



Mount Evelyn Water Treatment Plant November 2023

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. Did you know that the Silvan Reservoir provides 50 per cent of Melbourne's water supply?

From Silvan Reservoir, drinking water flows through three underground water mains to Mount Evelyn. After this point the water mains branch off in separate directions to service multiple parts of Melbourne.

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

- Ability to treat water in one location carried by three underground water supply mains. After this point the water supply mains branch off in different directions to service 50 per cent of Melbourne's water supply.
- This land is owned by Melbourne Water and is zoned PUZ1 (Public Use Zone – Service & Utility).
- 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.

In October, Melbourne Water submitted a new planning permit application with an updated design to build a back-up water treatment plant in Mount Evelyn ensuring drinking water remains accessible and safe in the event of planned or unplanned shutdowns of the Silvan Reservoir Water Treatment Plant.

The new water treatment plant will ensure water supply is maintained if fire or power failure impacts Silvan Reservoir Water Treatment Plant's operational ability and will also prepare us for the future and provide greater protection against storm events. The new water treatment plant will be constructed on the Melbourne Water pipe track between Tramway Road, Warrawee Road, Kuyura Road, Murrumbung Road and Wombalano Road.

FIND OUT MORE – COMMUNITY DROP IN SESSION



Our team will be available to share project information and answer your questions at a community information session in November. We hope to see you there.

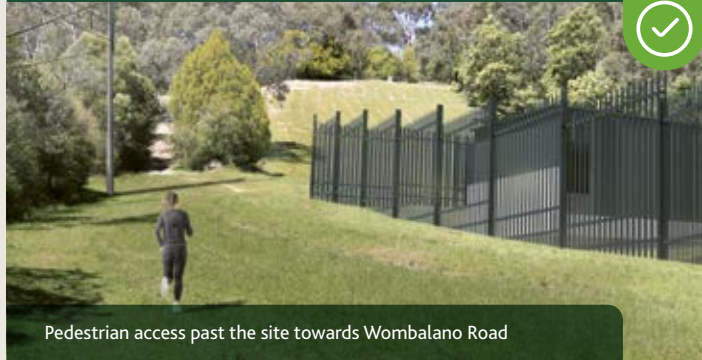
1.30pm to 3.30pm
Saturday 25 November 2023
Mount Evelyn Community House
50 Wray Crescent, Mount Evelyn

In the meantime, if you have any questions please contact the project team on **1800 931 169** or email **MountEvelynWTP@melbournewater.com.au**

Reviewed and updated design

Since the start of the year the project team has updated the design of the new water treatment plant with consideration to feedback from Council, neighbours to the site and local community groups. Investigation works were undertaken on site to inform this work. The following changes have been made in response to feedback received:

Public access thorough site supported



Pedestrian access past the site towards Wombalano Road

Public access through the site to join with surrounding trails will be maintained on the northern side of the operational area after construction.

The design team narrowed the internal access road loop reducing the width of the final operational site. The area saved has been added to the public access area - creating a wider public thoroughfare from the previous design.

Residential screening maintained



View from pedestrian access towards WTP

The team sought, and received approval to relocate the power lines to the Tramway Road side of the site. This change maximises the tree screening for residential properties on Kuyara and Murrumbung Roads.

In addition to moving the building up the hill, the design has reduced the public visibility of the building. Some tree removal is still required on the Kuyara and Murrumbung Roads side.

Reduced public visibility of WTP building



View towards WTP from Warrawee Road

The building size has been reduced and moved to sit further up the hill reducing its visibility from the road and properties. Additionally, generators have been reduced in capacity and integrated into the main building.

