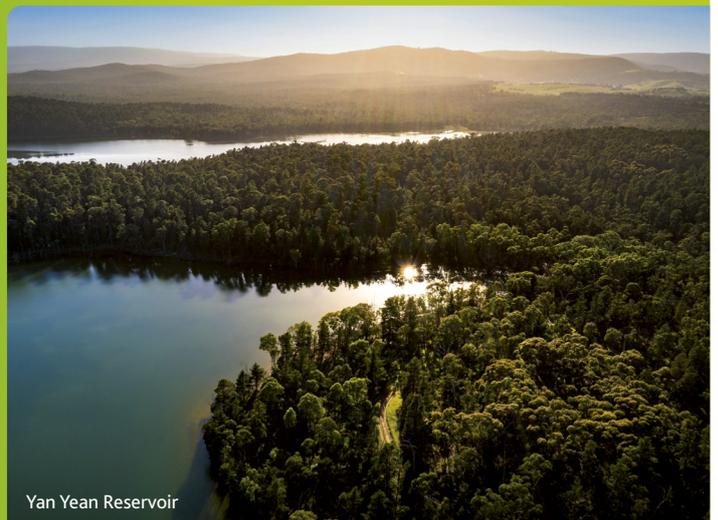
PROJECT 1 - PLANNED

Yan Yean to Bald Hill Pipeline

Melbourne Water has submitted a planning permit application to City of Whittlesea and Mitchell Shire Council for the development of the new pipeline which will improve the reliability of water supply in the greater northern suburbs.

If approved, the project will involve construction of a 20-kilometre pipeline from the Yan Yean Water Treatment Plant to the recently completed Bald Hill, Kalkallo tank site, as shown on the map provided.

As the proposed pipeline is being constructed for necessary bulk transfer of water, no connections can be made to properties along the alignment.



Yan Yean Reservoir



Yan Yean Reservoir and Recreation Reserve



Large machinery will be used to construct the pipeline

PROJECT 2 - COMPLETED

2

Bald Hill Tank and inlet/outlet Pipeline

A pipeline and large water tank have been installed on the top of Bald Hill, Kalkallo. This will be connected to the Yan Yean to Bald Hill Pipeline currently being proposed.

Work involved excavation activities to establish a foundation for the new inlet and outlet pipelines and tank. The tank is 10 metres tall and approximately 36 metres in diameter and was delivered to the site in segments and installed by crane.

The project sought to deliver the works with sustainability in mind, including building and installing a solar container and asphalt made from recycled materials.



Bald Hill Tank

PROJECT 3 - PLANNED

3

Yan Yean Water Treatment Plant Upgrade and new Pumping Station

Work is underway to upgrade the Yan Yean Water Treatment Plant. The treatment plant was built more than two decades ago to support the supply of water to Melbourne's growing northern suburbs. Some operational improvements need to be made so it can continue to provide Melbournians with a reliable and secure water supply into the future.

A new pumping station* will also be built at the Yan Yean Water Treatment Plant to enable bulk water transfer from the treatment plant to the Bald Hill Tank (Project 2) via the proposed new pipeline (Project 1).

*Subject to planning permit approval



Yan Yean Water Treatment Plant

What to expect

We're committed to minimising our impact on the community, businesses and the environment as we deliver world-class water supply solutions.

TRAFFIC FLOW - As with all construction works, there will be an increase in vehicle movements around the construction site. For each project, we will have traffic management plans in place to manage traffic flow.

NOISE - During construction, noise is expected from trucks and machinery. We will reduce these impacts as much as is safely possible.

VEGETATION - Some trees may need to be removed and some trimming to surrounding trees and vegetation may be required to enable access for vehicles and machinery. After the works have been completed, we will reinstate disturbed areas in accordance with Council approved plans.

SERVICES - There will be no impacts or interruptions to your water or sewerage services while we undertake the works.



Yan Yean Reservoir and Recreation Reserve

KEY PROJECT DATES

2018 -2020	Yan Yean to Bald Hill Pipeline investigations and design commenced	<input checked="" type="checkbox"/>
EARLY 2020	Bald Hill Tank and inlet and outlet pipeline construction commenced	<input checked="" type="checkbox"/>
2021	September - Bald Hill Tank and inlet and outlet pipeline construction completed	<input checked="" type="checkbox"/>
2021	Pipeline and Pumping Station permit applications submitted to Council	<input type="checkbox"/>
EARLY 2022	Commencement of construction on the Pipeline* and the Yan Yean Pumping Station*	<input type="checkbox"/>
LATE 2023	Yan Yean Pumping Station activated	<input type="checkbox"/>
LATE 2023	Yan Yean to Bald Hill Pipeline activated	<input type="checkbox"/>

*Subject to planning permit approval

FURTHER PROJECT INFORMATION

Provided the planning permit is approved for the pipeline, further information about construction timings, impacts and traffic management will be provided.

We will continue to maintain contact with directly affected residents, landowners and businesses throughout the project's design and delivery stages. We will also continue to keep the broader community updated on the project's progress.



Scan the QR code for access to project information via your mobile phone



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