



Mount Evelyn Water Treatment Plant

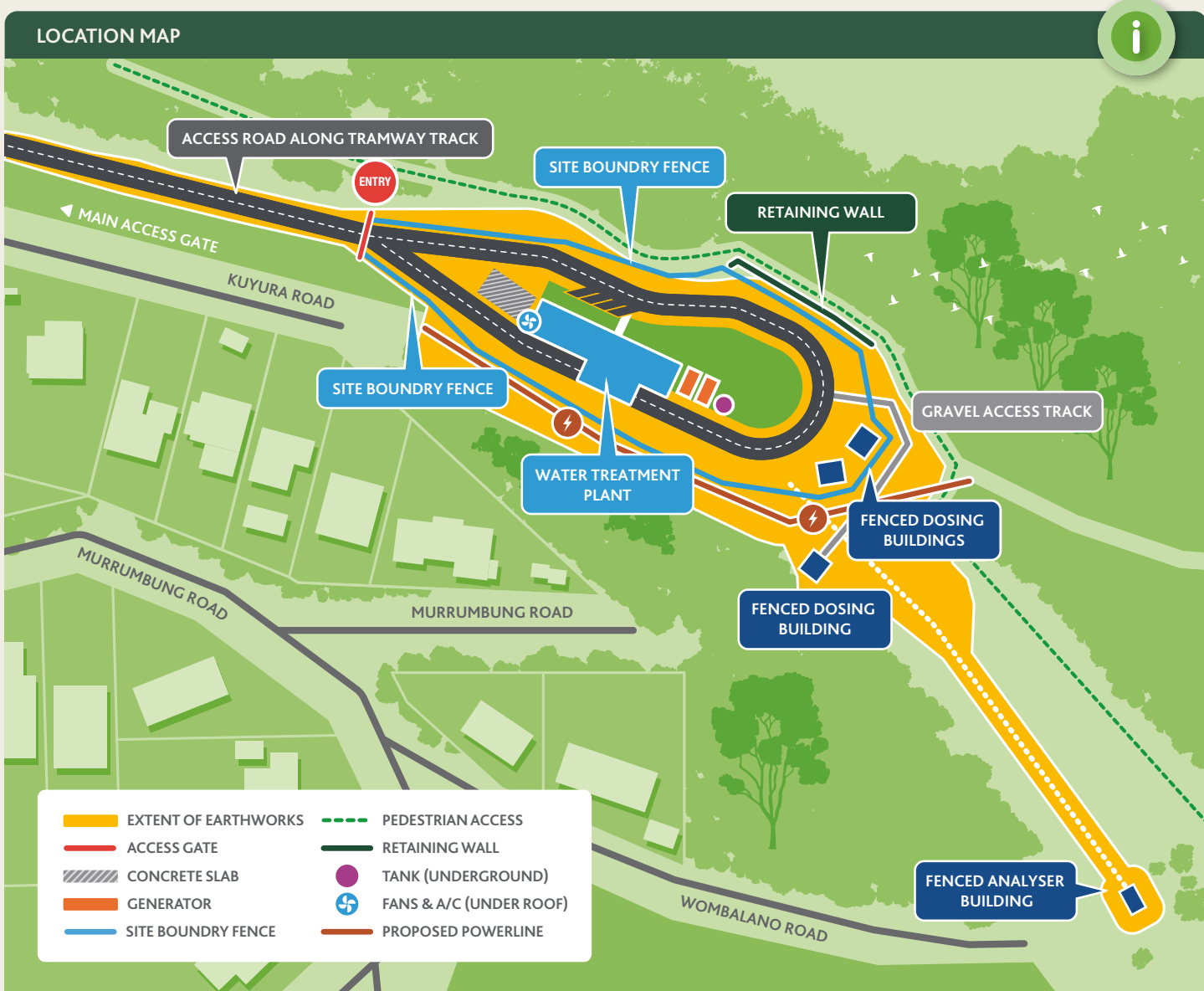
Project Overview

In Melbourne, water is essential to our way of life. Today, clean, affordable water is readily available to our homes and businesses where we need it. By 2030, more than six million Melburnians will need water every day.

The Silvan Reservoir and Water Treatment Plant currently provides more than 50 per cent of Melbourne's population with quality drinking water.

To prepare us for the future and provide greater protection against storm events, Melbourne Water has submitted a planning permit application to Yarra Ranges Council to build a new back-up water treatment plant in Mount Evelyn. The new treatment plant will ensure that drinking water remains accessible and safe in the event of both planned or unplanned shutdowns of the Silvan Reservoir and Water Treatment Plant.

Mount Evelyn Water Treatment Plant



What is the Mount Evelyn Water Treatment Plant?

The Mount Evelyn Water Treatment Plant will be a main building with some smaller buildings that disinfects water from the Silvan Reservoir turning it into clean, quality drinking water for the population. An access track from Tramway Road to the new building will also be constructed.



Mount Evelyn Water Treatment Plant (view from Kuyura Road)

Why Mount Evelyn?

The water you get from your tap is received from the Silvan Reservoir and Water Treatment Plant. This drinking water is passed through three underground water mains before it reaches the tap.

From Silvan Reservoir, these mains run parallel to each other all the way to Mount Evelyn before they branch off and go their separate ways to service multiple parts of Melbourne.

The location for the Mount Evelyn Treatment Plant was selected due to:

- Access to the three underground water mains
- Location of water mains, providing greatest level of protection to the water distribution network in unexpected power outage events
- Flat, mostly cleared land and close to existing roads

Investigations of the proposed site have included land survey, ecology, cultural heritage and soil quality. These have been considered as part of the location selection.



ESTIMATED PROJECT TIMELINE



Construction design
January 2023 - March 2023*



Construction commencement - Mid 2023*



Construction completion
Mid 2025*

**Timelines may change due to construction methodology or weather.*



COMMUNITY IMPACTS

What to expect

We will make every effort to minimise impacts to the community. However, during construction you may notice:

- **Noise** – During construction, noise is expected from trucks and machinery. We will reduce these impacts as much as is safely possible.
- **Closures** – Pedestrians that currently use the pipe-track for walking will not be able to access the site area during construction. Temporary fencing will be in place to protect staff and the Mount Evelyn community. Where possible, provision will be made for pedestrians to gain access around the vicinity of the site works.
- **Vegetation** – Removal of trees to accommodate power-line reconstruction and road works. Melbourne Water understands the value of trees and plants to communities. We will work with council and local community groups to re-instate the area with further vegetation and trees where practicable.

Melbourne Water will provide information about further impacts closer to construction.

PROJECT IMPACTS

What are the ongoing impacts?

The Mount Evelyn Water Treatment Plant is a back-up plant. It will run continuously at a low level ready to step in if needed during an outage at the main Silvan Water Treatment Plant. Once the plant is operational you may notice on occasion:

- Melbourne Water operating and maintenance staff
- Operational deliveries
- Running of air-conditioning units
- Building security and function testing



CONTACT US

Further information about the construction schedule, traffic changes and community impacts will be provided as the project progresses.

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



Scan the QR code for direct access to Mount Evelyn Water Treatment Plant project updates and information.



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www.melbournewater.com.au/building-and-works/projects/mount-evelyn-water-treatment-plant



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