Reduction in overall tree removal



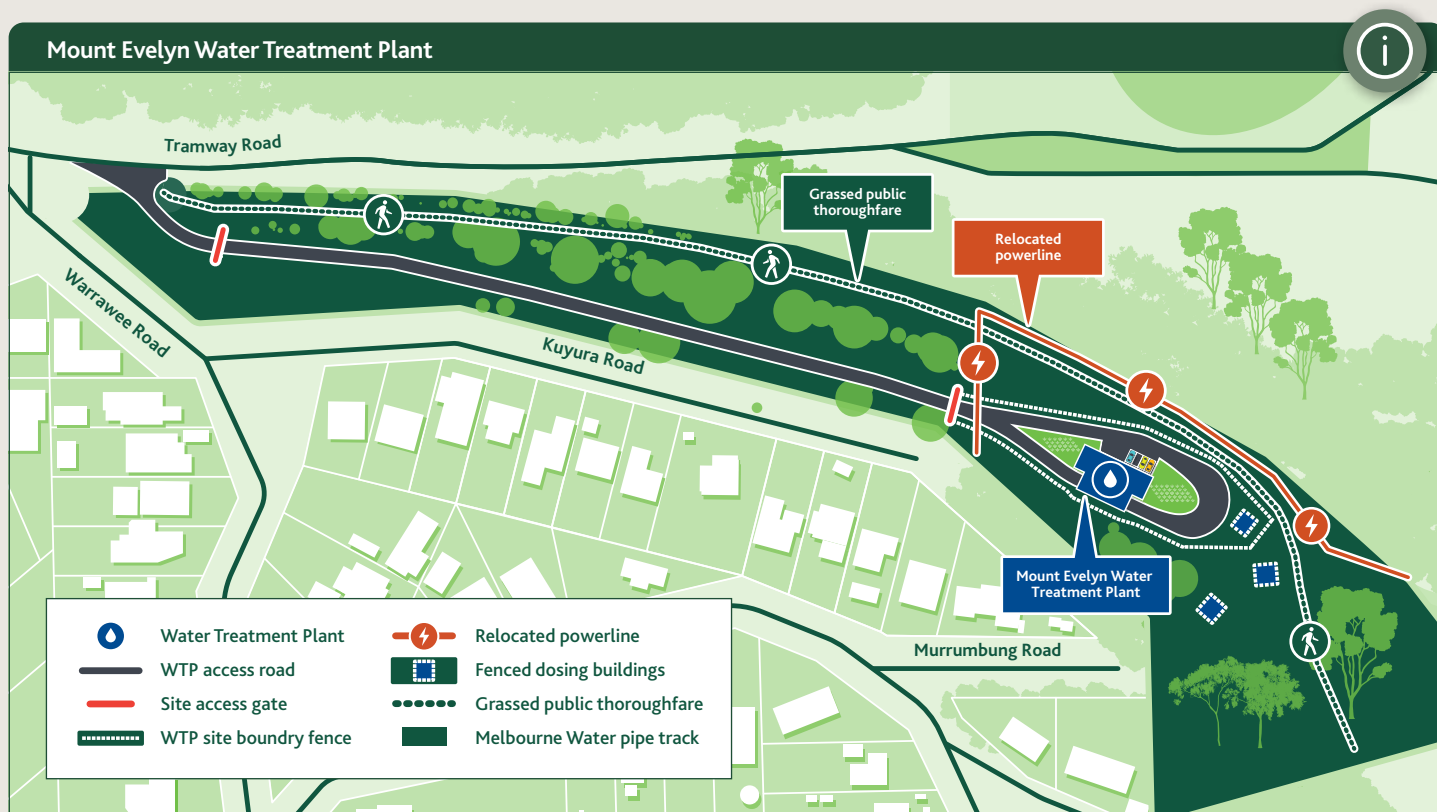
View from top of hill near Wombalano Road

Tree removal on the northern side of the site is required for power line installation. The changes made to narrow the loop road and location of powerlines has resulted in a reduced overall tree removal from 89 to 66 trees. This is a 25 per cent reduction. Due to the Bushfire Management Overlay planning zone, replanting is not proposed on the pipe track site. Melbourne Water will continue to work with the Mount Evelyn community through existing programs and grants.



Project approvals

In early November 2023, Melbourne Water submitted a new planning permit application to Yarra Ranges Council. The project will undergo standard planning permit approval processes under Section 173 of the *Planning and Environment Act 1987* (the Act). This process will be run by Yarra Ranges Council.



PROJECT TIMING




Detailed Design Development

Currently underway - April 2024*
Detailed design is underway. Once approvals are received, early works will commence including power line relocation, tree removal and earthworks.



Main Project Construction

Mid to late 2024*
The construction period is planned to last for two years. During this time the community will be progressively informed on the project progress.



Mount Evelyn WTP Completion

Completed late 2026*
Once construction is completed the site will be operational which will mean access by approved personnel and deliveries.

*The project timeline is dependent on the planning permit approval. We will update the community on the expected project timeline as dates are confirmed.

HAVE YOUR SAY

*Plant viewed at higher elevation than eye level to include main operational site in one image.



Your Say – building colour

We'd like to give the community the opportunity to vote on the selection of the colour of the new building.

The building colours shown above were selected in consultation with urban designers and endorsed by Yarra Ranges Council.

Cast your colour vote




To vote visit yoursay.melbournewater.com.au/mount-evelyn or attend our Community Drop In session on Saturday 25 November at the Mount Evelyn Community House, 50 Wray Crescent, Mount Evelyn between 1.30pm to 3.30pm.

The voting period will be from Wednesday 15 November to Friday 8 December 2023. Additional images are available on the Your Say page.

MORE INFORMATION



For more information about this project or any questions or concerns, contact the Mount Evelyn project team on:

-  1800 931 169
-  MountEvelynWTP@melbournewater.com.au
-  www.melbournewater.com.au/mountevelyn

Scan the QR code below for current project information



To access the TTY and Interpreter Services: TTY 133 677
Interpreter 131 450

